

## 1. Originalarbeiten

1. Richter A, Reinhard F, Kraemer B, Gruber O.  
A high-resolution fMRI approach to characterize functionally distinct neural pathways within dopaminergic midbrain and nucleus accumbens during reward and salience processing. *Eur Neuropsychopharmacol.* 2020 Jul;36:137-150. doi: 10.1016/j.euroneuro.2020.05.005. Epub 2020 Jun 13. *Faktor Journal (2018): 7,2*
2. Garcia-Dias R, Scarpazza C, Baecker L, Vieira S, Pinaya WHL, Corvin A, Redolfi A, Nelson B, Crespo-Facorro B, McDonald C, Tordesillas-Gutiérrez D, Cannon D, Mothersill D, Hernaus D, Morris D, Setien-Suero E, Donohoe G, Frisoni G, Tronchin G, Sato J, Marcelis M, Kempton M, van Haren NEM, Gruber O, McGorry P, Amminger P, McGuire P, Gong Q, Kahn RS, Ayesa-Arriola R, van Amelsvoort T, Ortiz-García de la Foz V, Calhoun V, Cahn W, Mechelli A.  
Neuroharmony: A new tool for harmonizing volumetric MRI data from unseen scanners. *Neuroimage.* 2020 Oct 15;220:117127. doi: 10.1016/j.neuroimage.2020.117127. Epub 2020 Jul 4. *Faktor Journal (2018): 5,8*
3. Rauer L, Trost S, Petrovic A, Gruber O.  
Cortical activation abnormalities in bipolar and schizophrenia patients in a combined oddball-incongruence paradigm. *Eur Arch Psychiatry Clin Neurosci.* 2020 Jul 24. doi: 10.1007/s00406-020-01168-1. Online ahead of print. *Faktor Journal (2019): 3,3*
4. Ching CRK, Hibar DP, Gurholt TP, Nunes A, Thomopoulos SI, Abé C, Agartz I, Brouwer RM, Cannon DM, de Zwarte SMC, Eyer LT, Favre P, Hajek T, Haukvik UK, Houenou J, Landén M, Lett TA, McDonald C, Nabulsi L, Patel Y, Pauling ME, Paus T, Radua J, Soeiro-de-Souza MG, Tronchin G, van Haren NEM, Vieta E, Walter H, Zeng LL, Alda M, Almeida J, Alnaes D, Alonso-Lana S, Altimus C, Bauer M, Baune BT, Bearden CE, Bellani M, Benedetti F, Berk M, Bilderbeck AC, Blumberg HP, Bøen E, Bollettini I, Del Mar Bonnin C, Brambilla P, Canales-Rodríguez EJ, Caseras X, Dandash O, Dannlowski U, Delvecchio G, Díaz-Zuluaga AM, Dima D, Duchesnay É, Elvsåshagen T, Fears SC, Frangou S, Fullerton JM, Glahn DC, Goikolea JM, Green MJ, Grotegerd D, Gruber O, Haarman BCM, Henry C, Howells FM, Ives-Deliperi V, Jansen A, Kircher TTJ, Knöchel C, Kramer B, Lafer B, López-Jaramillo C, Machado-Vieira R, MacIntosh BJ, Melloni EMT, Mitchell PB, Nenadic I, Nery F, Nugent AC, Oertel V, Ophoff RA, Ota M, Overs BJ, Pham DL, Phillips ML, Pineda-Zapata JA, Poletti S, Polosan M, Pomarol-Clotet E, Pouchon A, Quidé Y, Rive MM, Roberts G, Ruhe HG, Salvador R, Sarró S, Satterthwaite TD, Schene AH, Sim K, Soares JC, Stäblein M, Stein DJ, Tamnes CK, Thomaidis GV, Upegui CV, Veltman DJ, Wessa M, Westlye LT, Whalley HC, Wolf DH, Wu MJ, Yatham LN, Zarate CA, Thompson PM, Andreassen OA; ENIGMA Bipolar Disorder Working Group.  
What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. *Hum Brain Mapp.* 2020 Jul 29. doi: 10.1002/hbm.25098. Online ahead of print. *Faktor Journal (2018): 4,6*
5. Kong XZ; ENIGMA Laterality Working Group, Francks C.  
Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. *Hum Brain Mapp.* 2020 Aug 25. doi: 10.1002/hbm.25154. Online ahead of print. *Faktor Journal (2018): 4,6*
6. Writing Committee for the Attention-Deficit/Hyperactivity Disorder; Autism Spectrum Disorder; Bipolar Disorder; Major Depressive Disorder; Obsessive-Compulsive Disorder; and Schizophrenia ENIGMA Working Groups, Patel Y, Parker N, Shin J, Howard D, French L, Thomopoulos SI, Pozzi E, Abe Y, Abé C, Anticevic A, Alda M, Aleman A, Alloza C, Alonso-Lana

S, Ameis SH, Anagnostou E, McIntosh AA, Arango C, Arnold PD, Asherson P, Assogna F, Auzias G, Ayesa-Arriola R, Bakker G, Banaj N, Banaschewski T, Bandeira CE, Baranov A, Bargalló N, Bau CHD, Baumeister S, Baune BT, Bellgrove MA, Benedetti F, Bertolino A, Boedhoe PSW, Boks M, Bollettini I, Del Mar Bonnin C, Borgers T, Borgwardt S, Brandeis D, Brennan BP, Bruggemann JM, Bülow R, Busatto GF, Calderoni S, Calhoun VD, Calvo R, Canales-Rodríguez EJ, Cannon DM, Carr VJ, Cascella N, Cercignani M, Chaim-Avancini TM, Christakou A, Coghill D, Conzelmann A, Crespo-Facorro B, Cubillo AI, Cullen KR, Cupertino RB, Daly E, Dannlowski U, Davey CG, Denys D, Deruelle C, Di Giorgio A, Dickie EW, Dima D, Dohm K, Ehrlich S, Ely BA, Erwin-Grabner T, Ethofer T, Fair DA, Fallgatter AJ, Faraone SV, Fatjó-Vilas M, Fedor JM, Fitzgerald KD, Ford JM, Frodl T, Fu CHY, Fullerton JM, Gabel MC, Glahn DC, Roberts G, Gogberashvili T, Goikolea JM, Gotlib IH, Goya-Maldonado R, Grabe HJ, Green MJ, Grevet EH, Groenewold NA, Grotegerd D, Gruber O, Gruner P, Guerrero-Pedraza A, Gur RE, Gur RC, Haar S, Haarman BCM, Haavik J, Hahn T, Hajek T, Harrison BJ, Harrison NA, Hartman CA, Whalley HC, Heslenfeld DJ, Hibar DP, Hilland E, Hirano Y, Ho TC, Hoekstra PJ, Hoekstra L, Hohmann S, Hong LE, Höschl C, Høvik MF, Howells FM, Nenadic I, Jalbrzikowski M, James AC, Janssen J, Jaspers-Fayer F, Xu J, Jonassen R, Karkashadze G, King JA, Kircher T, Kirschner M, Koch K, Kochunov P, Kohls G, Konrad K, Krämer B, Krug A, Kuntsi J, Kwon JS, Landén M, Landrø NI, Lazaro L, Lebedeva IS, Leehr EJ, Lera-Miguel S, Lesch KP, Lochner C, Louza MR, Luna B, Lundervold AJ, MacMaster FP, Maglanoc LA, Malpas CB, Portella MJ, Marsh R, Martyn FM, Mataix-Cols D, Mathalon DH, McCarthy H, McDonald C, McPhilemey G, Meinert S, Menchón JM, Minuzzi L, Mitchell PB, Moreno C, Morgado P, Murtatori F, Murphy CM, Murphy D, Mwangi B, Nabulsi L, Nakagawa A, Nakamae T, Namazova L, Narayanaswamy J, Jahanshad N, Nguyen DD, Nicolau R, O'Gorman Tuura RL, O'Hearn K, Oosterlaan J, Opel N, Ophoff RA, Oranje B, García de la Foz VO, Overs BJ, Paloyelis Y, Pantelis C, Parellada M, Pauli P, Picó-Pérez M, Picon FA, Piras F, Piras F, Plessen KJ, Pomarol-Clotet E, Preda A, Puig O, Quidé Y, Radua J, Ramos-Quiroga JA, Rasser PE, Rauer L, Reddy J, Redlich R, Reif A, Reneman L, Reppele J, Retico A, Richarte V, Richter A, Rosa PGP, Rubia KK, Hashimoto R, Sacchet MD, Salvador R, Santonja J, Sarink K, Sarró S, Satterthwaite TD, Sawa A, Schall U, Schofield PR, Schranter A, Seitz J, Serpa MH, Setién-Suero E, Shaw P, Shook D, Silk TJ, Sim K, Simon S, Simpson HB, Singh A, Skoch A, Skokauskas N, Soares JC, Soreni N, Soriano-Mas C, Spalletta G, Spaniel F, Lawrie SM, Stern ER, Stewart SE, Takayanagi Y, Temmingh HS, Tolin DF, Tomecek D, Tordesillas-Gutiérrez D, Tosetti M, Uhlmann A, van Amelsvoort T, van der Wee NJA, van der Werff SJA, van Haren NEM, van Wingen GA, Vance A, Vázquez-Bourgon J, Vecchio D, Venkatasubramanian G, Vieta E, Vilarroya O, Vives-Gilabert Y, Voineskos AN, Völzke H, von Polier GG, Walton E, Weickert TW, Weickert CS, Weideman AS, Wittfeld K, Wolf DH, Wu MJ, Yang TT, Yang K, Yoncheva Y, Yun JY, Cheng Y, Zanetti MV, Ziegler GC, Franke B, Hoogman M, Buitelaar JK, van Rooij D, Andreassen OA, Ching CRK, Veltman DJ, Schmaal L, Stein DJ, van den Heuvel OA, Turner JA, van Erp TGM, Pausova Z, Thompson PM, Paus T.

Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. *JAMA Psychiatry*. 2020 Aug 26:e202694. doi: 10.1001/jamapsychiatry.2020.2694. Online ahead of print. *Faktor Journal (2019): 17,5*

7. Hofer E, Roshchupkin GV, Adams HHH, Knol MJ, Lin H, Li S, Zare H, Ahmad S, Armstrong NJ, Satizabal CL, Bernard M, Bis JC, Gillespie NA, Luciano M, Mishra A, Scholz M, Teumer A, Xia R, Jian X, Mosley TH, Saba Y, Pirpamer L, Seiler S, Becker JT, Carmichael O, Rotter JI, Psaty BM, Lopez OL, Amin N, van der Lee SJ, Yang Q, Himali JJ, Maillard P, Beiser AS, DeCarli C, Karama S, Lewis L, Harris M, Bastin ME, Deary IJ, Veronica Witte A, Beyer F, Loeffler M, Mather KA, Schofield PR, Thalamuthu A, Kwok JB, Wright MJ, Ames D, Trollor J, Jiang J, Brodaty H, Wen W, Vernooij MW, Hofman A, Uitterlinden AG, Niessen WJ, Wittfeld K, Bülow R, Völker U, Pausova Z, Bruce Pike G, Maingault S, Crivello F, Tzourio C, Amouyel P, Mazoyer B, Neale MC,

Franz CE, Lyons MJ, Panizzon MS, Andreassen OA, Dale AM, Logue M, Grasby KL, Jahanshad N, Painter JN, Colodro-Conde L, Bralten J, Hibar DP, Lind PA, Pizzagalli F, Stein JL, Thompson PM, Medland SE; ENIGMA consortium, Sachdev PS, Kremen WS, Wardlaw JM, Villringer A, van Duijn CM, Grabe HJ, Longstreth WT Jr, Fornage M, Paus T, Debette S, Arfan Ikram M, Schmidt H, Schmidt R, Seshadri S.

Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. *Nat Commun.* 2020 Sep 22;11(1):4796. doi: 10.1038/s41467-020-18367-y. *Faktor Journal (2019): 12,1*

8. de Zwarte SMC, Brouwer RM, Agartz I, Alda M, Alonso-Lana S, Bearden CE, Bertolino A, Bonvino A, Bramon E, Buimer EEL, Cahn W, Canales-Rodríguez EJ, Cannon DM, Cannon TD, Caseras X, Castro-Fornieles J, Chen Q, Chung Y, De la Serna E, Del Mar Bonnín C, Demro C, Di Giorgio A, Doucet GE, Eker MC, Erk S, Fatjó-Vilas M, Fears SC, Foley SF, Frangou S, Fullerton JM, Glahn DC, Goghari VM, Goikolea JM, Goldman AL, Gonul AS, Gruber O, Hajek T, Hawkins EL, Heinz A, Hidiröglu Ongun C, Hillegers MHJ, Houenou J, Hulshoff Pol HE, Hultman CM, Ingvar M, Johansson V, Jönsson EG, Kane F, Kempton MJ, Koenis MMG, Kopecek M, Krämer B, Lawrie SM, Lenroot RK, Marcelis M, Mattay VS, McDonald C, Meyer-Lindenberg A, Michielse S, Mitchell PB, Moreno D, Murray RM, Mwangi B, Nabulsi L, Newport J, Olman CA, van Os J, Overs BJ, Ozerdem A, Pergola G, Picchioni MM, Piguet C, Pomarol-Clotet E, Radua J, Ramsay IS, Richter A, Roberts G, Salvador R, Saricicek Aydogan A, Sarró S, Schofield PR, Simsek EM, Simsek F, Soares JC, Sponheim SR, Sugranyes G, Touloupoulou T, Tronchin G, Vieta E, Walter H, Weinberger DR, Whalley HC, Wu MJ, Yalin N, Andreassen OA, Ching CRK, Thomopoulos SI, van Erp TGM, Jahanshad N, Thompson PM, Kahn RS, van Haren NEM.

Intelligence, educational attainment, and brain structure in those at familial high-risk for schizophrenia or bipolar disorder. *Hum Brain Mapp.* 2020 Oct 7. doi: 10.1002/hbm.25206. Online ahead of print. *Faktor Journal (2018): 4,6*

9. Wierenga LM, Doucet GE, Dima D, Agartz I, Aghajani M, Akudjedu TN, Albajes-Eizagirre A, Alnaes D, Alpert KI, Andreassen OA, Anticevic A, Asherson P, Banaschewski T, Bargallo N, Baumeister S, Baur-Streubel R, Bertolino A, Bonvino A, Boomsma DI, Borgwardt S, Bourque J, den Braber A, Brandeis D, Breier A, Brodaty H, Brouwer RM, Buitelaar JK, Busatto GF, Calhoun VD, Canales-Rodríguez EJ, Cannon DM, Caseras X, Castellanos FX, Chaim-Avancini TM, Ching CR, Clark VP, Conrod PJ, Conzelmann A, Crivello F, Davey CG, Dickie EW, Ehrlich S, Van't Ent D, Fisher SE, Fouche JP, Franke B, Fuentes-Claramonte P, de Geus EJ, Di Giorgio A, Glahn DC, Gotlib IH, Grabe HJ, Gruber O, Gruner P, Gur RE, Gur RC, Gurholt TP, de Haan L, Haatveit B, Harrison BJ, Hartman CA, Hatton SN, Heslenfeld DJ, van den Heuvel OA, Hickie IB, Hoekstra PJ, Hohmann S, Holmes AJ, Hoogman M, Hosten N, Howells FM, Hulshoff Pol HE, Huyser C, Jahanshad N, James AC, Jiang J, Jönsson EG, Joska JA, Kalnin AJ; Karolinska Schizophrenia Project (KaSP) Consortium, Klein M, Koenders L, Kolskår KK, Krämer B, Kuntsi J, Lagopoulos J, Lazaro L, Lebedeva IS, Lee PH, Lochner C, Machielsen MW, Maingault S, Martin NG, Martínez-Zalacáin I, Mataix-Cols D, Mazoyer B, McDonald BC, McDonald C, McIntosh AM, McMahan KL, McPhilemy G, van der Meer D, Menchón JM, Naaijen J, Nyberg L, Oosterlaan J, Paloyelis Y, Pauli P, Pergola G, Pomarol-Clotet E, Portella MJ, Radua J, Reif A, Richard G, Roffman JL, Rosa PG, Sacchet MD, Sachdev PS, Salvador R, Sarró S, Satterthwaite TD, Saykin AJ, Serpa MH, Sim K, Simmons A, Smoller JW, Sommer IE, Soriano-Mas C, Stein DJ, Strike LT, Szeszko PR, Temmingh HS, Thomopoulos SI, Tomyshev AS, Trollor JN, Uhlmann A, Veer IM, Veltman DJ, Voineskos A, Völzke H, Walter H, Wang L, Wang Y, Weber B, Wen W, West JD, Westlye LT, Whalley HC, Williams SC, Wittfeld K, Wolf DH, Wright MJ, Yoncheva YN, Zanetti MV, Ziegler GC, de Zubicaray GI, Thompson PM, Crone EA, Frangou S, Tamnes CK.

Greater male than female variability in regional brain structure across the lifespan. *Hum Brain Mapp.* 2020 Oct 12. doi: 10.1002/hbm.25204. Online ahead of print. *Faktor Journal (2018): 4,6*

10. Haukvik UK, Gurholt TP, Nerland S, Elvsåshagen T, Akudjedu TN, Alda M, Alnaes D, Alonso-Lana S, Bauer J, Baune BT, Benedetti F, Berk M, Bettella F, Bøen E, Bonnín CM, Brambilla P, Canales-Rodríguez EJ, Cannon DM, Caseras X, Dandash O, Dannlowski U, Delvecchio G, Díaz-Zuluaga AM, van Erp TGM, Fatjó-Vilas M, Foley SF, Förster K, Fullerton JM, Goikolea JM, Grotegerd D, Gruber O, Haarman BCM, Haatveit B, Hajek T, Hallahan B, Harris M, Hawkins EL, Howells FM, Hülsmann C, Jahanshad N, Jørgensen KN, Kircher T, Krämer B, Krug A, Kuplicki R, Lagerberg TV, Lancaster TM, Lenroot RK, Lonning V, López-Jaramillo C, Malt UF, McDonald C, McIntosh AM, McPhilemy G, van der Meer D, Melle I, Melloni EMT, Mitchell PB, Nabulsi L, Nenadić I, Oertel V, Oldani L, Opel N, Otaduy MCG, Overs BJ, Pineda-Zapata JA, Pomarol-Clotet E, Radua J, Rauer L, Redlich R, Reppe J, Rive MM, Roberts G, Ruhe HG, Salminen LE, Salvador R, Sarró S, Savitz J, Schene AH, Sim K, Soeiro-de-Souza MG, Stäblein M, Stein DJ, Stein F, Tamnes CK, Temmingh HS, Thomopoulos SI, Veltman DJ, Vieta E, Waltemate L, Westlye LT, Whalley HC, Sämann PG, Thompson PM, Ching CRK, Andreassen OA, Agartz I; ENIGMA Bipolar Disorder Working Group.

In vivo hippocampal subfield volumes in bipolar disorder-A mega-analysis from The Enhancing Neuro Imaging Genetics through Meta-Analysis Bipolar Disorder Working Group. *Hum Brain Mapp.* 2020 Oct 19. doi: 10.1002/hbm.25249. Online ahead of print. *Faktor Journal (2018): 4,6*

11. Schmaal L, Pozzi E, C Ho T, van Velzen LS, Veer IM, Opel N, Van Someren EJW, Han LKM, Aftanas L, Aleman A, Baune BT, Berger K, Blanken TF, Capitão L, Couvy-Duchesne B, Cullen K, Dannlowski U, Davey C, Erwin-Grabner T, Evans J, Frodl T, Fu CHY, Godlewska B, Gotlib IH, Goya-Maldonado R, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Gutman BA, Hall GB, Harrison BJ, Hatton SN, Hermesdorf M, Hickie IB, Hilland E, Irungu B, Jonassen R, Kelly S, Kircher T, Klimes-Dougan B, Krug A, Landrø NI, Lagopoulos J, Leerssen J, Li M, Linden DEJ, MacMaster FP, McIntosh A, Mehler DMA, Nenadić I, Penninx BWJH, Portella MJ, Reneman L, Rentería ME, Sacchet MD, Sämann P, Schranz A, Sim K, Soares JC, Stein DJ, Tozzi L, van Der Wee NJA, van Tol MJ, Vermeiren R, Vives-Gilabert Y, Walter H, Walter M, Whalley HC, Wittfeld K, Whittle S, Wright MJ, Yang TT, Zarate C Jr, Thomopoulos SI, Jahanshad N, Thompson PM, Veltman DJ.

ENIGMA MDD: seven years of global neuroimaging studies of major depression through worldwide data sharing. *Transl Psychiatry.* 2020 May 29;10(1):172. doi: 10.1038/s41398-020-0842-6. *Faktor Journal (2018): 5,2*

12. Ching CRK, Hibar DP, Gurholt TP, Nunes A, Thomopoulos SI, Abé C, Agartz I, Brouwer RM, Cannon DM, de Zwarte SMC, Eyer LT, Favre P, Hajek T, Haukvik UK, Houenou J, Landén M, Lett TA, McDonald C, Nabulsi L, Patel Y, Pauling ME, Paus T, Radua J, Soeiro-de-Souza MG, Tronchin G, van Haren NEM, Vieta E, Walter H, Zeng LL, Alda M, Almeida J, Alnaes D, Alonso-Lana S, Altimus C, Bauer M, Baune BT, Bearden CE, Bellani M, Benedetti F, Berk M, Bilderbeck AC, Blumberg HP, Bøen E, Bollettini I, Del Mar Bonnín C, Brambilla P, Canales-Rodríguez EJ, Caseras X, Dandash O, Dannlowski U, Delvecchio G, Díaz-Zuluaga AM, Dima D, Duchesnay É, Elvsåshagen T, Fears SC, Frangou S, Fullerton JM, Glahn DC, Goikolea JM, Green MJ, Grotegerd D, Gruber O, Haarman BCM, Henry C, Howells FM, Ives-Deliperi V, Jansen A, Kircher TTJ, Knöchel C, Kramer B, Lafer B, López-Jaramillo C, Machado-Vieira R, McIntosh BJ, Melloni EMT, Mitchell PB, Nenadić I, Nery F, Nugent AC, Oertel V, Ophoff RA, Ota M, Overs BJ, Pham DL, Phillips ML, Pineda-Zapata JA, Poletti S, Polosan M, Pomarol-Clotet E, Pouchon A, Quidé Y, Rive MM, Roberts G, Ruhe HG, Salvador R, Sarró S, Satterthwaite TD, Schene AH,

Sim K, Soares JC, Stäblein M, Stein DJ, Tamnes CK, Thomaidis GV, Upegui CV, Veltman DJ, Wessa M, Westlye LT, Whalley HC, Wolf DH, Wu MJ, Yatham LN, Zarate CA, Thompson PM, Andreassen OA; ENIGMA Bipolar Disorder Working Group

What we learn about bipolar disorder from large-scale neuroimaging: Findings and future directions from the ENIGMA Bipolar Disorder Working Group. *Hum Brain Mapp.* 2020 Jul 29. doi: 10.1002/hbm.25098. Online ahead of print. *Faktor Journal (2018): 4,6*

13. Han LKM, Dinga R, Hahn T, Ching CRK, Eyer LT, Aftanas L, Aghajani M, Aleman A, Baune BT, Berger K, Brak I, Filho GB, Carballido A, Connolly CG, Couvy-Duchesne B, Cullen KR, Dannowski U, Davey CG, Dima D, Duran FLS, Enneking V, Filimonova E, Frenzel S, Frodl T, Fu CHY, Godlewska BR, Gotlib IH, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Hall GB, Harrison BJ, Hatton SN, Hermesdorf M, Hickie IB, Ho TC, Hosten N, Jansen A, Kähler C, Kircher T, Klimes-Dougan B, Krämer B, Krug A, Lagopoulos J, Leenings R, MacMaster FP, MacQueen G, McIntosh A, McLellan Q, McMahon KL, Medland SE, Mueller BA, Mwangi B, Osipov E, Portella MJ, Pozzi E, Reneman L, Repple J, Rosa PGP, Sacchet MD, Sämann PG, Schnell K, Schranke A, Simulionyte E, Soares JC, Sommer J, Stein DJ, Steinsträter O, Strike LT, Thomopoulos SI, van Tol MJ, Veer IM, Vermeiren RRJM, Walter H, van der Wee NJA, van der Werff SJA, Whalley H, Winter NR, Wittfeld K, Wright MJ, Wu MJ, Völzke H, Yang TT, Zannias V, de Zubicaray GI, Zunta-Soares GB, Abé C, Alda M, Andreassen OA, Bøen E, Bonnin CM, Canales-Rodriguez EJ, Cannon D, Caseras X, Chaim-Avancini TM, Elvsåshagen T, Favre P, Foley SF, Fullerton JM, Goikolea JM, Haarman BCM, Hajek T, Henry C, Houenou J, Howells FM, Ingvar M, Kuplicki R, Lafer B, Landén M, Machado-Vieira R, Malt UF, McDonald C, Mitchell PB, Nabulsi L, Otaduy MCG, Overs BJ, Polosan M, Pomarol-Clotet E, Radua J, Rive MM, Roberts G, Ruhe HG, Salvador R, Sarró S, Satterthwaite TD, Savitz J, Schene AH, Schofield PR, Serpa MH, Sim K, Soeiro-de-Souza MG, Sutherland AN, Temmingh HS, Timmons GM, Uhlmann A, Vieta E, Wolf DH, Zanetti MV, Jahanshad N, Thompson PM, Veltman DJ, Penninx BWJH, Marquand AF, Cole JH, Schmaal L.

Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. *Mol Psychiatry.* 2020 May 18. doi: 10.1038/s41380-020-0754-0. Online ahead of print. *Faktor Journal (2019): 12,4*

14. Grasby KL, Jahanshad N, Painter JN, Colodro-Conde L, Bralten J, Hibar DP, Lind PA, Pizzagalli F, Ching CRK, McMahon MAB, Shatikhina N, Zsembik LCP, Thomopoulos SI, Zhu AH, Strike LT, Agartz I, Alhusaini S, Almeida MAA, Alnæs D, Amlien IK, Andersson M, Ard T, Armstrong NJ, Ashley-Koch A, Atkins JR, Bernard M, Brouwer RM, Buimer EEL, Bülow R, Bürger C, Cannon DM, Chakravarty M, Chen Q, Cheung JW, Couvy-Duchesne B, Dale AM, Dalvie S, de Araujo TK, de Zubicaray GI, de Zwarte SMC, den Braber A, Doan NT, Dohm K, Ehrlich S, Engelbrecht HR, Erk S, Fan CC, Fedko IO, Foley SF, Ford JM, Fukunaga M, Garrett ME, Ge T, Giddaluru S, Goldman AL, Green MJ, Groenewold NA, Grotegerd D, Gurholt TP, Gutman BA, Hansell NK, Harris MA, Harrison MB, Haswell CC, Hauser M, Herms S, Heslenfeld DJ, Ho NF, Hoehn D, Hoffmann P, Holleran L, Hoogman M, Hottenga JJ, Ikeda M, Janowitz D, Jansen IE, Jia T, Jockwitz C, Kanai R, Karama S, Kasperaviciute D, Kaufmann T, Kelly S, Kikuchi M, Klein M, Knapp M, Knodt AR, Krämer B, Lam M, Lancaster TM, Lee PH, Lett TA, Lewis LB, Lopes-Cendes I, Luciano M, Macciardi F, Marquand AF, Mathias SR, Melzer TR, Milanesechi Y, Mirza-Schreiber N, Moreira JCV, Mühleisen TW, Müller-Myhsok B, Najt P, Nakahara S, Nho K, Olde Loohuis LM, Orfanos DP, Pearson JF, Pitcher TL, Pütz B, Quidé Y, Ragothaman A, Rashid FM, Reay WR, Redlich R, Reinbold CS, Repple J, Richard G, Riedel BC, Risacher SL, Rocha CS, Mota NR, Salminen L, Saremi A, Saykin AJ, Schlag F, Schmaal L, Schofield PR, Secolin R, Shapland CY, Shen L, Shin J, Shumskaya E, Sørensen IE, Sprooten E, Tansey KE, Teumer A, Thalamuthu A, Tordesillas-Gutiérrez D, Turner JA, Uhlmann A, Valleria CL, van der Meer D, van Donkelaar

MMJ, van Eijk L, van Erp TGM, van Haren NEM, van Rooij D, van Tol MJ, Veldink JH, Verhoef E, Walton E, Wang M, Wang Y, Wardlaw JM, Wen W, Westlye LT, Whelan CD, Witt SH, Wittfeld K, Wolf C, Wolfers T, Wu JQ, Yasuda CL, Zaremba D, Zhang Z, Zwiers MP, Artiges E, Assareh AA, Ayesa-Arriola R, Belger A, Brandt CL, Brown GG, Cichon S, Curran JE, Davies GE, Degenhardt F, Dennis MF, Dietsche B, Djurovic S, Doherty CP, Espiritu R, Garijo D, Gil Y, Gowland PA, Green RC, Häusler AN, Heindel W, Ho BC, Hoffmann WU, Holsboer F, Homuth G, Hosten N, Jack CR Jr, Jang M, Jansen A, Kimbrel NA, Kolskår K, Koops S, Krug A, Lim KO, Luykx JJ, Mathalon DH, Mather KA, Mattay VS, Matthews S, Mayoral Van Son J, McEwen SC, Melle I, Morris DW, Mueller BA, Nauck M, Nordvik JE, Nöthen MM, O'Leary DS, Opel N, Martinot MP, Pike GB, Preda A, Quinlan EB, Rasser PE, Ratnakar V, Reppermund S, Steen VM, Tooney PA, Torres FR, Veltman DJ, Voyvodic JT, Whelan R, White T, Yamamori H, Adams HHH, Bis JC, Debette S, Decarli C, Fornage M, Gudnason V, Hofer E, Ikram MA, Launer L, Longstreth WT, Lopez OL, Mazoyer B, Mosley TH, Roshchupkin GV, Satizabal CL, Schmidt R, Seshadri S, Yang Q; Alzheimer's Disease Neuroimaging Initiative; CHARGE Consortium; EPIGEN Consortium; IMAGEN Consortium; SYS Consortium; Parkinson's Progression Markers Initiative, Alvim MKM, Ames D, Anderson TJ, Andreassen OA, Arias-Vasquez A, Bastin ME, Baune BT, Beckham JC, Blangero J, Boomsma DI, Brodaty H, Brunner HG, Buckner RL, Buitelaar JK, Bustillo JR, Cahn W, Cairns MJ, Calhoun V, Carr VJ, Caseras X, Caspers S, Cavalleri GL, Cendes F, Corvin A, Crespo-Facorro B, Dalrymple-Alford JC, Dannlowski U, de Geus EJC, Deary IJ, Delanty N, Depondt C, Desrivières S, Donohoe G, Espeseth T, Fernández G, Fisher SE, Flor H, Forstner AJ, Francks C, Franke B, Glahn DC, Gollub RL, Grabe HJ, Gruber O, Håberg AK, Hariri AR, Hartman CA, Hashimoto R, Heinz A, Henskens FA, Hillegers MHJ, Hoekstra PJ, Holmes AJ, Hong LE, Hopkins WD, Hulshoff Pol HE, Jernigan TL, Jönsson EG, Kahn RS, Kennedy MA, Kircher TTJ, Kochunov P, Kwok JBJ, Le Hellard S, Loughland CM, Martin NG, Martinot JL, McDonald C, McMahon KL, Meyer-Lindenberg A, Michie PT, Morey RA, Mowry B, Nyberg L, Oosterlaan J, Ophoff RA, Pantelis C, Paus T, Pausova Z, Penninx BWJH, Polderman TJC, Posthuma D, Rietschel M, Roffman JL, Rowland LM, Sachdev PS, Sämann PG, Schall U, Schumann G, Scott RJ, Sim K, Sisodiya SM, Smoller JW, Sommer IE, St Pourcain B, Stein DJ, Toga AW, Trollor JN, Van der Wee NJA, van 't Ent D, Völzke H, Walter H, Weber B, Weinberger DR, Wright MJ, Zhou J, Stein JL, Thompson PM, Medland SE; Enhancing Neuroimaging Genetics through Meta-Analysis Consortium (ENIGMA)—Genetics working group

The genetic architecture of the human cerebral cortex. *Science*. 2020 Mar 20;367(6484). pii: eaay6690. doi: 10.1126/science.aay6690. *Faktor Journal (2019): 41,8*

15. Chen J, Patil KR, Weis S, Sim K, Nickl-Jockschat T, Zhou J, Aleman A, Sommer IE, Liemburg EJ, Hoffstaedter F, Habel U, Derntl B, Liu X, Fischer JM, Kogler L, Regenbogen C, Diwadkar VA, Stanley JA, Riedl V, Jardri R, Gruber O, Sotiras A, Davatzikos C, Eickhoff SB; Pharmacotherapy Monitoring and Outcome Survey (PHAMOUS) Investigators.

Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. *Biol Psychiatry*. 2019 Sep 23. pii: S0006-3223(19)31707-X. doi: 10.1016/j.biopsych.2019.08.031. [Epub ahead of print]. *Faktor Journal (2019): 12,1*

16. Satizabal CL, Adams HHH, Hibar DP, White CC, Knol MJ, Stein JL, Scholz M, Sargurupremraj M, Jahanshad N, Roshchupkin GV, Smith AV, Bis JC, Jian X, Luciano M, Hofer E, Teumer A, van der Lee SJ, Yang J, Yanek LR, Lee TV, Li S, Hu Y, Koh JY, Eicher JD, Desrivières S, Arias-Vasquez A, Chauhan G, Athanasiu L, Rentería ME, Kim S, Hoehn D, Armstrong NJ, Chen Q, Holmes AJ, den Braber A, Kloszewska I, Andersson M, Espeseth T, Grimm O, Abramovic L, Alhusaini S, Milaneschi Y, Pappmeyer M, Axelsson T, Ehrlich S, Roiz-Santiañez R, Kraemer B, Håberg AK,

Jones HJ, Pike GB, Stein DJ, Stevens A, Bralten J, Vernooij MW, Harris TB, Filippi I, Witte AV, Guadalupe T, Wittfeld K, Mosley TH, Becker JT, Doan NT, Hagenaars SP, Saba Y, Cuellar-Partida G, Amin N, Hilal S, Nho K, Mirza-Schreiber N, Arfanakis K, Becker DM, Ames D, Goldman AL, Lee PH, Boomsma DI, Lovestone S, Giddaluru S, Le Hellard S, Mattheisen M, Bohlken MM, Kasperaviciute D, Schmaal L, Lawrie SM, Agartz I, Walton E, Tordesillas-Gutierrez D, Davies GE, Shin J, Ipser JC, Vinke LN, Hoogman M, Jia T, Burkhardt R, Klein M, Crivello F, Janowitz D, Carmichael O, Haukvik UK, Aribisala BS, Schmidt H, Strike LT, Cheng CY, Risacher SL, Pütz B, Fleischman DA, Assareh AA, Mattay VS, Buckner RL, Mecocci P, Dale AM, Cichon S, Boks MP, Matarin M, Penninx BWJH, Calhoun VD, Chakravarty MM, Marquand AF, Macare C, Kharabian Masouleh S, Oosterlaan J, Amouyel P, Hegenscheid K, Rotter JI, Schork AJ, Liewald DCM, de Zubicaray GI, Wong TY, Shen L, Sämann PG, Brodaty H, Roffman JL, de Geus EJC, Tsolaki M, Erk S, van Eijk KR, Cavalleri GL, van der Wee NJA, McIntosh AM, Gollub RL, Bulayeva KB, Bernard M, Richards JS, Himali JJ, Loeffler M, Rommelse N, Hoffmann W, Westlye LT, Valdés Hernández MC, Hansell NK, van Erp TGM, Wolf C, Kwok JBJ, Vellas B, Heinz A, Olde Loohuis LM, Delanty N, Ho BC, Ching CRK, Shumskaya E, Singh B, Hofman A, van der Meer D, Homuth G, Psaty BM, Bastin ME, Montgomery GW, Foroud TM, Reppermund S, Hottenga JJ, Simmons A, Meyer-Lindenberg A, Cahn W, Whelan CD, van Donkelaar MMJ, Yang Q, Hosten N, Green RC, Thalamuthu A, Mohnke S, Hulshoff Pol HE, Lin H, Jack CR Jr, Schofield PR, Mühleisen TW, Maillard P, Potkin SG, Wen W, Fletcher E, Toga AW, Gruber O, Huentelman M, Davey Smith G, Launer LJ, Nyberg L, Jönsson EG, Crespo-Facorro B, Koen N, Greve DN, Uitterlinden AG, Weinberger DR, Steen VM, Fedko IO, Groenewold NA, Niessen WJ, Toro R, Tzourio C, Longstreth WT Jr, Ikram MK, Smoller JW, van Tol MJ, Sussmann JE, Paus T, Lemaître H, Schroeter ML, Mazoyer B, Andreassen OA, Holsboer F, Depondt C, Veltman DJ, Turner JA, Pausova Z, Schumann G, van Rooij D, Djurovic S, Deary IJ, McMahon KL, Müller-Myhsok B, Brouwer RM, Soininen H, Pandolfo M, Wassink TH, Cheung JW, Wolfers T, Martinot JL, Zwiers MP, Nauck M, Melle I, Martin NG, Kanai R, Westman E, Kahn RS, Sisodiya SM, White T, Saremi A, van Bokhoven H, Brunner HG, Völzke H, Wright MJ, van 't Ent D, Nöthen MM, Ophoff RA, Buitelaar JK, Fernández G, Sachdev PS, Rietschel M, van Haren NEM, Fisher SE, Beiser AS, Francks C, Saykin AJ, Mather KA, Romanczuk-Seiferth N, Hartman CA, DeStefano AL, Heslenfeld DJ, Weiner MW, Walter H, Hoekstra PJ, Nyquist PA, Franke B, Bennett DA, Grabe HJ, Johnson AD, Chen C, van Duijn CM, Lopez OL, Fornage M, Wardlaw JM, Schmidt R, DeCarli C, De Jager PL, Villringer A, Debette S, Gudnason V, Medland SE, Shulman JM, Thompson PM, Seshadri S, Ikram MA.

Genetic architecture of subcortical brain structures in 38,851 individuals. *Nat Genet.* 2019 Nov;51(11):1624-1636. doi: 10.1038/s41588-019-0511-y. Epub 2019 Oct 21. *Faktor Journal (2019): 27,6*

17. Wong TY, Radua J, Pomarol-Clotet E, Salvador R, Albajes-Eizagirre A, Solanes A, Canales-Rodriguez EJ, Guerrero-Pedraza A, Sarro S, Kircher T, Nenadic I, Krug A, Grotegerd D, Dannlowski U, Borgwardt S, Riecher-Rössler A, Schmidt A, Andreou C, Huber CG, Turner J, Calhoun V, Jiang W, Clark S, Walton E, Spalletta G, Banaj N, Piras F, Cuiullo V, Vecchio D, Lebedeva I, Tomyshev AS, Kaleda V, Klushnik T, Filho GB, Zanetti MV, Serpa MH, Penteadó Rosa PG, Hashimoto R, Fukunaga M, Richter A, Krämer B, Gruber O, Voineskos AN, Dickie EW, Tomecek D, Skoch A, Spaniel F, Hoschl C, Bertolino A, Bonvino A, Di Giorgio A, Holleran L, Ciufolini S, Marques TR, Dazzan P, Murray R, Lamsma J, Cahn W, van Haren N, Díaz-Zuluaga AM, Pineda-Zapata JA, Vargas C, López-Jaramillo C, van Erp TGM, Gur RC, Nickl-Jockschat T.

An overlapping pattern of cerebral cortical thinning is associated with both positive symptoms and aggression in schizophrenia via the ENIGMA consortium. *Psychol Med.* 2019 Oct 16:1-12. doi: 10.1017/S0033291719002149. [Epub ahead of print]. *Faktor Journal (2019): 3,9*

18. Richter A, Krämer B, Diekhof EK, Gruber O.  
Resilience to adversity is associated with increased activity and connectivity in the VTA and hippocampus. *Neuroimage Clin.* 2019;23:101920. doi: 10.1016/j.nicl.2019.101920. Epub 2019 Jul 2.
19. de Zwarte SMC, Brouwer RM, Agartz I, Alda M, Aleman A, Alpert KI, Bearden CE, Bertolino A, Bois C, Bonvino A, Bramon E, Buimer EEL, Cahn W, Cannon DM, Cannon TD, Caseras X, Castro-Fornieles J, Chen Q, Chung Y, De la Serna E, Di Giorgio A, Doucet GE, Eker MC, Erk S, Fears SC, Foley SF, Frangou S, Frankland A, Fullerton JM, Glahn DC, Goghari VM, Goldman AL, Gonul AS, Gruber O, de Haan L, Hajek T, Hawkins EL, Heinz A, Hillegers MHJ, Hulshoff Pol HE, Hultman CM, Ingvar M, Johansson V, Jönsson EG, Kane F, Kempton MJ, Koenis MMG, Kopecek M, Krabbendam L, Krämer B, Lawrie SM, Lenroot RK, Marcelis M, Marsman JC, Mattay VS, McDonald C, Meyer-Lindenberg A, Michielse S, Mitchell PB, Moreno D, Murray RM, Mwangi B, Najt P, Neilson E, Newport J, van Os J, Overs B, Ozerdem A, Picchioni MM, Richter A, Roberts G, Aydogan AS, Schofield PR, Simsek F, Soares JC, Sugranyes G, Toulopoulou T, Tronchin G, Walter H, Wang L, Weinberger DR, Whalley HC, Yalin N, Andreassen OA, Ching CRK, van Erp TGM, Turner JA, Jahanshad N, Thompson PM, Kahn RS, van Haren NEM.  
The Association Between Familial Risk and Brain Abnormalities Is Disease Specific: An ENIGMA-Relatives Study of Schizophrenia and Bipolar Disorder. *Biol Psychiatry.* 2019 Oct 1;86(7):545-556. doi: 10.1016/j.biopsych.2019.03.985. Epub 2019 Jun 13. *Faktor Journal (2019): 12,1*
20. Tognin S, van Hell HH, Merritt K, Winter-van Rossum I, Bossong MG, Kempton MJ, Modinos G, Fusar-Poli P, Mechelli A, Dazzan P, Maat A, De Haan L, Crespo-Facorro B, Glenthøj B, Lawrie SM, McDonald C, Gruber O, van Amelsvoort T, Arango Lopez C, Kircher T, Nelson B, Galderisi S, Bressan R, Kwon JS, Weiser M, Mizrahi R, Sachs G, Maatz A, Kahn R, McGuire P; PSYSCAN Consortium .  
Towards Precision Medicine in Psychosis: Benefits and Challenges of Multimodal Multicenter Studies-PSYSCAN: Translating Neuroimaging Findings From Research into Clinical Practice. *Schizophr Bull.* 2019 Aug 19. pii: sbz067. doi: 10.1093/schbul/sbz067. [Epub ahead of print]. *Faktor Journal (2018): 7,3*
21. de Kovel CGF, Aftanas L, Aleman A, Alexander-Bloch AF, Baune BT, Brack I, Bülow R, Busatto Filho G, Carballedo A, Connolly CG, Cullen KR, Dannlowski U, Davey CG, Dima D, Dohm K, Erwin-Grabner T, Frodl T, Fu CHY, Hall GB, Glahn DC, Godlewska B, Gotlib IH, Goya-Maldonado R, Grabe HJ, Groenewold NA, Grotegerd D, Gruber O, Harris MA, Harrison BJ, Hatton SN, Hickie IB, Ho TC, Jahanshad N, Kircher T, Krämer B, Krug A, Lagopoulos J, Leehr EJ, Li M, MacMaster FP, MacQueen G, McIntosh AM, McLellan Q, Medland SE, Mueller BA, Nenadic I, Osipov E, Pappmeyer M, Portella MJ, Reneman L, Rosa PGP, Sacchet MD, Schnell K, Schranz A, Sim K, Simulionyte E, Sindermann L, Singh A, Stein DJ, Ubani BN, Van der Wee NJA, Van der Werff SJA, Veer IM, Vives-Gilabert Y, Völzke H, Walter H, Walter M, Schreiner MW, Whalley H, Winter N, Wittfeld K, Yang TT, Yüksel D, Zaremba D, Thompson PM, Veltman DJ, Schmaal L, Francks C.  
No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. *Am J Psychiatry.* 2019 Jul 29;appiajp201918101144. doi: 10.1176/appi.ajp.2019.18101144. [Epub ahead of print]. *Faktor Journal (2018): 13,7*
22. Karrer TM, Bassett DS, Derntl B, Gruber O, Aleman A, Jardri R, Laird AR, Fox PT, Eickhoff SB, Grisel O, Varoquaux G, Thirion B, Bzdok D.  
Brain-based ranking of cognitive domains to predict schizophrenia. *Hum Brain Mapp.* 2019 Jul 16. doi: 10.1002/hbm.24716. [Epub ahead of print]. *Faktor Journal (2018): 4,6*

23. van Erp TGM, Walton E, Hibar DP, Schmaal L, Jiang W, Glahn DC, Pearlson GD, Yao N, Fukunaga M, Hashimoto R, Okada N, Yamamori H, Clark VP, Mueller BA, de Zwarte SMC, Ophoff RA, van Haren NEM, Andreassen OA, Gurholt TP, Gruber O, Kraemer B, Richter A, Calhoun VD, Crespo-Facorro B, Roiz-Santiañez R, Tordesillas-Gutiérrez D, Loughland C, Catts S, Fullerton JM, Green MJ, Henskens F, Jablensky A, Mowry BJ, Pantelis C, Quidé Y, Schall U, Scott RJ, Cairns MJ, Seal M, Tooney PA, Rasser PE, Cooper G, Shannon Weickert C, Weickert TW, Hong E, Kochunov P, Gur RE, Gur RC, Ford JM, Macciardi F, Mathalon DH, Potkin SG, Preda A, Fan F, Ehrlich S, King MD, De Haan L, Veltman DJ, Assogna F, Banaj N, de Rossi P, Iorio M, Piras F, Spalletta G, Pomarol-Clotet E, Kelly S, Ciufolini S, Radua J, Murray R, Marques TR, Simmons A, Borgwardt S, Schönborn-Harrisberger F, Riecher-Rössler A, Smieskova R, Alpert KI, Bertolino A, Bonvino A, Di Giorgio A, Neilson E, Mayer AR, Yun JY, Cannon DM, Lebedeva I, Tomyshev AS, Akhadov T, Kaleda V, Fatouros-Bergman H, Flyckt L; Karolinska Schizophrenia Project, Rosa PGP, Serpa MH, Zanetti MV, Hoschl C, Skoch A, Spaniel F, Tomecek D, McIntosh AM, Whalley HC, Knöchel C, Oertel-Knöchel V, Howells FM, Stein DJ, Temmingh HS, Uhlmann A, Lopez-Jaramillo C, Dima D, Faskowitz JI, Gutman BA, Jahanshad N, Thompson PM, Turner JA.

Reply to: New Meta- and Mega-analyses of Magnetic Resonance Imaging Findings in Schizophrenia: Do They Really Increase Our Knowledge About the Nature of the Disease Process? *Biol Psychiatry*. 2018 Nov 20. pii: S0006-3223(18)31935-8. doi: 10.1016/j.biopsych.2018.10.003. [Epub ahead of print] *Faktor Journal (2019): 12,1*

24. Lefort-Besnard J, Varoquaux G, Derntl B, Gruber O, Aleman A, Jardri R, Sommer I, Thirion B, Bzdok D.

Patterns of schizophrenia symptoms: hidden structure in the PANSS questionnaire. *Transl Psychiatry* 2018 Oct 30;8(1):237. *Faktor Journal (2017): 4,69*

25. Pläschke RN, Cieslik EC, Müller VI, Hoffstaedter F, Plachti A, Varikuti DP, Goosses M, Latz A, Caspers S, Jockwitz C, Moebus S, Gruber O, Eickhoff CR, Reetz K, Heller J, Südmeyer M, Mathys C, Caspers J, Grefkes C, Kalenscher T, Langner R, Eickhoff SB.

Corrigendum to "On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivity-based single-subject classification." *Hum Brain Mapp*. 2018 Nov;39(11):4633-4635. *Faktor Journal (2017): 4,93*

26. van Erp TGM, Walton E, Hibar DP, Schmaal L, Jiang W, Glahn DC, Pearlson GD, Yao N, Fukunaga M, Hashimoto R, Okada N, Yamamori H, Bustillo JR, Clark VP, Agartz I, Mueller BA, Cahn W, de Zwarte SMC, Hulshoff Pol HE, Kahn RS, Ophoff RA, van Haren NEM, Andreassen OA, Dale AM, Doan NT, Gurholt TP, Hartberg CB, Haukvik UK, Jørgensen KN, Lagerberg TV, Melle I, Westlye LT, Gruber O, Kraemer B, Richter A, Zilles D, Calhoun VD, Crespo-Facorro B, Roiz-Santiañez R, Tordesillas-Gutiérrez D, Loughland C, Carr VJ, Catts S, Cropley VL, Fullerton JM, Green MJ, Henskens FA, Jablensky A, Lenroot RK, Mowry BJ, Michie PT, Pantelis C, Quidé Y, Schall U, Scott RJ, Cairns MJ, Seal M, Tooney PA, Rasser PE, Cooper G, Shannon Weickert C, Weickert TW, Morris DW, Hong E, Kochunov P, Beard LM, Gur RE, Gur RC, Satterthwaite TD, Wolf DH, Belger A, Brown GG, Ford JM, Macciardi F, Mathalon DH, O'Leary DS, Potkin SG, Preda A, Voyvodic J, Lim KO, McEwen S, Yang F, Tan Y, Tan S, Wang Z, Fan F, Chen J, Xiang H, Tang S, Guo H, Wan P, Wei D, Bockholt HJ, Ehrlich S, Wolthuisen RPF, King MD, Shoemaker JM, Sponheim SR, De Haan L, Koenders L, Machielsen MW, van Amelsvoort T, Veltman DJ, Assogna F, Banaj N, de Rossi P, Iorio M, Piras F, Spalletta G, McKenna PJ, Pomarol-Clotet E, Salvador R, Corvin A, Donohoe G, Kelly S, Whelan CD, Dickie EW, Rotenberg D, Voineskos AN, Ciufolini S, Radua J, Dazzan P, Murray R, Reis Marques T, Simmons A, Borgwardt S, Egloff L, Harrisberger F, Riecher-Rössler A, Smieskova R, Alpert KI, Wang L, Jönsson EG, Koops S, Sommer IEC, Bertolino A, Bonvino A, Di Giorgio A, Neilson E, Mayer AR, Stephen JM, Kwon JS,

Yun JY, Cannon DM, McDonald C, Lebedeva I, Tomyshev AS, Akhadov T, Kaleda V, Fatouros-Bergman H, Flyckt L; Karolinska Schizophrenia Project, Busatto GF, Rosa PGP, Serpa MH, Zanetti MV, Hoschl C, Skoch A, Spaniel F, Tomecek D, Hagensars SP, McIntosh AM, Whalley HC, Lawrie SM, Knöchel C, Oertel-Knöchel V, Stäblein M, Howells FM, Stein DJ, Temmingh HS, Uhlmann A, Lopez-Jaramillo C, Dima D, McMahon A, Faskowitz JI, Gutman BA, Jahanshad N, Thompson PM, Turner JA.

Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. *Biol Psychiatry*. 2018 Nov 1;84(9):644-654. *Faktor Journal (2017): 11,99*

27. Reinbold CS, Forstner AJ, Hecker J, Fullerton JM, Hoffmann P, Hou L, Heilbronner U, Degenhardt F, Adli M, Akiyama K, Akula N, Ardau R, Arias B, Backlund L, Benabarre A, Bengesser S, Bhattacharjee AK, Biernacka JM, Birner A, Marie-Claire C, Cervantes P, Chen GB, Chen HC, Chillotti C, Clark SR, Colom F, Cousins DA, Cruceanu C, Czerski PM, Dayer A, Étain B, Falkai P, Frisé L, Gard S, Garnham JS, Goes FS, Grof P, Gruber O, Hashimoto R, Hauser J, Herms S, Jamain S, Jiménez E, Kahn JP, Kassem L, Kittel-Schneider S, Kliwicki S, König B, Kusumi I, Lackner N, Laje G, Landén M, Lavebratt C, Leboyer M, Leckband SG, López Jaramillo CA, MacQueen G, Manchia M, Martinsson L, Mattheisen M, McCarthy MJ, McElroy SL, Mitjans M, Mondimore FM, Monteleone P, Nievergelt CM, Ösby U, Ozaki N, Perlis RH, Pfennig A, Reich-erkelenz D, Rouleau GA, Schofield PR, Schubert KO, Schweizer BW, Seemüller F, Severino G, Shekhtman T, Shilling PD, Shimoda K, Simhandl C, Slaney CM, Smoller JW, Squassina A, Stamm TJ, Stopkova P, Tighe SK, Tortorella A, Turecki G, Volkert J, Witt SH, Wright AJ, Young LT, Zandi PP, Potash JB, DePaulo JR, Bauer M, Reininghaus E, Novák T, Aubry JM, Maj M, Baune BT, Mitchell PB, Vieta E, Frye MA, Rybakowski JK, Kuo PH, Kato T, Grigoriou-Serbanescu M, Reif A, Del Zompo M, Bellivier F, Schalling M, Wray NR, Kelsoe JR, Alda M, McMahon FJ, Schulze TG, Rietschel M, Nöthen MM, Cichon S.

Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. *Front Psychiatry* 2018 May 31;9:207. eCollection 2018. *Faktor Journal (2017): 2,86*

28. Chechko N, Cieslik EC, Müller VI, Nickl-Jockschat T, Derntl B, Kogler L, Aleman A, Jardri R, Sommer IE, Gruber O, Eickhoff SB.

Differential Resting-State Connectivity Patterns of the Right Anterior and Posterior Dorsolateral Prefrontal Cortices (DLPFC) in Schizophrenia. *Front Psychiatry*. 2018 May 28;9:211. eCollection 2018. *Faktor Journal (2017): 2,86*

29. Kong XZ, Mathias SR, Guadalupe T; ENIGMA Laterality Working Group, Glahn DC, Franke B, Crivello F, Tzourio-Mazoyer N, Fisher SE, Thompson PM, Francks C.

Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. *Proc Natl Acad Sci U S A*. 2018 May 29;115(22):E5154-E5163. Epub 2018 May 15. *Faktor Journal (2017): 9,51*

30. Müller DJ, Brandl EJ, Degenhardt F, Domschke K, Grabe H, **Gruber O**, Hebebrand J, Maier W, Menke A, Riemenschneider M, Rietschel M, Rujescu D, Schulze TG, Tebartz van Elst L, Tüscher O, Deckert J; das DGPPN Referat Neurobiologie und Genetik.

Pharmacogenetics in psychiatry: state of the art. *Nervenarzt*. 2018 Mar;89(3):290-299. *Impact Faktor Journal (2017): 0,74*

31. Richter A, **Gruber O**.

Influence of ventral tegmental area input on cortico-subcortical networks underlying action control and decision making. *Hum Brain Mapp*. 2018 Feb;39(2):1004-101422. *Impact Faktor Journal (2017): 4,93*

32. Lefort-Besnard J, Bassett DS, Smallwood J, Margulies DS, Derntl B, **Gruber O**, Aleman A, Jardri R, Varoquaux G, Thirion B, Eickhoff SB, Bzdok D.  
Different shades of default mode disturbance in schizophrenia: Subnodal covariance estimation in structure and function. *Hum Brain Mapp.* 2018 Feb;39(2):1004-1014. *Impact Faktor Journal (2017): 4,93*
33. Frölich L, Peters O, Lewczuk P, **Gruber O**, Teipel SJ, Gertz HJ, Jahn H, Jessen F, Kurz A, Luckhaus C, Hüll M, Pantel J, Reischies FM, Schröder J, Wagner M, Rienhoff O, Wolf S, Bauer C, Schuchhardt J, Heuser I, Rütger E, Henn F, Maier W, Wiltfang J, Kornhuber J.  
Incremental value of biomarker combinations to predict progression of mild cognitive impairment to Alzheimer's dementia. *Alzheimers Res Ther.* 2017 Oct 10;9(1):84. doi: 10.1186/s13195-017-0301-7. *Impact Faktor Journal (2017): 5,02*
34. Pläschke RN, Cieslik EC, Müller VI, Hoffstaedter F, Plachti A, Varikuti DP, Goosses M, Latz A, Caspers S, Jockwitz C, Moebus S, **Gruber O**, Eickhoff CR, Reetz K, Heller J, Südmeyer M, Mathys C, Caspers J, Grefkes C, Kalenscher T, Langner R, Eickhoff SB  
On the integrity of functional brain networks in schizophrenia, Parkinson's disease, and advanced age: Evidence from connectivity-based single-subject classification. *Hum Brain Mapp.* 2017 Dec;38(12):5845-5858. doi: 10.1002/hbm.23763. Epub 2017 Sep 6. Erratum in: *Hum Brain Mapp.* 2018 Nov;39(11):4633-4635. *Impact Faktor Journal (2017): 4,93*
35. Brodmann K, **Gruber O**, Goya-Maldonado R.  
Intranasal Oxytocin Selectively Modulates Large-Scale Brain Networks in Humans. *Brain Connect.* 2017 Sep;7(7):454-463 [Epub ahead of print]. *Impact Faktor Journal (2017):-*
36. Walton E, Hibar DP, van Erp TGM, Potkin SG, Roiz-Santiañez R, Crespo-Facorro B, Suarez-Pinilla P, van Haren NEM, de Zwarte SMC, Kahn RS, Cahn W, Doan NT, Jørgensen KN, Gurholt TP, Agartz I, Andreassen OA, Westlye LT, Melle I, Berg AO, Mørch-Johnsen L, Færden A, Flyckt L, Fatouros-Bergman H; Karolinska Schizophrenia Project Consortium (KaSP), Jönsson EG, Hashimoto R, Yamamori H, Fukunaga M, Jahanshad N, De Rossi P, Piras F, Banaj N, Spalletta G, Gur RE, Gur RC, Wolf DH, Satterthwaite TD, Beard LM, Sommer IE, Koops S, **Gruber O**, Richter A, Krämer B, Kelly S, Donohoe G, McDonald C, Cannon DM, Corvin A, Gill M, Di Giorgio A, Bertolino A, Lawrie S, Nickson T, Whalley HC, Neilson E, Calhoun VD, Thompson PM, Turner JA, Ehrlich S; Karolinska Schizophrenia Project consortium (KaSP).  
Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. *Psychol Med.* 2018 Jan;48(1):82-94. doi: 10.1017/S0033291717001283. Epub 2017 May 26. *Impact Faktor Journal (2017): 5,48*
37. Hibar DP, Westlye LT, Doan NT, Jahanshad N, Cheung JW, Ching CRK, Versace A, Bilderbeck AC, Uhlmann A, Mwangi B, Krämer B, Overs B, Hartberg CB, Abé C, Dima D, Grotegerd D, Sprooten E, Bøen E, Jimenez E, Howells FM, Delvecchio G, Temmingh H, Starke J, Almeida JRC, Goikolea JM, Houenou J, Beard LM, Rauer L, Abramovic L, Bonnín M, Ponteduro MF, Keil M, Rive MM, Yao N, Yalin N, Najt P, Rosa PG, Redlich R, Trost S, Hagenaars S, Fears SC, Alonso-Lana S, van Erp TGM, Nickson T, Chaim-Avincini TM, Meier TB, Elvsåshagen T, Haukvik UK, Lee WH, Schene AH, Lloyd AJ, Young AH, Nugent A, Dale AM, Pfennig A, McIntosh AM, Lafber B, Baune BT, Ekman CJ, Zarate CA, Bearden CE, Henry C, Simhandl C, McDonald C, Bourne C, Stein DJ, Wolf DH, Cannon DM, Glahn DC, Veltman DJ, Pomarol-Clotet E, Vieta E, Canales-Rodriguez EJ, Nery FG, Duran FLS, Busatto GF, Roberts G, Pearlson GD, Goodwin GM, Kugel H, Whalley HC, Ruhe HG, Soares JC, Fullerton JM, Rybakowski JK, Savitz J, Chaim KT, Fatjó-Vilas M, Soeiro-de-Souza MG, Boks MP, Zanetti MV, Otaduy MCG, Schaufelberger MS, Alda M, Ingvar M, Phillips ML, Kempton MJ, Bauer M, Landén M, Lawrence NS, van Haren NEM, Horn

NR, Freimer NB, **Gruber O**, Schofield PR, Mitchell PB, Kahn RS, Lenroot R, Machado-Vieira R, Ophoff RA, Sarró S, Frangou S, Satterthwaite TD, Hajek T, Dannlowski U, Malt UF, Arolt V, Gattaz WF, Drevets WC, Caseras X, Agartz I, Thompson PM, Andreassen OA.

Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. *Mol Psychiatry*. 2018 Apr;23(4):932-942. doi: 10.1038/mp.2017.73. Epub 2017 May 2. *Impact Faktor Journal (2017)*: 11,64

38. Walton E, Hibar DP, van Erp TG, Potkin SG, Roiz-Santiañez R, Crespo-Facorro B, Suarez-Pinilla P, Van Haren NE, de Zwarte SM, Kahn RS, Cahn W, Doan NT, Jørgensen KN, Gurholt TP, Agartz I, Andreassen OA, Westlye LT, Melle I, Berg AO, Mørch-Johnsen L, Faerden A, Flyckt L, Fatouros-Bergman H; Karolinska Schizophrenia Project Consortium (KaSP), Jönsson EG, Hashimoto R, Yamamori H, Fukunaga M, Preda A, De Rossi P, Piras F, Banaj N, Ciullo V, Spalletta G, Gur RE, Gur RC, Wolf DH, Satterthwaite TD, Beard LM, Sommer IE, Koops S, **Gruber O**, Richter A, Krämer B, Kelly S, Donohoe G, McDonald C, Cannon DM, Corvin A, Gill M, Di Giorgio A, Bertolino A, Lawrie S, Nickson T, Whalley HC, Neilson E, Calhoun VD, Thompson PM, Turner JA, Ehrlich S.

Positive symptoms associate with cortical thinning in the superior temporal gyrus via the ENIGMA Schizophrenia consortium. *Acta Psychiatr Scand*. 2017 May;135(5):439-447. doi: 10.1111/acps.12718. Epub 2017 Mar 29. *Impact Faktor Journal (2017)*: 4,98

39. Krämer B, Diekhof EK, **Gruber O**.

Effects of city living on the mesolimbic reward system-An fmri study. *Hum Brain Mapp*. 2017 Apr 11. doi: 10.1002/hbm.23600. [Epub ahead of print] *Impact Faktor Journal (2017)*: 4,93

40. Hibar DP, Adams HH, Jahanshad N, Chauhan G, Stein JL, Hofer E, Renteria ME, Bis JC, Arias-Vasquez A, Ikram MK, Desrivieres S, Vernooij MW, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beecham AH, Beiser A, Bernard M, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chen Q, Ching CR, Chouraki V, Cuellar-Partida G, Crivello F, Den Braber A, Doan NT, Ehrlich S, Giddaluru S, Goldman AL, Gottesman RF, Grimm O, Griswold ME, Guadalupe T, Gutman BA, Hass J, Haukvik UK, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Jørgensen KN, Karbalai N, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand AF, Matarin M, Mather KA, Mattheisen M, McKay DR, Milaneschi Y, Muñoz Maniega S, Nho K, Nugent AC, Nyquist P, Loohuis LM, Oosterlaan J, Pappmeyer M, Pirpamer L, Pütz B, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Ropele S, Rose EJ, Royle NA, Rundek T, Sämann PG, Saremi A, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Trompet S, Vaidya D, Van der Grond J, Van der Lee SJ, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Wittfeld K, Woldehawariat G, Wolf C, Wolfers T, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Craen AJ, De Geus EJ, De Jager PL, De Zubicaray GI, Deary IJ, Debette S, DeCarli C, Delanty N, Depondt C, DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Green RC, **Gruber O**, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG,

Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huentelman M, Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tsolaki M, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, van der Lugt A, van der Wee NJ, Van Haren NE, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B, Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA.

Novel genetic loci associated with hippocampal volume. *Nat Commun.* 2017 Jan 18;8:13624. *Impact Faktor Journal (2017): 12,35*

41. Chahine G, Richter A, Wolter S, Goya-Maldonado R, **Gruber O.**

Disruptions in the left frontoparietal network underlie resting state endophenotypic markers in schizophrenia. *Hum Brain Mapp.* 2017 Apr;38(4):1741-1750. *Impact Faktor Journal (2017): 4,93*

42. Ritter PS, Bempohl F, **Gruber O,** Hautzinger M, Jansen A, Juckel G, Kircher T, Lambert M, Mulert C, Pfennig A, Reif A, Rienhoff O, Schulze TG, Severus E, Stamm T, Bauer M.

Aims and structure of the German Research Consortium BipolarLife for the study of bipolar disorder. *Int J Bipolar Disord.* 2016 Dec;4(1):26. Review. *Impact Faktor Journal (2017):-*

43. Adams HH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Rentería ME, Trompet S, Arias-Vasquez A, Seshadri S, Desrivières S, Beecham AH, Jahanshad N, Wittfeld K, Van der Lee SJ, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beiser A, Bernard M, Bis JC, Blanken LM, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chauhan G, Chen Q, Ching CR, Cuellar-Partida G, Braber AD, Doan NT, Ehrlich S, Filippi I, Ge T, Giddaluru S, Goldman AL, Gottesman RF, Greven CU, Grimm O, Griswold ME, Guadalupe T, Hass J, Haukvik UK, Hilal S, Hofer E, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liao J, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand A, Matarin M, Mather KA, Mattheisen M, Mazoyer B, McKay DR, McWhirter R, Milanesechi Y, Mirza-Schreiber N, Muetzel RL, Maniega SM, Nho K, Nugent AC, Loohuis LM, Oosterlaan J, Pappmeyer M, Pappa I, Pirpamer L, Pudas S, Pütz B, Rajan KB, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Rose EJ, Royle NA, Rundek T, Sämann PG, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Thomson R, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Vaidya D, Van der Grond J, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Woldehawariat G, Wolf C, Wolfers T, Xu B, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Aggarwal NT, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Chen C, Cheng CY, Cichon S,

Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Geus EJ, De Jager PL, de Zubicaray GI, Delanty N, Depondt C, DeStefano AL, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Erk S, Espeseth T, Evans DA, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Grabe HJ, Green RC, Gruber O, Gudnason V, Guelfi S, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Pol HE, Ikeda M, Ikram MK, Jr CR, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Jr WT, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon KL, McMahon FJ, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schofield PR, Sigurdsson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Srikanth V, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Tiemeier H, Toga AW, Traynor BJ, Troncoso J, Turner JA, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, Van der Lugt A, Van der Wee NJ, Van Duijn CM, Van Haren NE, Van T Ent D, Van Tol MJ, Vardarajan BN, Veltman DJ, Vernooij MW, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke HR, Zonderman AB, Deary IJ, DeCarli C, Schmidt H, Martin NG, De Craen AJ, Wright MJ, Launer LJ, Schumann G, Fornage M, Franke B, Debetto S, Medland SE, Ikram MA, Thompson PM. **(2016)**

Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nat Neurosci.* 2016 Dec;19(12):1569-1582. *Impactfaktor Journal (2017): 19,92*

44. Guadalupe T, Mathias SR, vanErp TG, Whelan CD, Zwiers MP, Abe Y, Abramovic L, Agartz I, Andreassen OA, Arias-Vásquez A, Aribisala BS, Armstrong NJ, Arolt V, Artiges E, Ayesa-Arriola R, Baboyan VG, Banaschewski T, Barker G, Bastin ME, Baune BT, Blangero J, Bokde AL, Boedhoe PS, Bose A, Brem S, Brodaty H, Bromberg U, Brooks S, Büchel C, Buitelaar J, Calhoun VD, Cannon DM, Cattrell A, Cheng Y, Conrod PJ, Conzelmann A, Corvin A, Crespo-Facorro B, Crivello F, Dannlowski U, de Zubicaray GI, de Zwarte SM, Deary IJ, Desrivières S, Doan NT, Donohoe G, Dørum ES, Ehrlich S, Espeseth T, Fernández G, Flor H, Fouche JP, Frouin V, Fukunaga M, Gallinat J, Garavan H, Gill M, Suarez AG, Gowland P, Grabe HJ, Grotegerd D, Gruber O, Hagenaars S, Hashimoto R, Hauser TU, Heinz A, Hibar DP, Hoekstra PJ, Hoogman M, Howells FM, Hu H, Hulshoff Pol HE, Huyser C, Ittermann B, Jahanshad N, Jönsson EG, Jurk S, Kahn RS, Kelly S, Kraemer B, Kugel H, Kwon JS, Lemaitre H, Lesch KP, Lochner C, Luciano M, Marquand AF, Martin NG, Martínez-Zalacáin I, Martinot JL, Mataix-Cols D, Mather K, McDonald C, McMahon KL, Medland SE, Menchón JM, Morris DW, Mothersill O, Maniega SM, Mwangi B, Nakamae T, Nakao T, Narayanaswamy JC, Nees F, Nordvik JE, Onnink AM, Opel N, Ophoff R, Paillère Martinot ML, Papadopoulos Orfanos D, Pauli P, Paus T, Poustka L, Reddy JY, Renteria ME, Roiz-Santiáñez R, Roos A, Royle NA, Sachdev P, Sánchez-Juan P, Schmaal L, Schumann G, Shumskaya E, Smolka MN, Soares JC, Soriano-Mas C, Stein DJ, Strike LT, Toro R, Turner JA, Tzourio-Mazoyer N, Uhlmann A, Hernández MV, van den Heuvel OA, van der Meer D, van Haren NE, Veltman DJ, Venkatasubramanian G, Vetter NC, Vuletic D, Walitza S, Walter H, Walton E, Wang Z, Wardlaw J, Wen W, Westlye LT, Whelan R, Wittfeld K, Wolfers T, Wright MJ, Xu J, Xu X, Yun JY, Zhao J, Franke B, Thompson PM, Glahn DC, Mazoyer B, Fisher SE, Francks C. **(2016)**

Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. [Brain Imaging Behav.](#) 2017 Oct;11(5):1497-1514. *Impactfaktor Journal (2017): 3,72*

45. Wise T, Radua J, Via E, Cardoner N, Abe O, Adams TM, Amico F, Cheng Y, Cole JH, de Azevedo Marques Périco C, Dickstein DP, Farrow TF, Frodl T, Wagner G, Gotlib IH, **Gruber O**, Ham BJ, Job DE, Kempton MJ, Kim MJ, Koolschijn PC, Malhi GS, Mataix-Cols D, McIntosh AM, Nugent AC, O'Brien JT, Pezzoli S, Phillips ML, Sachdev PS, Salvatore G, Selvaraj S, Stanfield AC, Thomas AJ, van Tol MJ, van der Wee NJ, Veltman DJ, Young AH, Fu CH, Cleare AJ, Arnone D. **(2016)**

Common and distinct patterns of grey-matter volume alteration in major depression and bipolar disorder: evidence from voxel-based meta-analysis. *Mol Psychiatry*. May 24.[Epub ahead of print]. *Impactfaktor Journal (2017): 11,64*

46. Trost S, Diekhof EK, Mohr H, Vieker H, Krämer B, Wolf C, Keil M, Dechent P, Binder EB, **Gruber O**. **(2016)**

Investigating the Impact of a Genome-Wide Supported Bipolar Risk Variant of MAD1L1 on the Human Reward System. *Neuropsychopharmacology*. 2016 Oct;41(11):2679-87. *Impactfaktor Journal (2017): 6,54*

47. Schmaal L, Hibar DP, Sämann PG, Hall GB, Baune BT, Jahanshad N, Cheung JW, van Erp TG, Bos D, Ikram MA, Vernooij MW, Niessen WJ, Tiemeier H, Hofman A, Wittfeld K, Grabe HJ, Janowitz D, Bülow R, Selonke M, Völzke H, Grotegerd D, Dannlowski U, Arolt V, Opel N, Heindel W, Kugel H, Hoehn D, Czisch M, Couvy-Duchesne B, Rentería ME, Strike LT, Wright MJ, Mills NT, de Zubicaray GI, McMahon KL, Medland SE, Martin NG, Gillespie NA, Goya-Maldonado R, **Gruber O**, Krämer B, Hatton SN, Lagopoulos J, Hickie IB, Frodl T, Carballedo A, Frey EM, van Velzen LS, Penninx BW, van Tol MJ, van der Wee NJ, Davey CG, Harrison BJ, Mwangi B, Cao B, Soares JC, Veer IM, Walter H, Schoepf D, Zurowski B, Konrad C, Schramm E, Normann C, Schnell K, Sacchet MD, Gotlib IH, MacQueen GM, Godlewska BR, Nickson T, McIntosh AM, Pappmeyer M, Whalley HC, Hall J, Sussmann JE, Li M, Walter M, Aftanas L, Brack I, Bokhan NA, Thompson PM, Veltman DJ. (2016)

Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Order Working Group. *Mol Psychiatry*. May 3. [Epub ahead of print]. *Impactfaktor Journal* (2017): 11,64

48. Poepl TB, Müller VI, Hoffstaedter F, Bzdok D, Laird AR, Fox PT, Langguth B, Rupprecht R, Sorg C, Riedl V, Goya-Maldonado R, **Gruber O**, Eickhoff SB. (2016)

Imbalance in subregional connectivity of the right temporoparietal junction in major depression. *Hum Brain Mapp*. 2016 Aug;37(8):2931-42. *Impactfaktor Journal* (2017): 4,93

49. Schilbach L, Derntl B, Aleman A, Caspers S, Clos M, Diederer KM, **Gruber O**, Kogler L, Liemburg EJ, Sommer IE, Müller VI, Cieslik EC, Eickhoff SB. (2016)

Differential Patterns of Dysconnectivity in Mirror Neuron and Mentalizing Networks in Schizophrenia. *Schizophr Bull*. 2016 Sep;42(5):1135-48. *Impactfaktor Journal* (2017): 6,94

50. Schilbach L, Hoffstaedter F, Müller V, Cieslik EC, Goya-Maldonado R, Trost S, Sorg C, Riedl V, Jardri R, Sommer I, Kogler L, Derntl B, **Gruber O**, Eickhoff SB. (2015)

Transdiagnostic commonalities and differences in resting state functional connectivity of the default mode network in schizophrenia and major depression. *Neuroimage Clin*. Dec 2;10:326-35. eCollection 2016. *Impactfaktor Journal* (2017): 3,87

51. Schmaal L, Veltman DJ, van Erp TG, Sämann PG, Frodl T, Jahanshad N, Loehrer E, Vernooij MW, Niessen WJ, Ikram MA, Wittfeld K, Grabe HJ, Block A, Hegenscheid K, Hoehn D, Czisch M, Lagopoulos J, Hatton SN, Hickie IB, Goya-Maldonado R, Krämer B, **Gruber O**, Couvy-Duchesne B, Rentería ME, Strike LT, Wright MJ, de Zubicaray GI, McMahon KL, Medland SE, Gillespie NA, Hall GB, van Velzen LS, van Tol MJ, van der Wee NJ, Veer IM, Walter H, Schramm E, Normann C, Schoepf D, Konrad C, Zurowski B, McIntosh AM, Whalley HC, Sussmann JE, Godlewska BR, Fischer FH, Penninx BW, Thompson PM, Hibar DP. (2016)

Response to Dr Fried & Dr Kievit, and Dr Malhi et al. *Mol Psychiatry*. 2016 Jun;21(6):726-8. *Impactfaktor Journal* (2017):11,64

52. Hou L, Heilbronner U, Degenhardt F, Adli M, Akiyama K, Akula N, Ardu R, Arias B, Backlund L, Banzato CE, Benabre A, Bengesser S, Bhattacharjee AK, Biernacka JM, Birner A, Brichant-Petitjean C, Bui ET, Cervantes P, Chen GB, Chen HC, Chillotti C, Cichon S, Clark SR, Colom F, Cousins DA, Cruceanu C, Czerski PM, Dantas CR, Dayer A, Étain B, Falkai P, Forstner AJ, Frisén L, Fullerton JM, Gard S, Garnham JS, Goes FS, Grof P, **Gruber O**, Hashimoto R, Hauser J, Herms S, Hoffmann P, Hofmann A, Jamain S, Jiménez E, Kahn JP, Kassem L, Kittel-Schneider S, Kliwicky S, König B, Kusumi I, Lackner N, Laje G, Landén M, Lavebratt C, Leboyer M, Leckband SG, Jaramillo CA, MacQueen G, Manchia M, Martinsson L, Mattheisen M, McCarthy MJ, McElroy SL, Mitjans M, Mondimore FM, Monteleone P, Nievergelt CM, Nöthen MM, Ösby U, Ozaki N, Perlis RH, Pfennig A, Reich-Erkelenz D, Rouleau GA, Schofield PR, Schubert KO, Schweizer BW,

Seemüller F, Severino G, Shekhtman T, Shilling PD, Shimoda K, Simhandl C, Slaney CM, Smoller JW, Squassina A, Stamm T, Stopkova P, Tighe SK, Tortorella A, Turecki G, Volkert J, Witt S, Wright A, Young LT, Zandi PP, Potash JB, DePaulo JR, Bauer M, Reininghaus EZ, Novák T, Aubry JM, Maj M, Baune BT, Mitchell PB, Vieta E, Frye MA, Rybakowski JK, Kuo PH, Kato T, Grigoriou-Serbanescu M, Reif A, Del Zompo M, Bellivier F, Schalling M, Wray NR, Kelsoe JR, Alda M, Rietschel M, McMahon FJ, Schulze TG. **(2016)**

Genetic variants associated with response to lithium treatment in bipolar disorder: a genome-wide association study. *Lancet*. 2016 Mar 12;387(10023):1085-93. *Impactfaktor Journal (2017): 53,25*

53. Franke B, Stein JL, Ripke S, Anttila V, Hibar DP, van Hulzen KJ, Arias-Vasquez A, Smoller JW, Nichols TE, Neale MC, McIntosh AM, Lee P, McMahon FJ, Meyer-Lindenberg A, Mattheisen M, Andreassen OA, **Gruber O**, Sachdev PS, Roiz-Santiañez R, Saykin AJ, Ehrlich S, Mather KA, Turner JA, Schwarz E, Thalamuthu A, Yao Y, Ho YY, Martin NG, Wright MJ; Schizophrenia Working Group of the Psychiatric Genomics Consortium; Psychosis Endophenotypes International Consortium; Wellcome Trust Case Control Consortium 2; Enigma Consortium, O'Donovan MC, Thompson PM, Neale BM, Medland SE, Sullivan PF. **(2016)**

Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nat Neurosci*. Mar;19(3):420-31. *Impactfaktor Journal (2017): 19,91*

54. Andreassen, O., Hibar, D., Westlye, L., van Erp, T., Rasmussen, J., Leonardo, C., Haukvik, U. K., Hartberg, C., Doan, N. T., Agartz, I., Dale, A., **Gruber, O.**, Krämer, B., Trost, S., Liberg, B., Ekman, C., Ingvar, M., Landén, M., Fears, S., Freimer, N., Bearden, C., Glahn, D., Pearlson, G., Emsell, L., Kenney, J., Scanlon, C., McDonald, C., Cannon, D. M., Almeida, J., Versace, A., Caseras, X., Lawrence, N., Phillips, M., Dima, D., Delvecchio, G., Frangou, S., Satterthwaite, T., Wolf, D., Houenou, J., Henry, C., Malt, U. F., Bøen, E., Elvsåshagen, T., Young, A., Lloyd, A., Goodwin, G. M., Mackay, C., Bourne, C., Bilderbeck, A., Abramovic, L., Boks, M., van Haren, N., Ophoff, R., Kahn, R. S., Bauer, M., Pfennig, A., Alda, M., Hajek, T., Mwangi, B., Soares, J., Nickson, T., Dimitrova, R., Sussmann, J., Hagenaars, S., Whalley, H., McIntosh, A., Thompson, P., Faskowitz, J., Abe, C., Sprooten, E. **(2015)**

Subcortical volumetric abnormalities in bipolar disorder. *Molecular Psychiatry*. Apr;21(4):547-53. *Impactfaktor Journal (2017): 11,64*

55. Zilles, D., Lewandowski, M., Vieker, H., Henseler, I., Diekhof, E., Melcher, T., Keil, M., **Gruber, O. (2016)**

Gender differences in verbal and visuospatial working memory performance and networks. *Neuropsychobiology*. 73(1):52-63. *Impactfaktor Journal (2017): 1,42*

56. Bludau, S., Bzdok, D., **Gruber, O.**, Kohn, N., Riedl, V., Sorg, C., Palomero-Gallagher, N., Müller, V. I., Hoffstaedter, F., Amunts, K., Eickhoff, S. B. **(2016)**

Medial prefrontal aberrations in major depressive disorder revealed by cytoarchitectonically informed voxel-based morphometry. *American Journal of Psychiatry*. Mar 1;173(3):291-8. Epub ahead of print. *Impactfaktor Journal (2017): 13,34*

57. Richter, A., Petrovic, A., Diekhof, E. K., Trost, S., Wolter, S., **Gruber, O. (2015)**

Hyperresponsivity and impaired prefrontal control of the mesolimbic reward system in schizophrenia. *Journal of Psychiatric Research*. 71: 8–15. *Impactfaktor Journal (2017): 4,0*

58. Engel, K. R., Obst, K., Bandelow, B., Dechent, P., **Gruber, O.**, Zerr, I., Ulrich, K., Wedekind, D. **(2015)**  
Functional MRI activation in response to panic-specific, non-panic aversive, and neutral pictures in patients with panic disorder and healthy controls. *European Archives of Psychiatry and Clinical Neuroscience*. Nov 19 Epub ahead of print. *Impactfaktor Journal (2017): 3,62*
59. Goya-Maldonado, R., Brodmann, K., Keil, M., Trost, S., Dechent, P., **Gruber, O. (2016)**  
Differentiating unipolar and bipolar depression by alterations in large-scale brain networks. *Human Brain Mapping*. Feb;37(2):808-18. Epub ahead of print. *Impactfaktor Journal (2017): 4,93*
60. Schilbach, L., Hoffstaedter, F., Müller, V., Cieslik, E., Goya-Maldonado, R., Trost, S., Sorg, C., Riedl, V., Jardri, R., Sommer, I., Kogler, L., Derntl, B., **Gruber, O.**, Eickhoff, S. B. **(2015)**  
Transdiagnostic commonalities and differences in resting state functional connectivity of the default mode network in schizophrenia and major depression. *Neuroimage Clin*. 2015 Dec 2;10:326-35. *Impactfaktor Journal (2017): 3,87*
61. Chahine, G., Diekhof, E. K., Tinnermann, A., **Gruber, O. (2015)**  
On the role of the anterior prefrontal cortex in cognitive „branching“: an fMRI study. *Neuropsychologia*. 77: 421–429. *Impactfaktor Journal (2017): 2,89*
62. Krämer, B., Gruber, O. (2015)  
Dynamic amygdala influences on fronto-striatal brain mechanisms involved in self-control of impulsive desires. *Neuropsychobiology*. 72(1): 37–45. *Impactfaktor Journal (2017): 1,42*
63. Schmaal, L., Veltmann, D., van Erp, T., Saemann, P., Frodl, T., Jahanshad, N., Loehrer, E., Tiemeier, H., Hofman, A., Niessen, W., Vernooij, M., Ikram, M., Wittfeld, K., Grabe, H. J., Schulz, A., Hegenscheid, K., Völzke, H., Hoehn, D., Czisch, M., Lagopoulos, J., Hatton, S., Hickie, I., Goya-Maldonado, R., Krämer, B., **Gruber, O.**, Couvy-Duchesne, B., Rentería, M., Strike, L., Mills, N., de Zubicaray, G., McMahon, K., Medland, S., Martin, N., Gillespie, N., Wright, M., Hall, G., MacQueen, G., Frey, E., Carballedo, A., van Velzen, L., van Tol, M., van der Wee, N., Veer, I., Walter, H., Schnell, K., Schramm, E., Schoepf, D., Konrad, C., Zurowski, B., Nickson, T., McIntosh, A., Pappmeyer, M., Whalley, H., Sussmann, J., Godlewska, B., Cowen, P., Fischer, F., Rose, M., Penninx, B., Thompson, P., Hibar, D., ENIGMA Major Depressive Disorder Working Group **(2015)**  
Subcortical Brain Alterations in Major Depressive Disorder: findings from the ENIGMA Major Depressive Disorder Working Group. *Molecular Psychiatry*. 2016 Jun;21(6):806-12. Epub ahead of print. *Impactfaktor Journal (2017): 11,64*
64. Wolf, C., Mohr, H., Diekhof, E. K., Vieker, H., Goya-Maldonado, R., Trost, S., Kramer, B., Keil, M., Binder, E. B., **Gruber, O. (2015)**  
CREB1 Genotype Modulates Adaptive Reward-Based Decisions in Humans. *Cerebral Cortex*. 2016 Jul;26(7):2970-81. Epub ahead of print. *Impactfaktor Journal (2017): 6,31*
65. van Erp, T. G. M., Hibar, D. P., Rasmussen, J. M., Glahn, D. C., Pearlson, G. D., Andreassen, O. A., Agartz, I., Westlye, L. T., Haukvik, U. K., Dale, A. M., Melle, I., Hartberg, C. B., **Gruber, O.**, Kraemer, B., Zilles, D., Donohoe, G., Kelly, S., McDonald, C., Morris, D. W., Cannon, D. M., Corvin, A., Machielsen, M. W. J., Koenders, L., de Haan, L., Veltman, D. J., Satterthwaite, T. D., Wolf, D. H., Gur, R. C., Gur, R. E., Potkin, S. G., Mathalon, D. H., Mueller, B. A., Preda, A., Macciardi, F., Ehrlich, S., Walton, E., Hass, J., Calhoun, V. D., Bockholt, H. J., Sponheim, S. R., Shoemaker, J. M., van Haren, N. E. M., Pol, H. E. H., Ophoff, R. A., Kahn, R. S., Roiz-Santiañez,

- R., Crespo-Facorro, B., Wang, L., Alpert, K. I., Jönsson, E. G., Dimitrova, R., Bois, C., Whalley, H. C., McIntosh, A. M., Lawrie, S. M., Hashimoto, R., Thompson, P. M., Turner, J. A. **(2015)**  
Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. *Molecular Psychiatry*. 2016 Apr;21(4):585. Epub ahead of print. *Impactfaktor Journal (2017): 11,64*
66. Stegmayer, K., Usher, J., Trost, S., Henseler, I., Tost, H., Rietschel, M., Falkai, P., **Gruber, O. (2015)**  
Disturbed cortico-amygdalar functional connectivity as pathophysiological correlate of working memory deficits in bipolar affective disorder. *European Archives of Psychiatry and Clinical Neuroscience*. 265(4): 303–311. *Impactfaktor Journal (2017): 3,62*
67. Melcher, T., Pfister, R., Busmann, M., Schlüter, M.-C., Leyhe, T., **Gruber, O. (2015)**  
Functional characteristics of control adaptation in intermodal sensory processing. *Brain and Cognition*. 96: 43–55. *Impactfaktor Journal (2017): 2,57*
68. Malchow, B., Hasan, A., Meyer, K., Schneider-Axmann, T., Radenbach, K. E., **Gruber, O.**, Reith, W., McIntosh, A. M., Schmitt, A., Falkai, P., Wobrock, T. **(2015)**  
Family load impacts orbitofrontal volume in first-episode schizophrenia. *Psychiatry Research*. 232(1): 130–133. *Impactfaktor Journal (2017): 2,22*
69. Hibar, D. P., Stein, J. L., Renteria, M. E., Arias-Vasquez, A., Desrivières, S., Jahanshad, N., Toro, R., Wittfeld, K., Abramovic, L., Andersson, M., Aribisala, B. S., Armstrong, N. J., Bernard, M., Bohlken, M. M., Boks, M. P., Bralten, J., Brown, A. A., Chakravarty, M. M., Chen, Q., Ching, C. R. K., Cuellar-Partida, G., den Braber, A., Giddaluru, S., Goldman, A. L., Grimm, O., Guadalupe, T., Hass, J., Woldehawariat, G., Holmes, A. J., Hoogman, M., Janowitz, D., Jia, T., Kim, S., Klein, M., Kraemer, B., Lee, P. H., Olde Loohuis, L. M., Luciano, M., Macare, C., Mather, K. A., Mattheisen, M., Milaneschi, Y., Nho, K., Pappmeyer, M., Ramasamy, A., Risacher, S. L., Roiz-Santiañez, R., Rose, E. J., Salami, A., Sämann, P. G., Schmaal, L., Schork, A. J., Shin, J., Strike, L. T., Teumer, A., van Donkelaar, M. M. J., van Eijk, K. R., Walters, R. K., Westlye, L. T., Whelan, C. D., Winkler, A. M., Zwiers, M. P., Alhusaini, S., Athanasiu, L., Ehrlich, S., Hakobjan, M. M. H., Hartberg, C. B., Haukvik, U. K., Heister, A. J. G. A. M., Hoehn, D., Kasperaviciute, D., Liewald, D. C. M., Lopez, L. M., Makkinje, R. R. R., Matarin, M., Naber, M. A. M., McKay, D. R., Needham, M., Nugent, A. C., Pütz, B., Royle, N. A., Shen, L., Sprooten, E., Trabzuni, D., van der Marel, S. S. L., van Hulzen, K. J. E., Walton, E., Wolf, C., Almasy, L., Ames, D., Arepalli, S., Assareh, A. A., Bastin, M. E., Brodaty, H., Bulayeva, K. B., Carless, M. A., Cichon, S., Corvin, A., Curran, J. E., Czisch, M., de Zubicaray, G. I., Dillman, A., Duggirala, R., Dyer, T. D., Erk, S., Fedko, I. O., Ferrucci, L., Foroud, T. M., Fox, P. T., Fukunaga, M., Gibbs, J. R., Göring, H. H. H., Green, R. C., Guelfi, S., Hansell, N. K., Hartman, C. A., Hegenscheid, K., Heinz, A., Hernandez, D. G., Heslenfeld, D. J., Hoekstra, P. J., Holsboer, F., Homuth, G., Hottenga, J.-J., Ikeda, M., Jack, C. R., Jenkinson, M., Johnson, R., Kanai, R., Keil, M., Kent, J. W., Kochunov, P., Kwok, J. B., Lawrie, S. M., Liu, X., Longo, D. L., McMahon, K. L., Meisenzahl, E., Melle, I., Mohnke, S., Montgomery, G. W., Mostert, J. C., Mühleisen, T. W., Nalls, M. A., Nichols, T. E., Nilsson, L. G., Nöthen, M. M., Ohi, K., Olvera, R. L., Perez-Iglesias, R., Pike, G. B., Potkin, S. G., Reinvang, I., Reppermund, S., Rietschel, M., Romanczuk-Seiferth, N., Rosen, G. D., Rujescu, D., Schnell, K., Schofield, P. R., Smith, C., Steen, V. M., Sussmann, J. E., Thalamuthu, A., Toga, A. W., Traynor, B. J., Troncoso, J., Turner, J. A., Valdés Hernández, M. C., van 't Ent, D., van der Brug, M., van der Wee, N. J. A., van Tol, M.-J., Veltman, D. J., Wassink, T. H., Westman, E., Zielke, R. H., Zonderman, A. B., Ashbrook, D. G., Hager, R., Lu, L., McMahon, F. J., Morris, D. W., Williams, R. W., Brunner, H. G., Buckner, R. L., Buitelaar, J. K., Cahn, W., Calhoun, V. D., Cavalleri, G. L., Crespo-Facorro, B.,

Dale, A. M., Davies, G. E., Delanty, N., Depondt, C., Djurovic, S., Drevets, W. C., Espeseth, T., Gollub, R. L., Ho, B.-C., Hoffmann, W., Hosten, N., Kahn, R. S., Le Hellard, S., Meyer-Lindenberg, A., Müller-Myhsok, B., Nauck, M., Nyberg, L., Pandolfo, M., Penninx, B. W. J. H., Roffman, J. L., Sisodiya, S. M., Smoller, J. W., van Bokhoven, H., van Haren, N. E. M., Völzke, H., Walter, H., Weiner, M. W., Wen, W., White, T., Agartz, I., Andreassen, O. A., Blangero, J., Boomsma, D. I., Brouwer, R. M., Cannon, D. M., Cookson, M. R., de Geus, E. J. C., Deary, I. J., Donohoe, G., Fernández, G., Fisher, S. E., Francks, C., Glahn, D. C., Grabe, H. J., **Gruber, O.**, Hardy, J., Hashimoto, R., Hulshoff Pol, H. E., Jönsson, E. G., Kloszewska, I., Lovestone, S., Mattay, V. S., Mecocci, P., McDonald, C., McIntosh, A. M., Ophoff, R. A., Paus, T., Pausova, Z., Ryten, M., Sachdev, P. S., Saykin, A. J., Simmons, A., Singleton, A., Soininen, H., Wardlaw, J. M., Weale, M. E., Weinberger, D. R., Adams, H. H. H., Launer, L. J., Seiler, S., Schmidt, R., Chauhan, G., Satizabal, C. L., Becker, J. T., Yanek, L., van der Lee, S. J., Ebling, M., Fischl, B., Longstreth, W. T., Greve, D., Schmidt, H., Nyquist, P., Vinke, L. N., van Duijn, C. M., Xue, L., Mazoyer, B., Bis, J. C., Gudnason, V., Seshadri, S., Ikram, M. A., Alzheimer's Disease Neuroimaging Initiative, CHARGE Consortium, EPIGEN, IMAGEN, SYS, Martin, N. G., Wright, M. J., Schumann, G., Franke, B., Thompson, P. M., Medland, S. E. (2015)

Common genetic variants influence human subcortical brain structures. *Nature*. 520(7546): 224–229. *Impactfaktor Journal (2017): 41,54*

70. Goya-Maldonado, R., Weber, K., Trost, S., Diekhof, E., Keil, M., Dechent, P., **Gruber, O. (2015)**  
Dissociating pathomechanisms of depression with fMRI: bottom-up or top-down dysfunctions of the reward system. *European Archives of Psychiatry and Clinical Neuroscience*. 265(1): 57–66. *Impactfaktor Journal (2017): 3,62*

71. Malchow, B., Keeser, D., Keller, K., Hasan, A., Rauchmann, B.-S., Kimura, H., Schneider-Axmann, T., Dechent, P., **Gruber, O.**, Ertl-Wagner, B., Honer, W. G., Hillmer-Vogel, U., Schmitt, A., Wobrock, T., Niklas, A., Falkai, P. (2015)  
Effects of endurance training on brain structures in chronic schizophrenia patients and healthy controls. *Schizophrenia Research*. Epub ahead of print. *Impactfaktor Journal (2017): 3,96*

72. Lewitzka, U., Jabs, B., Fülle, M., Holthoff, V., Juckel, G., Uhl, I., Kittel-Schneider, S., Reif, A., Reif-Leonhard, C., **Gruber, O.**, Djawid, B., Goodday, S., Hausmann, R., Pfennig, A., Ritter, P., Conell, J., Severus, E., Bauer, M. (2015)  
Does lithium reduce acute suicidal ideation and behavior? A protocol for a randomized, placebo-controlled multicenter trial of lithium plus Treatment As Usual (TAU) in patients with suicidal major depressive episode. *BMC Psychiatry*. 15(1): 117. *Impactfaktor Journal (2017): 2,42*

73. Melcher, T., Wolter, S., Falck, S., Wild, E., Wild, F., Gruber, E., Falkai, P., **Gruber, O. (2014)**  
Common and disease-specific dysfunctions of brain systems underlying attentional and executive control in schizophrenia and bipolar disorder. *European Archives of Psychiatry and Clinical Neuroscience*. 264(6): 517–532. *Impactfaktor Journal (2017): 3,62*

74. Trost, S., Diekhof, E. K., Zvonik, K., Lewandowski, M., Usher, J., Keil, M., Zilles, D., Falkai, P., Dechent, P., **Gruber, O. (2014)**  
Disturbed Anterior Prefrontal Control of the Mesolimbic Reward System and Increased Impulsivity in Bipolar Disorder. *Neuropsychopharmacology*. 39(8): 1914–1923. *Impactfaktor Journal (2017): 6,54*

75. Kittel-Schneider, S., Wobrock, T., Scherk, H., Schneider-Axmann, T., Trost, S., Zilles, D., Wolf, C., Schmitt, A., Malchow, B., Hasan, A., Backens, M., Reith, W., Falkai, P., **Gruber, O.**, Reif, A. **(2014)**  
Influence of DGKH variants on amygdala volume in patients with bipolar affective disorder and schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 1–10. *Impactfaktor Journal (2017)*: 3,62
76. Sellmann, C., Villarín Pildain, L., Schmitt, A., Leonardi-Essmann, F., Durrenberger, P. F., Spanagel, R., Arzberger, T., Kretschmar, H., Zink, M., **Gruber, O.**, Herrera-Marschitz, M., Reynolds, R., Falkai, P., Gebicke-Haerter, P. J., Matthäus, F. **(2014)**  
Gene expression in superior temporal cortex of schizophrenia patients. *European Archives of Psychiatry and Clinical Neuroscience*. 264(4): 297–309. *Impactfaktor Journal (2017)*: 3,62
77. Consortium on Lithium Genetics [**Gruber, O.**], Hou, L., Heilbronner, U., Rietschel, M., Kato, T., Kuo, P.-H., McMahon, F. J., Schulze, T. G. **(2014)**  
Variant GADL1 and response to lithium in bipolar I disorder. *New England Journal of Medicine*. 370(19): 1857–1859. *Impactfaktor Journal (2017)*: 79,26
78. Schilbach, L., Müller, V. I., Hoffstaedter, F., Clos, M., Goya-Maldonado, R., **Gruber, O.**, Eickhoff, S. B. **(2014)**  
Meta-Analytically Informed Network Analysis of Resting State fMRI Reveals Hyperconnectivity in an Introspective Socio-Affective Network in Depression. *PLoS One*. 9(4): e94973. *Impactfaktor Journal (2017)*: 2,77
79. Hasan, A., Wobrock, T., Falkai, P., Schneider-Axmann, T., Guse, B., Backens, M., Ecker, U. K. H., Heimes, J., Galea, J. M., **Gruber, O.**, Scherk, H. **(2014)**  
Hippocampal integrity and neurocognition in first-episode schizophrenia: a multidimensional study. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 15(3): 188–199. *Impactfaktor Journal (2017)*: 3,71
80. Wolf, C., Mohr, H., Schneider-Axmann, T., Reif, A., Wobrock, T., Scherk, H., Kraft, S., Schmitt, A., Falkai, P., **Gruber, O.** **(2014)**  
CACNA1C genotype explains interindividual differences in amygdala volume among patients with schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 264(2): 93–102. *Impactfaktor Journal (2017)*: 3,62
81. Pfister, R., Melcher, T., Kiesel, A., Dechent, P., **Gruber, O.** **(2014)**  
Neural correlates of ideomotor effect anticipations. *Neuroscience*. 259: 164–171. *Impactfaktor Journal (2017)*: 3,38
82. Sadzio, J., Vieker, H., **Gruber, O.**, Zilles, D. **(2014)**  
Development of schizoaffective psychosis in the course of a long-term occupation as spiritual healer: coincidence or causality? *The American Journal of Psychiatry*. 171(2): 145–148. *Impactfaktor Journal (2017)*: 13,39
83. Trapp, S., Mueller, K., Lepsien, J., Krämer, B., **Gruber, O.** **(2014)**  
Different neural capacity limitations for articulatory and non-articulatory maintenance of verbal information. *Experimental Brain Research*. 232(2): 619–628. *Impactfaktor Journal (2017)*: 1,81

84. Focke, N. K., Trost, S., Paulus, W., Falkai, P., **Gruber, O. (2014)**  
Do manual and voxel-based morphometry measure the same? A proof of concept study. *Frontiers in Psychiatry*. 5: 39. *Impactfaktor Journal (2017): 2,86*
85. Anderson-Schmidt, H., Adler, L., Aly, C., Anghelescu, I.-G., Bauer, M., Baumgärtner, J., Becker, J., Bianco, R., Becker, T., Bitter, C., Bönsch, D., Buckow, K., Budde, M., Bührig, M., Deckert, J., Demiroglu, S. Y., Dietrich, D., Dümpelmann, M., Engelhardt, U., Fallgatter, A. J., Feldhaus, D., Figge, C., Folkerts, H., Franz, M., Gade, K., Gaebel, W., Grabe, H.-J., **Gruber, O.**, Gullatz, V., Gusky, L., Heilbronner, U., Helbing, K., Hegerl, U., Heinz, A., Hensch, T., Hiemke, C., Jäger, M., Jahn-Brodmann, A., Juckel, G., Kandulski, F., Kaschka, W. P., Kircher, T., Koller, M., Konrad, C., Kornhuber, J., Krause, M., Krug, A., Lee, M., Leweke, M., Lieb, K., Mammes, M., Meyer-Lindenberg, A., Mühlbacher, M., Müller, M. J., Nieratschker, V., Nierste, B., Ohle, J., Pfennig, A., Pieper, M., Quade, M., Reich-Erkelenz, D., Reif, A., Reitt, M., Reininghaus, B., Reininghaus, E. Z., Riemenschneider, M., Rienhoff, O., Roser, P., Rujescu, D., Schennach, R., Scherk, H., Schmauss, M., Schneider, F., Schosser, A., Schott, B. H., Schwab, S. G., Schwanke, J., Skrowny, D., Spitzer, C., Stierl, S., Stöckel, J., Stübner, S., Thiel, A., Volz, H.-P., von Hagen, M., Walter, H., Witt, S. H., Wobrock, T., Zielasek, J., Zimmermann, J., Zitzelsberger, A., Maier, W., Falkai, P. G., Rietschel, M., Schulze, T. G. **(2013)**  
The „DGPPN-Cohort“: A national collaboration initiative by the German Association for Psychiatry and Psychotherapy (DGPPN) for establishing a large-scale cohort of psychiatric patients. *European Archives of Psychiatry and Clinical Neuroscience*. 263(8): 695–701. *Impactfaktor Journal (2017): 3,62*
86. Malchow, B., Hasan, A., Schneider-Axmann, T., Jatzko, A., **Gruber, O.**, Schmitt, A., Falkai, P., Wobrock, T. **(2013)**  
Effects of cannabis and familial loading on subcortical brain volumes in first-episode schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 263 Suppl 2: 155–168. *Impactfaktor Journal (2017): 3,62*
87. de Souza Silva, M. A., Lenz, B., Rotter, A., Biermann, T., Peters, O., Ramirez, A., Jessen, F., Maier, W., Hüll, M., Schröder, J., Frölich, L., Teipel, S., **Gruber, O.**, Kornhuber, J., Huston, J. P., Müller, C. P., Schäble, S. **(2013)**  
Neurokinin3 receptor as a target to predict and improve learning and memory in the aged organism. *Proceedings of the National Academy of Sciences of the United States of America*. 110(37): 15097–15102. *Impactfaktor Journal (2017): 9,50*
88. Wilmsdorff, M. V., Blaich, C., Zink, M., Treutlein, J., Bauer, M., Schulze, T., Schneider-Axmann, T., **Gruber, O.**, Rietschel, M., Schmitt, A., Falkai, P. **(2013)**  
Gene expression of glutamate transporters SLC1A1, SLC1A3 and SLC1A6 in the cerebellar subregions of elderly schizophrenia patients and effects of antipsychotic treatment. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 14(7): 490–499. *Impactfaktor Journal (2017): 3,71*
89. Hasan, A., Misewitsch, K., Nitsche, M. A., **Gruber, O.**, Padberg, F., Falkai, P., Wobrock, T. **(2013)**  
Impaired motor cortex responses in non-psychotic first-degree relatives of schizophrenia patients: a cathodal tDCS pilot study. *Brain Stimulation*. 6(5): 821–829. *Impactfaktor Journal (2017): 6,12*

90. Falkai, P., Malchow, B., Wobrock, T., **Gruber, O.**, Schmitt, A., Honer, W. G., Pajonk, F.-G., Sun, F., Cannon, T. D. **(2013)**  
The effect of aerobic exercise on cortical architecture in patients with chronic schizophrenia: a randomized controlled MRI study. *European archives of psychiatry and clinical neuroscience*. 263(6): 469–473. *Impactfaktor Journal (2017): 3,62*
91. Zilles, D., Jung, R., Gruber, E., Falkai, P., **Gruber, O. (2013)**  
Differential working memory performance as support for the Kraepelinian dichotomy between schizophrenia and bipolar disorder? An experimental neuropsychological study using circuit-specific working memory tasks. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 14(4): 258–267. *Impactfaktor Journal (2017): 3,71*
92. Melcher, T., Winter, D., Hommel, B., Pfister, R., Dechent, P., **Gruber, O. (2013)**  
The neural substrate of the ideomotor principle revisited: evidence for asymmetries in action-effect learning. *Neuroscience*. 231: 13–27. *Impactfaktor Journal (2017): 3,38*
93. Trost, S., Platz, B., Usher, J., Scherk, H., Wobrock, T., Ekawardhani, S., Meyer, J., Reith, W., Falkai, P., **Gruber, O. (2013)**  
DISC1 (disrupted-in-schizophrenia 1) is associated with cortical grey matter volumes in the human brain: a voxel-based morphometry (VBM) study. *Journal of Psychiatric Research*. 47(2): 188–196. *Impactfaktor Journal (2017): 4,0*
94. Trost, S., Platz, B., Usher, J., Scherk, H., Wobrock, T., Ekawardhani, S., Meyer, J., Reith, W., Falkai, P., **Gruber, O. (2013)**  
The DTNBP1 (dysbindin-1) gene variant rs2619522 is associated with variation of hippocampal and prefrontal grey matter volumes in humans. *European Archives of Psychiatry and Clinical Neuroscience*. 263(1): 53–63. *Impactfaktor Journal (2017): 3,62*
95. Guse, B., Falkai, P., **Gruber, O.**, Whalley, H., Gibson, L., Hasan, A., Obst, K., Dechent, P., McIntosh, A., Suchan, B., Wobrock, T. **(2013)**  
The effect of long-term high frequency repetitive transcranial magnetic stimulation on working memory in schizophrenia and healthy controls--a randomized placebo-controlled, double-blind fMRI study. *Behavioural Brain Research*. 237: 300–307. *Impactfaktor Journal (2017): 3,17*
96. Schaeffer, E. L., Kühn, F., Schmitt, A., Gattaz, W. F., **Gruber, O.**, Schneider-Axmann, T., Falkai, P., Schmitt, A. **(2013)**  
Increased cell proliferation in the rat anterior cingulate cortex following neonatal hypoxia: relevance to schizophrenia. *Journal of Neural Transmission*. 120(1): 187–195. *Impactfaktor Journal (2017): 2,78*
97. Manchia, M., Adli, M., Akula, N., Ardu, R., Aubry, J.-M., Backlund, L., Banzato, C. E., Baune, B. T., Bellivier, F., Bengesser, S., Biernacka, J. M., Brichant-Petitjean, C., Bui, E., Calkin, C. V., Cheng, A. T. A., Chillotti, C., Cichon, S., Clark, S., Czerski, P. M., Dantas, C., Zompo, M. D., Depaulo, J. R., Detera-Wadleigh, S. D., Etain, B., Falkai, P., Frisé, L., Frye, M. A., Fullerton, J., Gard, S., Garnham, J., Goes, F. S., Grof, P., **Gruber, O.**, Hashimoto, R., Hauser, J., Heilbronner, U., Hoban, R., Hou, L., Jamain, S., Kahn, J.-P., Kassem, L., Kato, T., Kelsoe, J. R., Kittel-Schneider, S., Kliwicki, S., Kuo, P.-H., Kusumi, I., Laje, G., Lavebratt, C., Leboyer, M., Leckband, S. G., López Jaramillo, C. A., Maj, M., Malafosse, A., Martinsson, L., Masui, T., Mitchell, P. B., Mondimore, F., Monteleone, P., Nallet, A., Neuner, M., Novák, T., O'Donovan, C., Osby, U., Ozaki, N., Perlis, R. H., Pfennig, A., Potash, J. B., Reich-Erkelenz, D., Reif, A., Reininghaus, E.,

- Richardson, S., Rouleau, G. A., Rybakowski, J. K., Schalling, M., Schofield, P. R., Schubert, O. K., Schweizer, B., Seemüller, F., Grigoriou-Serbanescu, M., Severino, G., Seymour, L. R., Slaney, C., Smoller, J. W., Squassina, A., Stamm, T., Steele, J., Stopkova, P., Tighe, S. K., Tortorella, A., Turecki, G., Wray, N. R., Wright, A., Zandi, P. P., Zilles, D., Bauer, M., Rietschel, M., McMahon, F. J., Schulze, T. G., Alda, M. **(2013)**  
Assessment of Response to Lithium Maintenance Treatment in Bipolar Disorder: A Consortium on Lithium Genetics (ConLiGen) Report. *PLoS One*. 8(6): e65636. *Impactfaktor Journal (2017)*: 2,77
98. Zilles, D., Meyer, J., Schneider-Axmann, T., Ekawardhani, S., Gruber, E., Falkai, P., **Gruber, O. (2012)**  
Genetic polymorphisms of 5-HTT and DAT but not COMT differentially affect verbal and visuospatial working memory functioning. *European Archives of Psychiatry and Clinical Neuroscience*. 262(8): 667–676. *Impactfaktor Journal (2017)*: 3,62
99. Schultz, C. C., Fusar-Poli, P., Wagner, G., Koch, K., Schachtzabel, C., **Gruber, O.**, Sauer, H., Schlösser, R. G. M. **(2012)**  
Multimodal functional and structural imaging investigations in psychosis research. *European Archives of Psychiatry and Clinical Neuroscience*. 262 Suppl 2: 97–106. *Impactfaktor Journal (2017)*: 3,62
100. Hasan, A., Nitsche, M. A., Herrmann, M., Schneider-Axmann, T., Marshall, L., **Gruber, O.**, Falkai, P., Wobrock, T. **(2012)**  
Impaired long-term depression in schizophrenia: a cathodal tDCS pilot study. *Brain Stimulation*. 5(4): 475–483. *Impactfaktor Journal (2017)*: 6,12
101. Diekhof, E. K., Keil, M., Obst, K. U., Henseler, I., Dechent, P., Falkai, P., **Gruber, O. (2012)**  
A functional neuroimaging study assessing gender differences in the neural mechanisms underlying the ability to resist impulsive desires. *Brain Research*. 1473: 63–77. *Impactfaktor Journal (2017)*: 3,13
102. Hasan, A., Aborowa, R., Nitsche, M. A., Marshall, L., Schmitt, A., **Gruber, O.**, Falkai, P., Wobrock, T. **(2012)**  
Abnormal bihemispheric responses in schizophrenia patients following cathodal transcranial direct stimulation. *European Archives of Psychiatry and Clinical Neuroscience*. 262(5): 415–423. *Impactfaktor Journal (2017)*: 3,62
103. Diekhof, E. K., Kaps, L., Falkai, P., **Gruber, O. (2012)**  
The role of the human ventral striatum and the medial orbitofrontal cortex in the representation of reward magnitude - an activation likelihood estimation meta-analysis of neuroimaging studies of passive reward expectancy and outcome processing. *Neuropsychologia*. 50(7): 1252–1266. *Impactfaktor Journal (2017)*: 2,89
104. Pfennig, A., Bschor, T., Baghai, T., Bräunig, P., Brieger, P., Falkai, P., Geissler, D., Gielen, R., Giesler, H., **Gruber, O.**, Kopp, I., Meyer, T. D., Möhrmann, K. H., Mucbe-Borowski, C., Padberg, F., Scherk, H., Streh, D., Bauer, M. **(2012)**  
[S3 guidelines on diagnostics and therapy of bipolar disorders: development process and essential recommendations]. *Der Nervenarzt*. 83(5): 568–586. *Impactfaktor Journal (2017)*: 0,74

105. Melcher, T., Obst, K., Mann, A., Paulus, C., **Gruber, O. (2012)**  
Antagonistic modulatory influences of negative affect on cognitive control: Reduced and enhanced interference resolution capability after the induction of fear and sadness. *Acta Psychologica*. 139(3): 507–514. *Impactfaktor Journal (2017): 1,86*
106. Kraft, E., Binder, E., Lulé, D., Storch, A., **Gruber, O. (2012)**  
Dopaminergic modulation of neural correlates of working memory in Parkinson's Disease. *Basal Ganglia*. 2(1): 33–39.
107. Selvaraj, S., Arnone, D., Job, D., Stanfield, A., Farrow, T. F., Nugent, A. C., Scherk, H., **Gruber, O.**, Chen, X., Sachdev, P. S., Dickstein, D. P., Malhi, G. S., Ha, T. H., Ha, K., Phillips, M. L., McIntosh, A. M. **(2012)**  
Grey matter differences in bipolar disorder: a meta-analysis of voxel-based morphometry studies. *Bipolar Disorders*. 14(2): 135–145. *Impactfaktor Journal (2017): 4,49*
108. **Gruber, O.**, Hasan, A., Scherk, H., Wobrock, T., Schneider-Axmann, T., Ekawardhani, S., Schmitt, A., Backens, M., Reith, W., Meyer, J., Falkai, P. **(2012)**  
Association of the brain-derived neurotrophic factor val66met polymorphism with magnetic resonance spectroscopic markers in the human hippocampus: in vivo evidence for effects on the glutamate system. *European Archives of Psychiatry and Clinical Neuroscience*. 262(1): 23–31. *Impactfaktor Journal (2017): 3,62*
109. Delvecchio, G., Fossati, P., Boyer, P., Brambilla, P., Falkai, P., **Gruber, O.**, Hietala, J., Lawrie, S. M., Martinot, J.-L., McIntosh, A. M., Meisenzahl, E., Frangou, S. **(2012)**  
Common and distinct neural correlates of emotional processing in Bipolar Disorder and Major Depressive Disorder: a voxel-based meta-analysis of functional magnetic resonance imaging studies. *European Neuropsychopharmacology: The Journal of the European College of Neuropsychopharmacology*. 22(2): 100–113. *Impactfaktor Journal (2017): 4,13*
110. Focke, N. K., Yogarajah, M., Symms, M. R., **Gruber, O.**, Paulus, W., Duncan, J. S. **(2012)**  
Automated MR image classification in temporal lobe epilepsy. *NeuroImage*. 59(1): 356–362. *Impactfaktor Journal (2017): 5,43*
111. Trost, S., **Gruber, O. (2012)**  
Evidence for a double dissociation of articulatory rehearsal and non-articulatory maintenance of phonological information in human verbal working memory. *Neuropsychobiology*. 65(3): 133–140. *Impactfaktor Journal (2017): 1,42*
112. Diekhof, E. K., Nerenberg, L., Falkai, P., Dechent, P., Baudewig, J., **Gruber, O. (2012)**  
Impulsive personality and the ability to resist immediate reward: An fMRI study examining interindividual differences in the neural mechanisms underlying self-control. *Human Brain Mapping*. 33(12): 2768–2784. *Impactfaktor Journal (2017): 4,93*
113. Hasan, A., Nitsche, M. A., Rein, B., Schneider-Axmann, T., Guse, B., **Gruber, O.**, Falkai, P., Wobrock, T. **(2011)**  
Dysfunctional long-term potentiation-like plasticity in schizophrenia revealed by transcranial direct current stimulation. *Behavioural Brain Research*. 224(1): 15–22. *Impactfaktor Journal (2017): 3,17*

114. Diekhof, E. K., Geier, K., Falkai, P., **Gruber, O. (2011)**

Fear is only as deep as the mind allows: a coordinate-based meta-analysis of neuroimaging studies on the regulation of negative affect. *NeuroImage*. 58(1): 275–285. *Impactfaktor Journal (2017): 5,43*

115. Schmitt, A., Schulenberg, W., Bernstein, H.-G., Steiner, J., Schneider-Axmann, T., Yeganeh-Doost, P., Malchow, B., Hasan, A., **Gruber, O.**, Bogerts, B., Falkai, P. **(2011)**

Reduction of gyrification index in the cerebellar vermis in schizophrenia: a post-mortem study. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 12 Suppl 1: 99–103. *Impactfaktor Journal (2017): 3,71*

116. Melcher, T., Born, C., **Gruber, O. (2011)**

How negative affect influences neural control processes underlying the resolution of cognitive interference: an event-related fMRI study. *Neuroscience Research*. 70(4): 415–427. *Impactfaktor Journal (2017): 2,28*

117. Hasan, A., Kremer, L., **Gruber, O.**, Schneider-Axmann, T., Guse, B., Reith, W., Falkai, P., Wobrock, T. **(2011)**

Planum temporale asymmetry to the right hemisphere in first-episode schizophrenia. *Psychiatry Research*. 193(1): 56–59. *Impactfaktor Journal (2017): 2,22*

118. Henseler, I., Krüger, S., Dechent, P., **Gruber, O. (2011)**

A gateway system in rostral PFC? Evidence from biasing attention to perceptual information and internal representations. *NeuroImage*. 56(3): 1666–1676. *Impactfaktor Journal (2017): 5,4*

119. **Gruber, O.**, Zilles, D., Kennel, J., Gruber, E., Falkai, P. **(2011)**

A systematic experimental neuropsychological investigation of the functional integrity of working memory circuits in major depression. *European Archives of Psychiatry and Clinical Neuroscience*. 261(3): 179–184. *Impactfaktor Journal (2017): 3,62*

120. Schmitt, A., Leonardi-Essmann, F., Durrenberger, P. F., Parlapani, E., Schneider-Axmann, T., Spanagel, R., Arzberger, T., Kretschmar, H., Herrera-Marschitz, M., **Gruber, O.**, Reynolds, R., Falkai, P., Gebicke-Harter, P. J. **(2011)**

Regulation of immune-modulatory genes in left superior temporal cortex of schizophrenia patients: a genome-wide microarray study. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 12(3): 201–215. *Impactfaktor Journal (2017): 3,71*

121. Diekhof, E. K., Falkai, P., **Gruber, O. (2011)**

The orbitofrontal cortex and its role in the assignment of behavioural significance. *Neuropsychologia*. 49(5): 984–991. *Impactfaktor Journal (2017): 2,89*

122. Diekhof, E. K., Kipshagen, H. E., Falkai, P., Dechent, P., Baudewig, J., **Gruber, O. (2011)**

The power of imagination--how anticipatory mental imagery alters perceptual processing of fearful facial expressions. *NeuroImage*. 54(2): 1703–1714. *Impactfaktor Journal (2017): 5,43*

123. Radenbach, K., Flaig, V., Schneider-Axmann, T., Usher, J., Reith, W., Falkai, P., **Gruber, O.**, Scherk, H. **(2010)**

Thalamic volumes in patients with bipolar disorder. *European Archives of Psychiatry and Clinical Neuroscience*. 260(8): 601–607. *Impactfaktor Journal (2017): 3,62*

124. Zilles, D., Gruber, E., Falkai, P., **Gruber, O. (2010)**  
Patients with schizophrenia show deficits of working memory maintenance components in circuit-specific tasks. *European Archives of Psychiatry and Clinical Neuroscience*. 260(7): 519–525. *Impactfaktor Journal (2017): 3,62*
100. **Gruber, O.**, Diekhof, E. K., Kirchenbauer, L., Goschke, T. (2010)  
A neural system for evaluating the behavioural relevance of salient events outside the current focus of attention. *Brain Research*. 1351: 212–221. *Impactfaktor Journal (2017): 3,13*
125. Wobrock, T., **Gruber, O.**, McIntosh, A. M., Kraft, S., Klinghardt, A., Scherk, H., Reith, W., Schneider-Axmann, T., Lawrie, S. M., Falkai, P., Moorhead, T. W. (2010)  
Reduced prefrontal gyrification in obsessive-compulsive disorder. *European Archives of Psychiatry and Clinical Neuroscience*. 260(6): 455–464. *Impactfaktor Journal (2017): 3,62*
126. Henseler, I., Falkai, P., **Gruber, O. (2010)**  
Disturbed functional connectivity within brain networks subserving domain-specific subcomponents of working memory in schizophrenia: relation to performance and clinical symptoms. *Journal of Psychiatric Research*. 44(6): 364–372. *Impactfaktor Journal (2017): 4,0*
127. Pajonk, F.-G., Wobrock, T., **Gruber, O.**, Scherk, H., Berner, D., Kaizl, I., Kierer, A., Müller, S., Oest, M., Meyer, T., Backens, M., Schneider-Axmann, T., Thornton, A. E., Honer, W. G., Falkai, P. (2010)  
Hippocampal plasticity in response to exercise in schizophrenia. *Archives of General Psychiatry*. 67(2): 133–143 (Journal title changed to: *JAMA Psychiatry*) *Impactfaktor Journal (2017): 16,64*
128. Usher, J., Menzel, P., Schneider-Axmann, T., Kemmer, C., Reith, W., Falkai, P., **Gruber, O.**, Scherk, H. (2010)  
Increased right amygdala volume in lithium-treated patients with bipolar I disorder. *Acta Psychiatrica Scandinavica*. 121(2): 119–124. *Impactfaktor Journal (2017): 4,98*
129. Diekhof, E. K., Gruber, O. (2010)  
When desire collides with reason: functional interactions between anteroventral prefrontal cortex and nucleus accumbens underlie the human ability to resist impulsive desires. *The Journal of Neuroscience*. 30(4): 1488–1493. *Impactfaktor Journal (2016): 5,99*
130. **Gruber, O.**, Tost, H., Henseler, I., Schmael, C., Scherk, H., Ende, G., Ruf, M., Falkai, P., Rietschel, M. (2010)  
Pathological amygdala activation during working memory performance: Evidence for a pathophysiological trait marker in bipolar affective disorder. *Human Brain Mapping*. 31(1): 115–125. *Impactfaktor Journal (2017): 4,93*
131. Parlapani, E., Schmitt, A., Erdmann, A., Bernstein, H.-G., Breunig, B., **Gruber, O.**, Petroianu, G., von Wilmsdorff, M., Schneider-Axmann, T., Honer, W., Falkai, P. (2009)  
Association between myelin basic protein expression and left entorhinal cortex pre-alpha cell layer disorganization in schizophrenia. *Brain Research*. 1301: 126–134. *Impactfaktor Journal (2017): 3,13*
132. Diekhof, E. K., Biedermann, F., Ruesamen, R., **Gruber, O. (2009)**  
Top-down and bottom-up modulation of brain structures involved in auditory discrimination. *Brain research*. 1297: 118–123. *Impactfaktor Journal (2017): 3,13*

133. Roebeling, R., Scheerer, N., Uttner, I., **Gruber, O.**, Kraft, E., Lerche, H. (2009)  
Evaluation of cognition, structural, and functional MRI in juvenile myoclonic epilepsy. *Epilepsia*. 50(11): 2456–2465. *Impactfaktor Journal (2017): 5,07*
134. Diekhof, E. K., Falkai, P., **Gruber, O.** (2009)  
Functional interactions guiding adaptive processing of behavioral significance. *Human Brain Mapping*. 30(10): 3325–3331. *Impactfaktor Journal (2017): 4,93*
135. Zilles, D., Burke, S., Schneider-Axmann, T., Falkai, P., **Gruber, O.** (2009)  
Diagnosis-specific effect of familial loading on verbal working memory in schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 259(6): 309–315. *Impactfaktor Journal (2017): 3,62*
136. Henseler, I., Falkai, P., **Gruber, O.** (2009)  
A systematic fMRI investigation of the brain systems subserving different working memory components in schizophrenia. *European Journal of Neuroscience*. 30(4): 693–702. *Impactfaktor Journal (2017): 2,83*
137. Wobrock, T., **Gruber, O.**, Schneider-Axmann, T., Wölwer, W., Gaebel, W., Riesbeck, M., Maier, W., Klosterkötter, J., Schneider, F., Buchkremer, G., Möller, H.-J., Schmitt, A., Bender, S., Schlösser, R., Falkai, P. (2009)  
Internal capsule size associated with outcome in first-episode schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 259(5): 278–283. *Impactfaktor Journal (2017): 3,62*
138. Scherk, H., **Gruber, O.**, Menzel, P., Schneider-Axmann, T., Kemmer, C., Usher, J., Reith, W., Meyer, J., Falkai, P. (2009)  
5-HTTLPR genotype influences amygdala volume. *European Archives of Psychiatry and Clinical Neuroscience*. 259(4): 212–217. *Impactfaktor Journal (2017): 3,62*
139. Jamrozinski, K., **Gruber, O.**, Kemmer, C., Falkai, P., Scherk, H. (2009)  
Neurocognitive functions in euthymic bipolar patients. *Acta Psychiatrica Scandinavica*. 119(5): 365–374. *Impactfaktor Journal (2017): 4,98*
140. **Gruber, O.**, Melcher, T., Diekhof, E. K., Karch, S., Falkai, P., Goschke, T. (2009)  
Brain mechanisms associated with background monitoring of the environment for potentially significant sensory events. *Brain and Cognition*. 69(3): 559–564. *Impactfaktor Journal (2017): 2,57*
141. Koelsch, S., Schulze, K., Sammler, D., Fritz, T., Müller, K., **Gruber, O.** (2009)  
Functional architecture of verbal and tonal working memory: an fMRI study. *Human Brain Mapping*. 30(3): 859–873. *Impactfaktor Journal (2017): 4,93*
142. Melcher, T., Gruber, O. (2009)  
Decomposing interference during Stroop performance into different conflict factors: an event-related fMRI study. *Cortex*. 45(2): 189–200. *Impactfaktor Journal (2017): 4,91*
143. Wobrock, T., Ecker, U. K. H., Scherk, H., Schneider-Axmann, T., Falkai, P., **Gruber, O.** (2009)  
Cognitive impairment of executive function as a core symptom of schizophrenia. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 10(4 Pt 2): 442–451. *Impactfaktor Journal (2017): 3,71*

144. Scherk, H., Backens, M., Schneider-Axmann, T., Usher, J., Kemmer, C., Reith, W., Falkai, P., **Gruber, O. (2009)**

Cortical neurochemistry in euthymic patients with bipolar I disorder. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 10(4): 285–294. *Impactfaktor Journal (2017): 3,71*

145. Scherk, H., Backens, M., Schneider-Axmann, T., Kraft, S., Kemmer, C., Usher, J., Reith, W., Falkai, P., Meyer, J., **Gruber, O. (2009)**

Dopamine transporter genotype influences N-acetyl-aspartate in the left putamen. *The World Journal of Biological Psychiatry: The Official Journal of the World Federation of Societies of Biological Psychiatry*. 10(4 Pt 2): 524–530. *Impactfaktor Journal (2017): 3,71*

146. Schmitt, A., Otto, S., Jatzko, A., Ruf, M., Demirakca, T., Tost, H., **Gruber, O.**, Parlapani, E., Falkai, P., Braus, D. F. **(2009)**

Parieto-frontal dysfunction during visuo-auditory information processing in elderly, chronic schizophrenic patients and medication effects. *Archives of Clinical Psychiatry*. 36(3): 89–96. *Impactfaktor Journal (2017): 0,73*

147. **Gruber, O.**, Falkai, P., Schneider-Axmann, T., Schwab, S. G., Wagner, M., Maier, W. **(2008)**

Neuregulin-1 haplotype HAP(ICE) is associated with lower hippocampal volumes in schizophrenic patients and in non-affected family members. *Journal of Psychiatric Research*. 43(1): 1–6. *Impactfaktor Journal (2017): 4,0*

148. Scherk, H., Backens, M., Zill, P., Schneider-Axmann, T., Wobrock, T., Usher, J., Reith, W., Falkai, P., Möller, H.-J., Bondy, B., **Gruber, O. (2008)**

SNAP-25 genotype influences NAA/Cho in left hippocampus. *Journal of Neural Transmission*. 115(11): 1513–1518. *Impactfaktor Journal (2017): 2,78*

149. Scherk, H., Kemmer, C., Usher, J., Reith, W., Falkai, P., **Gruber, O. (2008)**

No change to grey and white matter volumes in bipolar I disorder patients. *European Archives of Psychiatry and Clinical Neuroscience*. 258(6): 345–349. *Impactfaktor Journal (2017): 3,62*

150. Henseler, I., **Gruber, O.**, Kraft, S., Krick, C., Reith, W., Falkai, P. **(2008)**

Compensatory hyperactivations as markers of latent working memory dysfunctions in patients with obsessive-compulsive disorder: an fMRI study. *Journal of Psychiatry & Neuroscience*. 33(3): 209–215. *Impactfaktor Journal (2017): 5,18*

151. Scherk, H., Backens, M., Schneider-Axmann, T., Kemmer, C., Usher, J., Reith, W., Falkai, P., **Gruber, O. (2008)**

Neurochemical pathology in hippocampus in euthymic patients with bipolar I disorder. *Acta Psychiatrica Scandinavica*. 117(4): 283–288. *Impactfaktor Journal (2017): 4,98*

152. Melcher, T., Weidema, M., Eenshuistra, R. M., Hommel, B., **Gruber, O. (2008)**

The neural substrate of the ideomotor principle: an event-related fMRI analysis. *NeuroImage*. 39(3): 1274–1288. *Impactfaktor Journal (2017): 5,43*

153. **Gruber, O.**, Müller, T., Falkai, P. **(2007)**

Dynamic interactions between neural systems underlying different components of verbal working memory. *Journal of Neural Transmission*. 114(8): 1047–1050. *Impactfaktor Journal (2017): 2,78*

154. Melcher, T., Gruber, O. (2006)  
Oddball and incongruity effects during Stroop task performance: a comparative fMRI study on selective attention. *Brain Research*. 1121(1): 136–149. *Impactfaktor Journal (2017): 3,13*
155. **Gruber, O.**, Gruber, E., Falkai, P. (2006)  
Articulatory rehearsal in verbal working memory: a possible neurocognitive endophenotype that differentiates between schizophrenia and schizoaffective disorder. *Neuroscience Letters*. 405(1-2): 24–28. *Impactfaktor Journal (2017): 2,16*
156. **Gruber, O.**, Karch, S., Schlueter, E. K., Falkai, P., Goschke, T. (2006)  
Neural mechanisms of advance preparation in task switching. *NeuroImage*. 31(2): 887–895. *Impactfaktor Journal (2017): 5,43*
157. Scheid, R., Preul, C., **Gruber, O.**, Wiggins, C., von Cramon, D. Y. (2003)  
Diffuse axonal injury associated with chronic traumatic brain injury: evidence from T2\*-weighted gradient-echo imaging at 3 T. *American Journal of Neuroradiology*. 24(6): 1049–1056. *Impactfaktor Journal (2017): 3,65*
158. **Gruber, O.**, von Cramon, D. Y. (2003)  
The functional neuroanatomy of human working memory revisited. Evidence from 3-T fMRI studies using classical domain-specific interference tasks. *NeuroImage*. 19(3): 797–809. *Impactfaktor Journal (2017): 5,43*
159. Binkofski, F., Fink, G. R., Geyer, S., Buccino, G., **Gruber, O.**, Shah, N. J., Taylor, J. G., Seitz, R. J., Zilles, K., Freund, H.-J. (2002)  
Neural activity in human primary motor cortex areas 4a and 4p is modulated differentially by attention to action. *Journal of Neurophysiology*. 88(1): 514–519. *Impactfaktor Journal (2017): 2,50*
160. Eger, E., **Gruber, O.**, Kleinschmidt, A. (2002)  
Zahlenspiele im Gehirn [Thinking in numbers]. *Nervenheilkunde*. 21: 502–507.
161. Gruber, O. (2001)  
Effects of domain-specific interference on brain activation associated with verbal working memory task performance. *Cerebral Cortex*. 11(11): 1047–1055. *Impactfaktor Journal (2017): 6,31*
162. Müller, N. G., Gruber, O. (2001)  
High-resolution magnetic resonance imaging reveals symmetric bitemporal cortical necrosis after carbon monoxide intoxication. *Journal of Neuroimaging*. 11(3): 322–325. *Impactfaktor Journal (2017): 1,95*
163. **Gruber, O.**, Indefrey, P., Steinmetz, H., Kleinschmidt, A. (2001)  
Dissociating neural correlates of cognitive components in mental calculation. *Cerebral Cortex*. 11(4): 350–359. *Impactfaktor Journal (2017): 6,31*
164. **Gruber, O.**, von Cramon, D. Y. (2001)  
Domain-specific distribution of working memory processes along human prefrontal and parietal cortices: a functional magnetic resonance imaging study. *Neuroscience Letters*. 297(1): 29–32. *Impactfaktor Journal (2017): 2,16*

**165. Gruber, O., Wittig, L., Wiggins, C. J., von Cramon, D. Y. (2000)**

Thrombotic thrombocytopenic purpura: MRI demonstration of persistent small cerebral infarcts after clinical recovery. *Neuroradiology*. 42(8): 616–618. *Impactfaktor Journal (2017): 2,4*

**166. Gruber, O., Kleinschmidt, A., Binkofski, F., Steinmetz, H., von Cramon, D. Y. (2000)**

Cerebral correlates of working memory for temporal information. *Neuroreport*. 11(8): 1689–1693. *Impactfaktor Journal (2017): 1,3*

**167. Gruber, O., Northoff, G., Pflug, B. (2000)**

Wirkungen von Aktivierungsaufgaben bei akuter neuroleptikainduzierter Akathisie [Effect of activation tasks on acute neuroleptic-induced akathisia]. *Der Nervenarzt*. 71(1): 30–37. *Impactfaktor Journal (2017): 0,7*

**168. Gruber, O., Northoff, G., Pflug, B. (1998)**

Subjektives Erleben von Patienten mit akuter neuroleptika-induzierter Akathisie. *Fortschritte der Neurologie-Psychiatrie*. 66(12): 531–538. *Impactfaktor Journal (2017): 0,4*

## 2. Übersichtsarbeiten

**169. Teipel, S. J., Walter, M., Liktjaroen, Y., Schönknecht, P., Gruber, O. (2014)**

Diffusion tensor imaging in Alzheimer's disease and affective disorders. *European Archives of Psychiatry and Clinical Neuroscience*. 264(6): 467–483. *Impactfaktor Journal (2017): 3,6*

**170. Gruber, O. (2014)**

Von der Psychopathophysiologie zur Biomarker-basierten Klassifikation und stratifizierten Therapie schizophrener Störungen. *Fortschritte der Neurologie-Psychiatrie*. 82(08): 439–446. *Impactfaktor Journal (2017): 0,4*

**171. Thompson, P. M., Stein, J. L., Medland, S. E., Hibar, D. P., Vasquez, A. A., Renteria, M. E., Toro, R., Jahanshad, N., Schumann, G., Franke, B., Wright, M. J., Martin, N. G., Agartz, I., Alda, M., Alhusaini, S., Almasy, L., Almeida, J., Alpert, K., Andreasen, N. C., Andreassen, O. A., Apostolova, L. G., Appel, K., Armstrong, N. J., Aribisala, B., Bastin, M. E., Bauer, M., Bearden, C. E., Bergmann, O., Binder, E. B., Blangero, J., Bockholt, H. J., Bøen, E., Bois, C., Boomsma, D. I., Booth, T., Bowman, I. J., Bralten, J., Brouwer, R. M., Brunner, H. G., Brohawn, D. G., Buckner, R. L., Buitelaar, J., Bulayeva, K., Bustillo, J. R., Calhoun, V. D., Cannon, D. M., Cantor, R. M., Carless, M. A., Caseras, X., Cavalleri, G. L., Chakravarty, M. M., Chang, K. D., Ching, C. R. K., Christoforou, A., Cichon, S., Clark, V. P., Conrod, P., Coppola, G., Crespo-Facorro, B., Curran, J. E., Czisch, M., Deary, I. J., de Geus, E. J. C., den Braber, A., Delvecchio, G., Depondt, C., de Haan, L., de Zubicaray, G. I., Dima, D., Dimitrova, R., Djurovic, S., Dong, H., Donohoe, G., Duggirala, R., Dyer, T. D., Ehrlich, S., Ekman, C. J., Elvsåshagen, T., Emsell, L., Erk, S., Espeseth, T., Fagerness, J., Fears, S., Fedko, I., Fernández, G., Fisher, S. E., Foroud, T., Fox, P. T., Francks, C., Frangou, S., Frey, E. M., Frodl, T., Frouin, V., Garavan, H., Giddaluru, S., Glahn, D. C., Godlewska, B., Goldstein, R. Z., Gollub, R. L., Grabe, H. J., Grimm, O., Gruber, O., Guadalupe, T., Gur, R. E., Gur, R. C., Göring, H. H. H., Hagenaars, S., Hajek, T., Hall, G. B., Hall, J., Hardy, J., Hartman, C. A., Hass, J., Hatton, S. N., Haukvik, U. K., Hegenscheid, K., Heinz, A., Hickie, I. B., Ho, B.-C., Hoehn, D., Hoekstra, P. J., Hollinshead, M., Holmes, A. J., Homuth, G., Hoogman, M., Hong, L. E., Hosten, N., Hottenga, J.-J., Hulshoff Pol, H. E., Hwang, K. S., Jack, C. R., Jenkinson, M., Johnston, C., Jönsson, E. G., Kahn, R. S., Kasperaviciute, D., Kelly, S., Kim, S., Kochunov, P., Koenders, L., Krämer, B., Kwok, J. B. J., Lagopoulos, J., Laje, G., Landen, M., Landman, B. A.,**

Lauriello, J., Lawrie, S. M., Lee, P. H., Le Hellard, S., Lemaître, H., Leonardo, C. D., Li, C.-S., Liberg, B., Liewald, D. C., Liu, X., Lopez, L. M., Loth, E., Lourdasamy, A., Luciano, M., Macciardi, F., Machielsen, M. W. J., Macqueen, G. M., Malt, U. F., Mandl, R., Manoach, D. S., Martinot, J.-L., Matarin, M., Mather, K. A., Mattheisen, M., Mattingsdal, M., Meyer-Lindenberg, A., McDonald, C., McIntosh, A. M., McMahon, F. J., McMahon, K. L., Meisenzahl, E., Melle, I., Milaneschi, Y., Mohnke, S., Montgomery, G. W., Morris, D. W., Moses, E. K., Mueller, B. A., Muñoz Maniega, S., Mühleisen, T. W., Müller-Myhsok, B., Mwangi, B., Nauck, M., Nho, K., Nichols, T. E., Nilsson, L.-G., Nugent, A. C., Nyberg, L., Olvera, R. L., Oosterlaan, J., Ophoff, R. A., Pandolfo, M., Papalampropoulou-Tsiridou, M., Pappmeyer, M., Paus, T., Pausova, Z., Pearlson, G. D., Penninx, B. W., Peterson, C. P., Pfennig, A., Phillips, M., Pike, G. B., Poline, J.-B., Potkin, S. G., Pütz, B., Ramasamy, A., Rasmussen, J., Rietschel, M., Rijpkema, M., Risacher, S. L., Roffman, J. L., Roiz-Santiañez, R., Romanczuk-Seiferth, N., Rose, E. J., Royle, N. A., Rujescu, D., Ryten, M., Sachdev, P. S., Salami, A., Satterthwaite, T. D., Savitz, J., Saykin, A. J., Scanlon, C., Schmaal, L., Schnack, H. G., Schork, A. J., Schulz, S. C., Schür, R., Seidman, L., Shen, L., Shoemaker, J. M., Simmons, A., Sisodiya, S. M., Smith, C., Smoller, J. W., Soares, J. C., Sponheim, S. R., Sprooten, E., Starr, J. M., Steen, V. M., Strakowski, S., Strike, L., Sussmann, J., Sämann, P. G., Teumer, A., Toga, A. W., Tordesillas-Gutierrez, D., Trabzuni, D., Trost, S., Turner, J., Van den Heuvel, M., van der Wee, N. J., van Eijk, K., van Erp, T. G. M., van Haren, N. E. M., van 't Ent, D., van Tol, M.-J., Valdés Hernández, M. C., Veltman, D. J., Versace, A., Völzke, H., Walker, R., Walter, H., Wang, L., Wardlaw, J. M., Weale, M. E., Weiner, M. W., Wen, W., Westlye, L. T., Whalley, H. C., Whelan, C. D., White, T., Winkler, A. M., Wittfeld, K., Woldehawariat, G., Wolf, C., Zilles, D., Zwiers, M. P., Thalamuthu, A., Schofield, P. R., Freimer, N. B., Lawrence, N. S., Drevets, W., Alzheimer's Disease Neuroimaging Initiative, EPiGEN Consortium, IMAGEN Consortium, Saguenay Youth Study (SYS) Group (2014)

The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*. 8(2): 153–182. *Impactfaktor Journal (2017)*: 3,7

172. Gruber, O., Falkai, P. (2014)

Bildgebende Verfahren in der Schizophrenieforschung: Vom pathophysiologischen Verständnis zur Aufklärung der Therapiemechanismen. *Neuro-Psychiatrische Nachrichten*. 1(9):

173. Gruber, O., Chadha Santuccioni, A., Aach, H. (2014)

Magnetic resonance imaging in studying schizophrenia, negative symptoms, and the glutamate system. *Frontiers in Psychiatry*. 5: 32. *Impactfaktor Journal (2017)*: 2,9

174. Schmitt, A., Hasan, A., Gruber, O., Falkai, P. (2011)

Schizophrenia as a disorder of disconnectivity. *European Archives of Psychiatry and Clinical Neuroscience*. 261 Suppl 2: 150–154. *Impactfaktor Journal (2017)*: 3,6

175. Gruber, O. (2011)

Hirnbildgebungsmarker. *Der Nervenarzt*. 82(11): 1404–1413. *Impactfaktor Journal (2017)*: 0,7

176. Falkai, P., Gruber, O., Schulze, T. G., Schmitt, A. (2011)

[Schizophrenia as a network disorder - from a dysfunction of neural networks to a dysfunction of gene nets]. *Nervenheilkunde*. 30(4): 218–223.

177. Yeganeh-Doost, P., Gruber, O., Falkai, P., Schmitt, A. (2011)

The role of the cerebellum in schizophrenia: from cognition to molecular pathways. *Clinics*. 66(Suppl 1): 71–77. *Impactfaktor Journal (2017)*: 1,3

178. Schmitt, A., Wobrock, T., **Gruber, O.**, Falkai, P. (2010)  
Neurobiologie der chronisch schizophrenen Erkrankungen: Progressive Enzephalopathie oder Störung der Neuroplastizität? *Journal für Neurologie, Neurochirurgie und Psychiatrie*. 12(2): 157–161.
179. Schmitt, A., **Gruber, O.**, Falkai, P. (2010)  
[Neurobiological basis of schizophrenia - synaptopathy, disturbed neurogenesis, or both?]. *Nervenheilkunde*. 29(5): 291–296.
180. Schulze, T. G., Alda, M., Adli, M., Akula, N., Ardu, R., Bui, E. T., Chillotti, C., Cichon, S., Czerski, P., Del Zompo, M., Detera-Wadleigh, S. D., Grof, P., **Gruber, O.**, Hashimoto, R., Hauser, J., Hoban, R., Iwata, N., Kassem, L., Kato, T., Kittel-Schneider, S., Kliwicki, S., Kelsoe, J. R., Kusumi, I., Laje, G., Leckband, S. G., Manchia, M., Macqueen, G., Masui, T., Ozaki, N., Perlis, R. H., Pfennig, A., Piccardi, P., Richardson, S., Rouleau, G., Reif, A., Rybakowski, J. K., Sasse, J., Schumacher, J., Severino, G., Smoller, J. W., Squassina, A., Turecki, G., Young, L. T., Yoshikawa, T., Bauer, M., McMahon, F. J. (2010)  
The International Consortium on Lithium Genetics (ConLiGen): an initiative by the NIMH and IGSLI to study the genetic basis of response to lithium treatment. *Neuropsychobiology*. 62(1): 72–78. *Impactfaktor Journal (2017): 1,4*
181. Engel, K., Bandelow, B., **Gruber, O.**, Wedekind, D. (2009)  
Neuroimaging in anxiety disorders. *Journal of Neural Transmission*. 116(6): 703–716. *Impactfaktor Journal (2017): 2,8*
182. Gruber, O., Falkai, P. (2009)  
Von der Identifizierung neurofunktioneller Systeme zur Individualisierung der Therapie schizophrener Störungen. *Der Nervenarzt*. 80(1): 12–21. *Impactfaktor Journal (2017): 0,7*
183. Gruber, O., Obst, K. (2009)  
Die Rolle der Amygdala bei affektiven Störungen. *Der Neurologe und Psychiater*. (10): 37–44.
184. Melcher, T., Falkai, P., **Gruber, O.** (2008)  
Functional brain abnormalities in psychiatric disorders: neural mechanisms to detect and resolve cognitive conflict and interference. *Brain Research Reviews (incorporated into Brain Research)*. 59(1): 96–124. *Impactfaktor Journal (2017): 3,1*
185. Diekhof, E. K., Falkai, P., **Gruber, O.** (2008)  
Functional neuroimaging of reward processing and decision-making: a review of aberrant motivational and affective processing in addiction and mood disorders. *Brain Research Reviews (incorporated into Brain Research)*. 59(1): 164–184. *Impactfaktor Journal (2017): 3,1*
186. Schmitt, A., Parlapani, E., **Gruber, O.**, Wobrock, T., Falkai, P. (2008)  
Impact of neuregulin-1 on the pathophysiology of schizophrenia in human post-mortem studies. *European Archives of Psychiatry and Clinical Neuroscience*. 258 Suppl 5: 35–39. *Impactfaktor Journal (2017): 3,6*
187. Falkai, P., Wobrock, T., Schneider-Axmann, T., **Gruber, O.** (2008)  
[Schizophrenia as a brain disorder and its development]. *Fortschritte der Neurologie-Psychiatrie*. 76 Suppl 1: 63–67. *Impactfaktor Journal (2017): 0,4*

188. Zilles, D., Gruber, O. (2008)  
Kognitive Störungen bei schizophrenen Patienten - Ihre Relevanz in Wissenschaft und klinischer Praxis. *psychoneuro*. 34(4): 191–199.
189. Wobrock, T., Gruber, O. (2008)  
Pharmakotherapie der Schizophrenie - Leitliniengerecht und individuell. *psychoneuro*. 34(4): 184–189.
190. **Gruber, O.**, Diekhof, E., Falkai, P. (2008)  
Die funktionelle Organisation des Stirnhirns: Relevanz für neuropsychiatrische Störungsbilder. *Fortschritte der Neurologie-Psychiatrie*. 76(3): 174–180. *Impactfaktor Journal (2017): 0,4*
191. Diekhof, E., Gruber, O. (2008)  
Die funktionelle Organisation des frontalen Kortex: Grundlegende Erkenntnisse aus den Systemischen Neurowissenschaften. *Fortschritte der Neurologie-Psychiatrie*. 76(1): 49–56. *Impactfaktor Journal (2017): 0,4*
192. Gruber, O., Falkai, P. (2008)  
Akut- und Langzeittherapie der Schizophrenie. Nach welchen Kriterien richtet sich die Medikation? *MMW - Fortschritte der Medizin*. 150(S2): 16–19.
193. Henseler, I., Gruber, O. (2007)  
Arbeitsgedächtnisstörungen bei psychiatrischen Erkrankungen. *Der Nervenarzt*. 78(9): 991–996. *Impactfaktor Journal (2017): 0,7*
194. Falkai, P., Gruber, O. (2007)  
Der Beitrag der Biologischen Psychiatrie zur Entwicklung integrativer psychiatrischer Diagnostik. *Die Psychiatrie*. 4(4): 221–224.
195. **Gruber, O.**, Gruber, E., Falkai, P. (2005)  
[Neural correlates of working memory deficits in schizophrenic patients. Ways to establish neurocognitive endophenotypes of psychiatric disorders]. *Der Radiologe*. 45(2): 153–160. *Impactfaktor Journal (2017): 0,4*
196. Gruber, O., Goschke, T. (2004)  
Executive control emerging from dynamic interactions between brain systems mediating language, working memory and attentional processes. *Acta Psychologica*. 115(2-3): 105–121.
197. Gruber, O., Falkai, P. (2004)  
Brain-Imaging. Was ist anders im Gehirn schizophrener Patienten? *Extracta psychiatricae, neurologica*. 18(12): 13–16.
198. Gruber, O., Falkai, P. (2003)  
Neurobiologie der gestörten zerebralen Konnektivität bei schizophrenen Psychosen. *MedReport*. (41): 8–11.
199. Taylor, J. G., Schmitz, N., Ziemons, K., Grosse-Ruyken, M. L., **Gruber, O.**, Mueller-Gaertner, H. W., Shah, N. J. (2000)  
The network of brain areas involved in the motion aftereffect. *NeuroImage*. 11(4): 257–270. *Impactfaktor Journal (2017): 5,4*

200. Müller, U., Gruber, O. (1999)  
Präfrontaler Kortex und Schizophrenie. *Psycho.* (25): 489–495.

### 3. Buchbeiträge

201. Goya-Maldonado, R., **Gruber, O. (2014)**  
„Imaging Cognition“, in *MRI in Psychiatry*, Hrsg. C. Mulert und M. E. Shenton. Berlin, Heidelberg: Springer Berlin Heidelberg.

202. Wolf, C., **Gruber, O.**, Herpertz, S. (2013)  
„Experimentelle fMRT“, in *Systemische Neurowissenschaften in der Psychiatrie: Methoden und Anwendung in der Praxis*, Hrsg. O. Gruber und P. Falkai. Stuttgart: Kohlhammer, 88–119.

203. Diekhof, E., Gruber, O. (2013)  
„Untersuchung funktioneller und effektiver Konnektivität mit fMRT“, in *Systemische Neurowissenschaften in der Psychiatrie: Methoden und Anwendung in der Praxis*, Hrsg. O. Gruber und P. Falkai. Stuttgart: Kohlhammer, 120–132.

204. Hasan, A., Gruber, O. (2013)  
„Untersuchung kortikaler Plastizität mit repetitiver transkranieller Magnetstimulation und transkranieller Gleichstromstimulation“, in *Systemische Neurowissenschaften in der Psychiatrie: Methoden und Anwendung in der Praxis*, Hrsg. O. Gruber und P. Falkai. Stuttgart: Kohlhammer, 208–224.

205. Gruber, O. (2013)  
„Psychiatry in Europe“, in *Encyclopedia of Sciences and Religions*, Hrsg. A. Runehov und L. Oviedo. Dordrecht ; New York: Springer, 1869–1874.

206. Gruber, O. (2013)  
„Neurokognition und Affektregulierung bei schizophrenen Psychosen: Neuropsychologie, Bildgebung, Testdiagnostik und Behandlung“, in *Neurokognition und Affektregulierung bei schizophrenen Psychosen: Neuropsychologie, Bildgebung, Testdiagnostik und Behandlung*, Hrsg. G. Sachs und H.-P. Volz. Stuttgart: Schattauer, 59 – 88.

207. Gruber, O. (2012)  
„Neuronale Korrelate kognitiver Funktionsstörungen bei schizophrenen Psychosen“, in *Neurokognition und Affektregulierung bei schizophrenen Psychosen: Neuropsychologie, Bildgebung, Testdiagnostik und Behandlung*, Hrsg. G. Sachs und H.-P. Volz. Stuttgart: Schattauer, 59–88.

208. Falkai, P., **Gruber, O.**, Schmitt, A. (2012)  
„Schizophrenia“, in *The Clinical Neurobiology of the Hippocampus: An integrative view*, Hrsg. T. Bartsch. Oxford University Press, 288–296.

209. Gruber, O. (2008)  
„The neural implementation of working memory“, in *Neural Correlates of Thinking*, Hrsg. E. Kraft, B. Gulyás, und E. Pöppel. Springer, 109–122.

210. Gruber, O. (2007)

„Arbeitsgedächtnis – Bildgebung“, in *Neuropsychologie der Schizophrenie: Symptome, Kognition, Gehirn*, Hrsg. T. Kircher und S. Gauggel. Heidelberg: Springer, 242–251.

#### 4. Bücher

211. Gruber, O., Falkai, P. (2013)

Systemische Neurowissenschaften in der Psychiatrie: Methoden und Anwendung in der Praxis. 1. Aufl. 103 Abb., 10 Tab. Stuttgart: Kohlhammer

212. Bandelow, B., **Gruber, O.**, Falkai, P. (2012)

Kurzlehrbuch Psychiatrie. 2., überarb. u. akt. Aufl. 2013. Berlin: Springer

213. Bandelow, B., **Gruber, O.**, Falkai, P. (2008)

Kurzlehrbuch Psychiatrie. 2008. Aufl. Heidelberg: Steinkopff

214. Gruber, O. (1999)

Symptomatik und Diagnostik bei neuroleptika-induzierter Akathisie: Subjektives Erleben des Patienten und Wirkungen von Aktivierungstests (Dissertation). Aachen: Shaker Verlag

#### 5. Fallberichte, Leserbriefe und Kommentare

215. Zilles, D., Hasan, A., **Gruber, O.**, Degner, D. (2010)

Acute polydipsia and water intoxication in first episode schizophrenia. *The Australian and New Zealand Journal of Psychiatry*. 44(5): 489. *Impactfaktor Journal (2017): 5,1*

216. Gruber, O. (2005)

Direkte Darstellbarkeit kognitiver Defizite fraglich. Diskussionsbeitrag (Letter) zu T. Kircher et al.: Funktionelle Bildgebung am Beispiel der Schizophrenie. *Deutsches Ärzteblatt*. 102(4): 214.

217. Gruber, O. (2004)

Elektrische Tiefenhirnstimulation bei Morbus Parkinson – Lieber unter Strom als unter L-Dopa? *InFo Neurologie & Psychiatrie*. 6(2): 25.

#### 6. Publierte Abstracts

über 400