

Die Besten Eigen- und Kooperationspublikationen 2019

Eigenpublikationen

1. Breinig M, Schweitzer AY, Herianto AM, Revia S, Schaefer L, Wendler L, Cobos Galvez A, Tschaharganeh DF. Multiplexed orthogonal genome editing and transcriptional activation by Cas12a. *Nat Methods*. 2019 Jan;16(1):51-54. (IF: 28.46)
2. Longerich T, Endris V, Neumann O, Rempel E, Kirchner M, Abadi Z, Uhrig S, Kriegsmann M, Weiss KH, Breuhahn K, Mehrabi A, Weber TF, Wilkens L, Straub BK, Rosenwald A, Schulze F, Brors B, Froehling S, Pellegrino R, Budczies J, Schirmacher P, Stenzinger A. RSPO2 gene rearrangement: a powerful driver of β -catenin activation in liver tumours. *Gut*. 2019 Jul;68(7):1287-1296. (IF: 17.94)
3. Goeppert B, Toth R, Singer S, Albrecht T, Lipka DB, Lutsik P, Brocks D, Baehr M, Muecke O, Assenov Y, Gu L, Endris V, Stenzinger A, Mehrabi A, Schirmacher P, Plass C, Weichenhan D, Roessler S. Integrative Analysis Defines Distinct Prognostic Subgroups of Intrahepatic Cholangiocarcinoma. *Hepatology*. 2019 May;69(5):2091-2106. (IF: 14.97)
4. Budczies J, Allgäuer M, Litchfield K, Rempel E, Christopoulos P, Kazdal D, Endris V, Thomas M, Fröhling S, Peters S, Swanton C, Schirmacher P, Stenzinger A. Optimizing panel-based tumor mutational burden (TMB) measurement. *Ann Oncol*. 2019 Sep 1;30(9):1496-1506. (IF: 14.20)
5. Kazdal D, Endris V, Allgäuer M, Kriegsmann M, Leichsenring J, Volckmar AL, Harms A, Kirchner M, Kriegsmann K, Neumann O, Brandt R, Talla SB, Rempel E, Ploeger C, von Winterfeld M, Christopoulos P, Merino DM, Stewart M, Allen J, Bischoff H, Meister M, Muley T, Herth F, Penzel R, Warth A, Winter H, Fröhling S, Peters S, Swanton C, Thomas M, Schirmacher P, Budczies J, Stenzinger A. Spatial and Temporal Heterogeneity of Panel-Based Tumor Mutational Burden in Pulmonary Adenocarcinoma: Separating Biology From Technical Artifacts. *J Thorac Oncol*. 2019 Nov;14(11):1935-1947. (IF: 12.46)

Kooperationspublikationen

6. Moon SH, Huang CH, Houlihan SL, Regunath K, Freed-Pastor WA, Morris JP 4th, Tschaharganeh DF, Kastenhuber ER, Barsotti AM, Culp-Hill R, Xue W, Ho YJ, Baslan T, Li X, Mayle A, de Stanchina E, Zender L, Tong DR, D'Alessandro A, Lowe SW, Prives C. p53 Represses the Mevalonate Pathway to Mediate Tumor Suppression. *Cell*. 2019 Jan 24;176(3):564-580.e19. (IF: 31.398)
7. Menzer C, Menzies AM, Carlino MS, Reijers I, Groen EJ, Eigentler T, de Groot JWB, van der Veldt AAM, Johnson DB, Meiss F, Schlaak M, Schilling B, Westgeest HM, Gutzmer R, Pföhler C, Meier F, Zimmer L, Suijkerbuijk KPM, Haalck T, Thoms KM, Herbschleb K, Leichsenring J, Menzer A, Kopp-Schneider A, Long GV, Kefford R, Enk A, Blank CU, Hassel JC. Targeted Therapy in Advanced Melanoma With Rare BRAF Mutations. *J Clin Oncol*. 2019 Nov 20;37(33):3142-3151. (IF: 28.25)
8. Fan W, Liu T, Chen W, Hammad S, Longerich T, Hausser I, Fu Y, Li N, He Y, Liu C, Zhang Y, Lian Q, Zhao X, Yan C, Li L, Yi C, Ling Z, Ma L, Zhao X, Xu H, Wang P, Cong M, You H, Liu Z, Wang Y, Chen J, Li D, Hui L, Dooley S, Hou J, Jia J, Sun B. ECM1 Prevents Activation of Transforming Growth Factor β , Hepatic Stellate Cells, and Fibrogenesis in Mice. *Gastroenterology*. 2019 Nov;157(5):1352-1367.e13. (IF: 19.23)
9. Elßner C, Goeppert B, Longerich T, Scherr AL, Stindt J, Nanduri LK, Rupp C, Kather JN, Schmitt N, Kautz N, Breuhahn K, Ismail L, Heide D, Hetzer J, García-Beccaria M, Hövelmeyer N, Waisman A, Urbanik T, Mueller S, Gdynia G, Banales JM, Roessler S, Schirmacher P, Jäger D, Schölch S, Keitel V, Heikenwalder M, Schulze-Bergkamen H, Köhler BC. Nuclear Translocation of RELB Is Increased in Diseased Human Liver and Promotes Ductular Reaction and Biliary Fibrosis in Mice. *Gastroenterology*. 2019 Mar;156(4):1190-1205.e14. (IF: 19.23)
10. Rusu P, Shao C, Neuerburg A, Acikgöz AA, Wu Y, Zou P, Phapale P, Shankar TS, Döring K, Dettling S, Körkel-Qu H, Bekki G, Costa B, Guo T, Friesen O, Schlotter M, Heikenwalder M, Tschaharganeh DF, Bukau B, Kramer G, Angel P, Herold-Mende C, Radlwimmer B, Liu HK. GPD1 Specifically Marks Dormant Glioma Stem Cells with a Distinct Metabolic Profile. *Cell Stem Cell*. 2019 Aug 1;25(2):241-257.e8. (IF: 21.46)