

DKTK Publikationen Januar - Dezember 2021

Im Folgenden werden die **1641** ISI- oder SCOPUS-referierten Publikationen mit DKTK Affiliation von Wissenschaftlern des Kernzentrums sowie der DKTK Partnerstandorte in alphabetischer Reihenfolge, Angabe des Impaktfaktors (IF) vom Jahr 2020 und Standortzuordnung (Bezug: DKTK-affiliierte Wissenschaftler) aufgeführt (Stand 02.03.2022). Keine IF-Angabe (nn) bedeutet, dass es keinen IF-Wert gibt (Publikationen stammen aus der Datenbank SCOPUS oder sind für Ermittlungen eines IF noch zu neu).

1. Abakushina Elena V., Popova Liubov I., Zamyatnin Andrey A., Werner Jens*, Mikhailovsky Nikolay V., Bazhin Alexandr V.*: *The Advantages and Challenges of Anticancer Dendritic Cell Vaccines and NK Cells in Adoptive Cell Immunotherapy*. **Vaccines** 2021, 9:1363. **MU01_**(4,422)
2. Abdelfatah Sara, Naß Janine, Knorz Caroline, Klauß Sabine M*, Küpper Jan-Heiner, Efferth Thomas: *Pyrolizidine alkaloids cause cell cycle and DNA damage repair defects as analyzed by transcriptomics in cytochrome P450 3A4-overexpressing HepG2 clone 9 cells*. **Cell biology and toxicology** 2022, 38:325-345. **B063, HD01_**(6,691)
3. Abdul Razak Albiruni R, Bauer Sebastian*, Suarez Cristina, Lin Chia-Chi, Quek Richard, Hütter-Krönke Marie Luise, Cubedo Ricardo, Ferretti Stephane, Guerreiro Nelson, Jullion Astrid, Orlando Elena J, Clementi Giorgia, Sand Dejmek Janna, Halilovic Ensar, Fabre Claire, Blay Jean-Yves, Italiano Antoine: *Co-Targeting of MDM2 and CDK4/6 with Siremadlin and Ribociclib for the Treatment of Patients with Well-Differentiated or Dedifferentiated Liposarcoma: Results From a Proof-of-Concept, Phase Ib Study*. **Clinical cancer research** 2022, 28:1087–1097. **ED01_**(12,531)
4. Abplanalp Wesley Tyler, Cremer Sebastian, John David, Hoffmann Jędrzej, Schuhmacher Bianca, Merten Maximilian, Rieger Michael A*, Vasa-Nicotera Mariuca, Zeiher Andreas M, Dimmeler Stefanie: *Clonal Hematopoiesis-Driver DNMT3A Mutations Alter Immune Cells in Heart Failure*. **Circulation research** 2021, 128:216 - 228. **FM01_**(17,367)
5. Abplanalp Wesley T, John David, Cremer Sebastian, Assmus Birgit, Dorsheimer Lena, Hoffmann Jędrzej, Becker-Pergola Graziella, Rieger Michael A*, Zeiher Andreas M, Vasa-Nicotera Mariuca, Dimmeler Stefanie: *Single cell RNA sequencing reveals profound changes in circulating immune cells in patients with heart failure*. **Cardiovascular research** 2021, 117:484-494. **FM01_**(10,787)
6. Adachi Toma, Miyashita Satoshi, Yamashita Mariko, Shimoda Mana, Okonechnikov Konstantin*, Chavez Lukas, Kool Marcel*, Pfister Stefan M*, Inoue Takafumi, Kawauchi Daisuke, Hoshino Mikio: *Notch Signaling between Cerebellar Granule Cell Progenitors*. **eNeuro** 2021, 8:ENEURO.0468-0420.2021. **B062, HD01_**(4,081)
7. Adamczyk Alexandra, Pastille Eva, Kehrmann Jan, Vu Vivian P, Geffers Robert, Wasmer Marie-Hélène, Kasper Stefan*, Schuler Martin, Lange Christian M, Muggli Beat, Rau Tilman T, Klein Diana, Hansen Wiebke, Krebs Philippe, Buer Jan, Westendorf Astrid M: *GPR15 facilitates recruitment of regulatory T cells to promote colorectal cancer*. **Cancer research** 2021, 81:2970-2982. **ED01_**(12,701)

8. Adolph Jonas E, Fleischhack Gudrun, Gaab Christine, Mikasch Ruth, Mynarek Martin, Rutkowski Stefan, Schüller Ulrich, Pfister Stefan M*, Pajtler Kristian*, Milde Till*, Witt Olaf*, Bison Brigitte, Warmuth-Metz Monika, Kortmann Rolf-Dieter, Dietzsch Stefan, Pietsch Torsten, Timmermann Beate, Tippelt Stephan, HIT-Network German GPOH: *Systemic chemotherapy of pediatric recurrent ependymomas: results from the German HIT-REZ studies*. **Journal of neuro-oncology** 2021, 155:193-202. **B062, B310, HD01_(4,130)**
9. Affo Silvia, Nair Ajay, Brundu Francesco, Ravichandra Aashreya, Bhattacharjee Sonakshi, Matsuda Michitaka, Chin LiKang, Filliol Aveline, Wen Wen, Song Xinhua, Decker Aubrianna, Worley Jeremy, Caviglia Jorge Matias, Yu Lexing, Yin Deqi, Saito Yoshinobu, Savage Thomas, Wells Rebecca G, Mack Matthias, Zender Lars*, Arpaia Nicholas, Remotti Helen E, Rabadan Raul, Sims Peter, Leblond Anne-Laure, Weber Achim, Riener Marc-Oliver, Stockwell Brent R, Gaublonne Jellert, Llovet Josep M, Michalopoulos George K, Seki Ekihiro, Sia Daniela, Chen Xin, Califano Andrea, Schwabe Robert F: *Promotion of cholangiocarcinoma growth by diverse cancer-associated fibroblast subpopulations*. **Cancer cell** 2021, 39:866-882.e811. **TU01_(31,743)**
10. Aftahy Amir Kaywan, Groll Maximilian, Barz Melanie, Bernhardt Denise, Combs Stephanie E*, Meyer Bernhard, Negwer Chiara, Gempt Jens: *Surgical Management of Jugular Foramen Schwannomas*. **Cancers** 2021, 13:4218. **MU01_(6,639)**
11. Ahadova Aysel*, Seppälä Toni T, Engel Christoph, Gallon Richard, Burn John, Holinski-Feder Elke, Steinke-Lange Verena, Möslein Gabriela, Nielsen Maartje, Ten Broeke Sanne, Laghi Luigi, Dominguez-Valentin Mev, Capella Gabriel, Macrae Finlay, Scott Rodney, Hüneburg Robert, Nattermann Jacob, Hoffmeister Michael*, Brenner Hermann*, Bläker Hendrik, von Knebel Doeberitz Magnus*, Sampson Julian R, Vasen Hans, Mecklin Jukka-Pekka, Møller Pål, Kloor Matthias*: *The 'unnatural' history of colorectal cancer in Lynch syndrome: lessons from colonoscopy surveillance*. **International journal of cancer** 2021, 148:800-811. **F210, C070, C120, HD01_(7,396)**
12. Ahmadov Ulvi*, Picard Daniel Joseph*, Bartl Jasmin*, Silginer Manuela, Trajkovic-Arsic Marija*, Qin Nan*, Blümel Lena*, Wolter Marietta, Lim Jonathan K M, Pauck David*, Winkelkotte Alina Marie*, Melcher Marlen, Langini Maike, Marquardt Viktoria*, Sander Felix*, Stefanski Anja, Steltgens Sascha, Hassiepen Christina, Kaufhold Anna*, Meyer Frauke-Dorothee*, Seibt Annette, Kleinesudeik Lara*, Hain Anika, Münk Carsten, Knobbe-Thomsen Christiane Brigitte, Schramm Alexander, Fischer Ute, Leprivier Gabriel, Stühler Kai, Fulda Simone*, Siveke Jens T*, Distelmaier Felix, Borkhardt Arndt*, Weller Michael, Roth Patrick, Reifenberger Guido*, Remke Marc*: *The long non-coding RNA HOTAIRM1 promotes tumor aggressiveness and radiotherapy resistance in glioblastoma*. **Cell death & disease** 2021, 12:885. **ED01, FM01_(8,469)**
13. Aide Nicolas, Lasnon Charline, Kesner Adam, Levin Craig S, Buvat Irene, Iagaru Andrei, Hermann Ken*, Badawi Ramsey D, Cherry Simon R, Bradley Kevin M, McGowan Daniel R: *New PET technologies – embracing progress and pushing the limits*. **European journal of nuclear medicine and molecular imaging** 2021, 48:2711–2726. **ED01_(9,236)**
14. Akbaba Sati*, Rühle Alexander*, Rothhaar Sofie, Zamboglou Constantinos*, Gkika Eleni*, Foerster Robert, Oebel Laura*, Klodt Tristan*, Schmidberger Heinz*, Grosu Anca-Ligia*, Debus Jürgen, Bostel Tilman*, Nicolay Nils H*: *Treatment outcomes of elderly salivary gland cancer patients undergoing radiotherapy - results from a large multicenter analysis*. **Radiotherapy and oncology** 2021, 156:266-274. **FM01, FR01, HD01, E050_(6,280)**

15. Alankus Begüm, Ecker Veronika, Vahl Nathalie, Braun Martina, Weichert Wilko*, Macher-Göppinger Stephan, Gehring Torben, Neumayer Tanja, Zenz Thorsten, Buchner Maïke*, Ruland Jürgen*: *Pathological RANK signaling in B cells drives autoimmunity and chronic lymphocytic leukemia*. **Journal of experimental medicine** 2021, 218:e20200517. **MU01_(14,307)**
16. Albert Thomas K, Interlandi Marta, Sill Martin*, Graf Monika, Moreno Natalia, Menck Kerstin, Rohlmann Astrid, Melcher Viktoria, Korbanka Sonja, Meyer zu Hörste Gerd, Lautwein Tobias, Frühwald Michael C, Krebs Christian F, Holdhof Dörthe, Schoof Melanie, Missler Markus, Bleckmann Annalen, Dugas Martin, Schüller Ulrich, Jäger Natalie*, Pfister Stefan*, Kerl Kornelius: *An extracellular vesicle-related gene expression signature identifies high-risk patients in medulloblastoma*. **Neuro-Oncology** 2021, 23:586–598. **B062, HD01_(12,300)**
17. Alberts Ian L, Seifert Robert, Rahbar Kambiz*, Afshar-Oromieh Ali: *Prostate Cancer Theranostics: From Target Description to Imaging*. **PET clinics** 2021, 16:383 - 390. **ED01_(nn)**
18. Albinger Nawid, Hartmann Jessica, Ullrich Evelyn*: *Current status and perspective of CAR-T and CAR-NK cell therapy trials in Germany*. **Gene therapy** 2021, 28:513-527. **FM01_(5,250)**
19. Albrecht Annemarie, Porthun Jan, Eucker Jan, Coats Andrew J. S., von Haehling Stephan, Pezzutto Antonio, Karakas Mahir, Riess Hanno, Keller Ulrich*, Landmesser Ulf, Haverkamp Wilhelm, Anker Stefan D., Anker Markus S.: *Spontaneous Non-Sustained Ventricular Tachycardia and Premature Ventricular Contractions and Their Prognostic Relevance in Patients with Cancer in Routine Care*. **Cancers** 2021, 13:2303. **BE01_(6,639)**
20. Albrecht Fenja, Wolters Heidi, Ziert Yvonne, Timmermann Beate*, Kortmann Rolf-Dieter, Matuschek Christiane, Rübe Christian, Martini Carmen, Christiansen Hans, Eich Hans Theodor, Willich Normann, Steinmann Diana: *Evaluation of treatment-associated eye toxicity after irradiation in childhood and adolescence—results from the Registry of the Evaluation of Side Effects after Radiotherapy in Childhood and Adolescence (RiSK)*. **Strahlentherapie und Onkologie** 2021, 197:700-710. **ED01_(3,621)**
21. Albrecht Jakob*, Exner Samantha, Grötzinger Carsten*, Prasad Sonal, Konietschke Frank, Beindorff Nicola, Kühl Anja A, Prasad Vikas, Brenner Winfried*, Koziolk Eva*: *Multimodal Imaging of 2-Cycle PRRT with 177Lu-DOTA-JR11 and 177Lu-DOTATOC in an Orthotopic Neuroendocrine Xenograft Tumor Mouse Model*. **Journal of nuclear medicine** 2021, 62:393 - 398. **BE01_(10,057)**
22. Alhalabi Karam T*, Stichel Damian*, Sievers Philipp*, Peterziel Heike, Sommerkamp Alexander C*, Sturm Dominik*, Wittmann Andrea*, Sill Martin*, Jäger Natalie*, Beck Pengbo*, Pajtler Kristian W*, Snuderl Matija, Jour George, Delorenzo Michael, Martin Allison M, Levy Adam, Dalvi Nagma, Hansford Jordan R, Gottardo Nicholas G, Uro-Coste Emmanuelle, Maurage Claude-Alain, Godfraind Catherine, Vandenbos Fanny, Pietsch Torsten, Kramm Christof, Filippidou Maria*, Kattamis Antonis, Jones Chris, Øra Ingrid, Mikkelsen Torben Stamm, Zapotocky Michal, Sumerauer David, Scheie David, McCabe Martin, Wesseling Pieter, Tops Bastiaan B J, Kranendonk Mariëtte E G, Karajannis Matthias A, Bouvier Nancy, Papaemmanuil Elli, Dohmen Hildegard, Acker Till, von Hoff Katja, Schmid Simone, Miele Evelina, Filipski Katharina*, Kitanovski Lidija, Krskova Lenka, Gojo Johannes*, Haberler Christine, Alvaro Frank, Ecker Jonas*, Selt Florian*, Milde Till*, Witt Olaf*, Oehme Ina*, Kool Marcel*, von Deimling Andreas*, Korshunov Andrey*, Pfister Stefan M*, Sahm Felix*, Jones David*: *PATZ1 fusions define a novel molecularly distinct neuroepithelial tumor entity with a broad histological spectrum*. **Acta**

neuropathologica 2021, 142:841-857. **B360, B300, HD01, B062, FM01, B310_(17,088)**

23. Ali Muhammad, Giannakopoulou Eirini, Li Yingqian, Lehander Madeleine, Virding Culleton Stina, Yang Weiwen, Knetter Cathrine, Odabasi Mete Can, Bollineni Ravi Chand, Yang Xinbo, Foldvari Zsolia, Bösch Maxi-Lu, Taraldsrud Eli, Strønen Erlend, Toebe Mireille, Hillen Amy, Mazzi Stefania, de Ru Arnoud H, Janssen George M C, Kolstad Arne, Tjønnfjord Geir Erland, Lie Benedicte A, Griffioen Marieke, Lehmann Sören, Osnes Liv Toril, Buechner Jochen, Garcia K Christopher, Schumacher Ton N, van Veelen Peter A, Leisegang Matthias*, Jacobsen Sten Eirik W, Woll Petter, Olweus Johanna: *T cells targeted to TdT kill leukemic lymphoblasts while sparing normal lymphocytes*. **Nature biotechnology** 2022, 40:488-498. **BE01_(54,908)**
24. AlJanahi Aisha A, Lazzarotto Cicera R, Chen Shirley, Shin Tae-Hoon, Cordes Stefan, Fan Xing, Jabara Isabel, Zhou Yifan, Young David J, Lee Byung-Chul, Yu Kyung-Rok, Li Yuesheng, Toms Bradley, Tunc Ilker, Hong So Gun, Truitt Lauren L, Klermund Julia, Andrieux Geoffroy*, Kim Miriam Y, Cathomen Toni, Gill Saar, Tsai Shengdar Q, Dunbar Cynthia E: *Prediction and Validation of Hematopoietic Stem and Progenitor Cell Off-Target Editing in Transplanted Rhesus Macaques*. **Molecular therapy** 2022, 30:209-222. **FR01_(11,454)**
25. Almansour Haidara, Afat Saif, Fritz Victor, Schick Fritz, Nachbar Marcel, Thorwarth Daniela*, Zips Daniel*, Müller Arndt-Christian, Nikolaou Konstantin, Othman Ahmed E., Wegener Daniel: *Prospective Image Quality and Lesion Assessment in the Setting of MR-Guided Radiation Therapy of Prostate Cancer on an MR-Linac at 1.5 T: A Comparison to a Standard 3 T MRI*. **Cancers** 2021, 13:1533. **TU01_(6,639)**
26. Altay-Langguth Alev, Balermipas Panagiotis, Brandts Christian*, Balster Sven, Ghanaati Shahram, Winkelmann Ria, Burck Iris, Rödel Franz*, Martin Daniel*, Rödel Claus*, von der Grün Jens*: *Re-irradiation with concurrent and maintenance nivolumab in locally recurrent and inoperable squamous cell carcinoma of the head and neck: A single-center cohort study*. **Clinical and translational radiation oncology** 2021, 28:71 - 78. **FM01_(nn)**
27. Altmann Annette*, Haberkorn Uwe*, Siveke Jens*: *The Latest Developments in Imaging of Fibroblast Activation Protein*. **Journal of nuclear medicine** 2021, 62:160 - 167. **E060, ED01_(10,057)**
28. Alwers Elizabeth*, Carr Prudence*, Banbury Barbara, Walter Viola*, Chang-Claude Jenny*, Jansen Lina*, Drew David A, Giovannucci Edward, Nan Hongmei, Berndt Sonja I, Huang Wen-Yi, Prizment Anna, Hayes Richard B, Sakoda Lori C, White Emily, Labadie Julia, Slattery Martha, Schoen Robert E, Diergaarde Brenda, van Guelpen Bethany, Campbell Peter T, Peters Ulrike, Chan Andrew T, Newcomb Polly A, Hoffmeister Michael*, Brenner Hermann*: *Smoking Behavior and Prognosis After Colorectal Cancer Diagnosis: A Pooled Analysis of 11 Studies*. **JNCI cancer spectrum** 2021, 5:pkab077. **C070, C120, HD01, C020_(nn)**
29. Alwers Elizabeth*, Jansen Lina*, Kather Jakob, Amitay Efrat*, Bläker Hendrik, Kloor Matthias, Tagscherer Katrin E, Roth Wilfried, Herpel Esther, Chang-Claude Jenny*, Brenner Hermann*, Hoffmeister Michael*: *Response to neoadjuvant treatment among rectal cancer patients in a population-based cohort*. **International journal of colorectal disease** 2021, 36:177-185. **C070, C020, C120, HD01_(2,571)**
30. Amadou Amina, Freisling Heinz, Jenab Mazda, Tsilidis Konstantinos K, Trichopoulou Antonia, Boffetta Paolo, Van Guelpen Bethany, Mokoroa Olatz, Wilsgaard Tom, Kee Frank, Schöttker

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31. Amitay Efrat*, Niedermaier Tobias*, Gies Anton*, Hoffmeister Michael*, Brenner Hermann*: *Risk Factors of Inadequate Bowel Preparation for Screening Colonoscopy*. **Journal of Clinical Medicine** 2021, 10:2740. **C070, C120, HD01_(4,241)**
 32. Amler Anna-Klara, Schlauch Domenic, Tüzüner Selin, Thomas Alexander, Neckel Norbert, Tinhofer Ingeborg*, Heiland Max, Lauster Roland, Kloke Lutz, Stromberger Carmen, Nahles Susanne: *Pilot investigation on the dose-dependent impact of irradiation on primary human alveolar osteoblasts in vitro*. **Scientific reports** 2021, 11:19833. **BE01_(4,379)**
 33. Andrieux Geoffroy*, Chakraborty Sajib: *Editorial: Integration of Multi-Omics Techniques in Cancer*. **Frontiers in genetics** 2021, 12:733965. **FR01_(4,599)**
 34. Angeles Arlou*, Christopoulos Petros, Yuan Zhao*, Bauer Simone*, Janke Florian*, Ogrodnik Simon John*, Reck Martin, Schlesner Matthias*, Meister Michael, Schneider Marc A., Dietz Steffen*, Stenzinger Albrecht, Thomas Michael, Sültmann Holger*: *Early identification of disease progression in ALK-rearranged lung cancer using circulating tumor DNA analysis*. **npj precision oncology** 2021, 5:100. **B063, HD01, B240_(8,254)**
 35. Angeles Arlou*, Janke Florian*, Bauer Simone*, Christopoulos Petros, Riediger Anja Lisa, Sültmann Holger*: *Liquid Biopsies beyond Mutation Calling: Genomic and Epigenomic Features of Cell-Free DNA in Cancer*. **Cancers** 2021, 13:5615. **B063, HD01_(6,639)**
 36. Arabzade Amir, Zhao Yanhua, Varadharajan Srinidhi, Chen Hsiao-Chi, Jessa Selin, Rivas Bryan, Stuckert Austin J, Solis Minerva, Kardian Alisha, Tlais Dana, Golbourn Brian J, Stanton Ann-Catherine J, Chan Yuen San, Olson Calla, Karlin Kristen L, Kong Kathleen, Kupp Robert, Hu Baoli, Injac Sarah G, Ngo Madeline, Wang Peter R, De Leon Luz A, Sahm Felix*, Kawauchi Daisuke*, Pfister Stefan*, Lin Charles Y, Hodges H Courtney, Singh Irtisha, Westbrook Thomas F, Chintagumpala Murali M, Blaney Susan M, Parsons Donald W, Pajtler Kristian W*, Agnihotri Sameer, Gilbertson Richard J, Yi Joanna, Jabado Nada, Kleinman Claudia L, Bertrand Kelsey C, Deneen Benjamin, Mack Stephen C: *ZFTA-RELA Dictates Oncogenic Transcriptional Programs to Drive Aggressive Supratentorial Ependymoma*. **Cancer discovery** 2021, 11:2200-2215. **B062, HD01_(39,397)**
 37. Archambault Alexi N, Lin Yi, Jeon Jihyoun, Harrison Tabitha A, Bishop D Timothy, Brenner Hermann*, Casey Graham, Chan Andrew T, Chang-Claude Jenny*, Figueiredo Jane C, Gallinger Steven, Gruber Stephen B, Gunter Marc J, Hoffmeister Michael*, Jenkins Mark A, Keku Temitope O, Marchand Loïc Le, Li Li, Moreno Victor, Newcomb Polly A, Pai Rish, Parfrey Patrick S, Rennert Gad, Sakoda Lori C, Sandler Robert S, Slattery Martha L, Song Mingyang, Win Aung Ko, Woods Michael O, Murphy Neil, Campbell Peter T, Su Yu-Ru, Zeleniuch-Jacquotte Anne, Liang Peter S, Du Mengmeng, Hsu Li, Peters Ulrike, Hayes Richard B: *Nongenetic Determinants of Risk for Early-Onset Colorectal Cancer*. **JNCI cancer spectrum** 2021, 5:pkab029. **C070, C120, HD01, C020_(nn)**
 38. Arenbergerova M., Lallas A., Nagore E., Rudnicka L., Forsea A., Pasek M., Meier F., Peris K., Olah

- J., Posch C.*: *Position statement of the EADV Melanoma Task Force on recommendations for the management of cutaneous melanoma patients during COVID-19*. **Journal of the European Academy of Dermatology and Venereology** 2021, 35:e427-e428. **MU01_(6,166)**
39. Arend Florian, Oechsner Markus, Weidenbacher Clara B, Combs Stephanie E*, Borm Kai J, Duma Marciana N: *Correlations of UICC tumor stage and tumor regression on T2-weighted MRI sequences during definitive radiotherapy of cervical cancer*. **Tumori journal** 2021, 107:139-144. **MU01_(2,098)**
40. Arends Christopher Maximilian*, Dimitriou Savvina*, Stahler Arndt, Hablesreiter Raphael, Strzelecka Paulina M, Stein Catarina M, Tilgner Marlon, Saiki Ryunosuke, Ogawa Seishi, Bullinger Lars*, Modest Dominik Paul*, Stintzing Sebastian*, Heinemann Volker*, Damm Frederik*: *Clonal hematopoiesis associates with improved survival in metastatic colorectal cancer patients from the FIRE-3 trial*. **Blood** 2022, 139:1593–1597. **BE01_(23,629)**
41. Arlt Birte, Mastrobuoni Guido, Wuenschel Jasmin, Astrahantseff Kathy, Eggert Angelika*, Kempa Stefan, Deubzer Hedwig E*: *Inhibiting PHGDH with NCT-503 reroutes glucose-derived carbons into the TCA cycle, independently of its on-target effect*. **Journal of enzyme inhibition and medicinal chemistry** 2021, 36:1282 - 1289. **BE01_(5,051)**
42. Arlt Birte, Zasada Christin, Baum Katharina, Wuenschel Jasmin, Mastrobuoni Guido, Lodrini Marco, Astrahantseff Kathy, Winkler Annika, Schulte Johannes H*, Finkler Sabine, Forbes Martin, Hundsdoerfer Patrick, Guergen Dennis, Hoffmann Jens, Wolf Jana, Eggert Angelika*, Kempa Stefan, Deubzer Hedwig E*: *Inhibiting phosphoglycerate dehydrogenase counteracts chemotherapeutic efficacy against MYCN-amplified neuroblastoma*. **International journal of cancer** 2021, 148:1219-1232. **BE01_(7,396)**
43. Arnold Christian Cornelius, von der Grün Jens*, Brekner Mark Christoph, Licher Jörg, Fokas Emmanouil*, Rödel Claus*, Fleischmann Maximilian: *Risk stratification by anamnesis increases SARS-CoV-2 test efficiency in cancer patients*. **Strahlentherapie und Onkologie** 2022, 198:354-360. **FM01_(3,621)**
44. Asokan Sahana*, Bandapalli Obul Reddy*: *CXCL8 Signaling in the Tumor Microenvironment*. **Advances in experimental medicine and biology** 2021, 1302:25-39. **B062, HD01_(2,622)**
45. Assmus Birgit, Cremer Sebastian, Kirschbaum Klara, Culmann David, Kiefer Katharina, Dorsheimer Lena, Rasper Tina, Abou-El-Ardat Khalil, Herrmann Eva, Hoffmann Jędrzej, Berkowitsch Alexander, Seeger Florian, Mas-Peiro Silvia, Rieger Michael A*, Dimmeler Stefanie, Zeiher Andreas M: *Clonal haematopoiesis in chronic ischaemic heart failure: prognostic role of clone size for DNMT3A- and TET2-driver gene mutations*. **European heart journal** 2021, 42:257-265. **FM01_(29,983)**
46. Attwood Misty M, Fabbro Dorian, Sokolov Aleksandr V, Knapp Stefan*, Schiöth Helgi B: *Trends in kinase drug discovery: targets, indications and inhibitor design*. **Nature reviews / Drug discovery** 2021, 20:839-861. **FM01_(84,694)**
47. Augsberger Christian, Hänel Gerulf, Xu Wei, Pulko Vesna, Hanisch Lydia Jasmin, Augustin Angelique, Challier John, Hunt Katharina, Vick Binje, Rovatti Pier Edoardo, Krupka Christina, Rothe Maurine, Schönle Anne, Sam Johannes, Lezan Emmanuelle, Ducret Axel, Ortiz-Franyuti Daniela, Walz Antje-Christine, Benz Jörg, Bujotzek Alexander, Lichtenegger Felix S, Gassner

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48. Augustin Teresa, Oliynyk Dmytro, Rauch Josefine, Koehler Viktoria Florentine, Spitzweg Christine*, Belka Claus*, KÄsmann Lukas*: *Radiation to the Primary Tumor in Metastatic Anaplastic Thyroid Cancer*. **In vivo** 2021, 35:461 - 465. **MU01_(2,155)**
49. Awwad Mohamed H S, Mahmoud Abdelrahman, Bruns Heiko, Echchannaoui Hakim*, Kriegsmann Katharina, Lutz Raphael, Raab Marc-Steffen*, Bertsch Uta, Munder Markus, Jauch Anna, Weisel Katja, Maier Bettina, Weinhold Niels, Salwender Hans Jürgen, Eckstein Volker, Hänel Mathias, Fenk Roland, Dürig Jan, Brors Benedikt*, Benner Axel*, Müller-Tidow Carsten, Goldschmidt Hartmut, Hundemer Michael: *Selective elimination of immunosuppressive T cells in patients with multiple myeloma*. **Leukemia** 2021, 35:2602-2615. **FM01, A360, B330, C060_(11,528)**
50. Azorín Daniel D*, Winkler Frank*: *Two routes of direct intercellular communication in brain cancer*. **Biochemical journal** 2021, 478:1283 - 1286. **B320, HD01_(3,857)**
51. Babin Loelia, Andraos Elissa, Fuchs Steffen*, Pyronnet Stéphane, Brunet Erika, Meggetto Fabienne: *From circRNAs to fusion circRNAs in hematological malignancies*. **JCI insight** 2021, 6:e151513. **BE01_(8,315)**
52. Bachmann Michael P*, Bartsch Tabea, Bippes Claudia C, Bachmann Dominik, Puentes-Cala Edinson, Bachmann Jennifer, Bartsch Holger, Arndt Claudia, Koristka Stefanie, Loureiro Liliana R, Kegler Alexandra, Laube Markus, Gross Joanne K, Gross Tim, Kurien Biji T, Scofield R Hal, Farris A Darise, James Judith A, Schmitz Marc*, Feldmann Anja: *T Cell Mediated Conversion of a Non-Anti-La Reactive B Cell to an Autoreactive Anti-La B Cell by Somatic Hypermutation*. **International journal of molecular sciences** 2021, 22:1198. **DD01_(5,923)**
53. Bäcker Claus Maximilian, Bäumer Christian*, Bley Aaron, Fragoso Costa Pedro, Gerhardt Marcel, Herrmann Ken*, Kauer Samantha, Kröninger Kevin, Nitsch Christian, Siregar Hilda Milani, Timmermann Beate*, Verbeek Nico, Weingarten Jens, Wulff Jörg, Yazgan Azad: *Towards using secondary gamma-rays from proton-induced radioactivation of titanium implants for off-line field verification*. **Nuclear instruments & methods in physics research / B** 2021, 492:56 - 63. **ED01_(1,158)**
54. Bäcker Claus Maximilian, Horst Felix, Adi Wihan, Bäumer Christian*, Gerhardt Marcel, Jentzen Walter, Kazek Sandra Laura, Kröninger Kevin, Schuy Christoph, Verbeek Nico, Weingarten Jens, Wulff Jörg, Timmermann Beate*: *Experimental consolidation and absolute measurement of the C-nat(p,x)C-11 nuclear activation cross section at 100MeV for particle therapy physics*. **The European physical journal / A** 2021, 57:248. **ED01_(3,043)**
55. Badarukhiya Jaydeep A, Tupperwar Nitin, Nizamuddin Sheikh*, Mulpur Anil Kumar, Thangaraj Kumarasamy: *Novel FCN2 Variants and Haplotypes are Associated with Rheumatic Heart Disease*. **DNA and cell biology** 2021, 40:1338-1348. **FR01_(3,311)**
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