

Peter Schraml

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2436156/publications.pdf>

Version: 2024-02-01

48
papers

1,826
citations

304743

22
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

3676
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Three-dimensional imaging mass cytometry for highly multiplexed molecular and cellular mapping of tissues and the tumor microenvironment. <i>Nature Cancer</i> , 2022, 3, 122-133. | 13.2 | 92 |
| 2 | The synergism of spatial metabolomics and morphometry improves machine learning-based renal tumour subtype classification. <i>Clinical and Translational Medicine</i> , 2022, 12, e666. | 4.0 | 7 |
| 3 | MALDI Mass Spectrometry Imaging-Prognostic Pathways and Metabolites for Renal Cell Carcinomas. <i>Cancers</i> , 2022, 14, 1763. | 3.7 | 8 |
| 4 | Tracing Clonal Dynamics Reveals that Two- and Three-dimensional Patient-derived Cell Models Capture Tumor Heterogeneity of Clear Cell Renal Cell Carcinoma. <i>European Urology Focus</i> , 2021, 7, 152-162. | 3.1 | 34 |
| 5 | Dual functions of SPOP and ERG dictate androgen therapy responses in prostate cancer. <i>Nature Communications</i> , 2021, 12, 734. | 12.8 | 26 |
| 6 | Cytoplasmic ADP-ribosylation levels correlate with markers of patient outcome in distinct human cancers. <i>Modern Pathology</i> , 2021, 34, 1468-1477. | 5.5 | 7 |
| 7 | Spatial Distribution of Private Gene Mutations in Clear Cell Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 2163. | 3.7 | 10 |
| 8 | Mapping Spatial Genetic Landscapes in Tissue Sections through Microscale Integration of Sampling Methodology into Genomic Workflows. <i>Small</i> , 2021, 17, 2007901. | 10.0 | 3 |
| 9 | Spatial protein heterogeneity analysis in frozen tissues to evaluate tumor heterogeneity. <i>PLoS ONE</i> , 2021, 16, e0259332. | 2.5 | 2 |
| 10 | Dynamic prostate cancer transcriptome analysis delineates the trajectory to disease progression. <i>Nature Communications</i> , 2021, 12, 7033. | 12.8 | 27 |
| 11 | Statistical tests for intra-tumour clonal co-occurrence and exclusivity. <i>PLoS Computational Biology</i> , 2021, 17, e1009036. | 3.2 | 6 |
| 12 | Multi-institutional re-evaluation of prognostic factors in chromophobe renal cell carcinoma: proposal of a novel two-tiered grading scheme. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 409-418. | 2.8 | 42 |
| 13 | Spatially multiplexed RNA in situ hybridization to reveal tumor heterogeneity. <i>Nucleic Acids Research</i> , 2020, 48, e17-e17. | 14.5 | 23 |
| 14 | Liquid Biopsies in Renal Cell Carcinoma-Recent Advances and Promising New Technologies for the Early Detection of Metastatic Disease. <i>Frontiers in Oncology</i> , 2020, 10, 582843. | 2.8 | 16 |
| 15 | Frequent Germline and Somatic Single Nucleotide Variants in the Promoter Region of the Ribosomal RNA Gene in Japanese Lung Adenocarcinoma Patients. <i>Cells</i> , 2020, 9, 2409. | 4.1 | 4 |
| 16 | Loss of CDKN1A mRNA and Protein Expression Are Independent Predictors of Poor Outcome in Chromophobe Renal Cell Carcinoma Patients. <i>Cancers</i> , 2020, 12, 465. | 3.7 | 21 |
| 17 | The DNA hypermethylation phenotype of colorectal cancer liver metastases resembles that of the primary colorectal cancers. <i>BMC Cancer</i> , 2020, 20, 290. | 2.6 | 13 |
| 18 | Classic Chromophobe Renal Cell Carcinoma Incur a Larger Number of Chromosomal Losses than Seen in the Eosinophilic Subtype. <i>Cancers</i> , 2019, 11, 1492. | 3.7 | 28 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Cancer Sample Biobanking at the Next Level: Combining Tissue With Living Cell Repositories to Promote Precision Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 246. | 3.7 | 24 |
| 20 | Expression and Mutation Patterns of PBRM1, BAP1 and SETD2 Mirror Specific Evolutionary Subtypes in Clear Cell Renal Cell Carcinoma. <i>Neoplasia</i> , 2019, 21, 247-256. | 5.3 | 55 |
| 21 | Allele Loss and Reduced Expression of CYCLOPS Genes is a Characteristic Feature of Chromophobe Renal Cell Carcinoma. <i>Translational Oncology</i> , 2019, 12, 1131-1137. | 3.7 | 16 |
| 22 | IL6 and CXCR1 expression is associated with cancer stem cell-like properties of clear cell renal cancer. <i>Journal of Pathology</i> , 2019, 248, 377-389. | 4.5 | 32 |
| 23 | Quantitative microimmunohistochemistry for the grading of immunostains on tumour tissues. <i>Nature Biomedical Engineering</i> , 2019, 3, 478-490. | 22.5 | 22 |
| 24 | Identification and Validation of a Biomarker Signature in Patients With Resectable Pancreatic Cancer via Genome-Wide Screening for Functional Genetic Variants. <i>JAMA Surgery</i> , 2019, 154, e190484. | 4.3 | 26 |
| 25 | Specific immune cell and lymphatic vessel signatures identified by image analysis in renal cancer. <i>Modern Pathology</i> , 2019, 32, 1042-1052. | 5.5 | 16 |
| 26 | Clear cell renal cell carcinoma with wild-type von Hippel-Lindau gene: a non-existent or new tumour entity?. <i>Histopathology</i> , 2019, 74, 60-67. | 2.9 | 27 |
| 27 | Maturation of tertiary lymphoid structures and recurrence of stage II and III colorectal cancer. <i>Oncotarget</i> , 2018, 7, e1378844. | 4.6 | 179 |
| 28 | Scavenger receptor BI promotes cytoplasmic accumulation of lipoproteins in clear-cell renal cell carcinoma. <i>Journal of Lipid Research</i> , 2018, 59, 2188-2201. | 4.2 | 16 |
| 29 | Detailed simulation of cancer exome sequencing data reveals differences and common limitations of variant callers. <i>BMC Bioinformatics</i> , 2017, 18, 8. | 2.6 | 40 |
| 30 | Opposing effects of cancer-type-specific SPOP mutants on BET protein degradation and sensitivity to BET inhibitors. <i>Nature Medicine</i> , 2017, 23, 1046-1054. | 30.7 | 145 |
| 31 | An international reproducibility study validating quantitative determination of ERBB2, ESR1, PGR, and MKI67 mRNA in breast cancer using MammaTyper [®] . <i>Breast Cancer Research</i> , 2017, 19, 55. | 5.0 | 29 |
| 32 | Tissue lithography: Microscale dewaxing to enable retrospective studies on formalin-fixed paraffin-embedded (FFPE) tissue sections. <i>PLoS ONE</i> , 2017, 12, e0176691. | 2.5 | 10 |
| 33 | VHL missense mutations in the p53 binding domain show different effects on p53 signaling and HIF1 α degradation in clear cell renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 10199-10212. | 1.8 | 11 |
| 34 | The maturation stage of tumoral tertiary lymphoid structures to predict recurrence risk in localized colorectal cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, e15083-e15083. | 1.6 | 0 |
| 35 | Characterization of VHL missense mutations in sporadic clear cell renal cell carcinoma: hotspots, affected binding domains, functional impact on pVHL and therapeutic relevance. <i>BMC Cancer</i> , 2016, 16, 638. | 2.6 | 47 |
| 36 | CD44 SNPrs187115: A Novel Biomarker Signature that Predicts Survival in Resectable Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2016, 22, 6069-6077. | 7.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | PD-1 expression is regulated by hypoxia inducible factor in clear cell renal cell carcinoma. <i>International Journal of Cancer</i> , 2016, 139, 396-403. | 5.1 | 151 |
| 38 | Discretization of Gene Expression Data Unmasks Molecular Subgroups Recurring in Different Human Cancer Types. <i>PLoS ONE</i> , 2016, 11, e0161514. | 2.5 | 4 |
| 39 | MIR-99b-5p expression and response to tyrosine kinase inhibitor treatment in clear cell renal cell carcinoma patients. <i>Oncotarget</i> , 2016, 7, 78433-78447. | 1.8 | 45 |
| 40 | Functional characterization of BC039389-GATM and KLK4-KRSP1 chimeric read-through transcripts which are up-regulated in renal cell cancer. <i>BMC Genomics</i> , 2015, 16, 247. | 2.8 | 15 |
| 41 | pVHL/HIF-Regulated CD70 Expression Is Associated with Infiltration of CD27+ Lymphocytes and Increased Serum Levels of Soluble CD27 in Clear Cell Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2015, 21, 889-898. | 7.0 | 55 |
| 42 | Interaction of tumor cells with infiltrating lymphocytes via CD70 and CD27 in clear cell renal cell carcinoma. <i>Oncoimmunology</i> , 2015, 4, e1049805. | 4.6 | 8 |
| 43 | Immunohistochemical detection of CD3 in T-cell lymphomas: superior sensitivity of rabbit monoclonal 2GV6 antibody compared to mouse monoclonal F7A2-38 antibody. <i>Journal of Histotechnology</i> , 2012, 35, 175-179. | 0.5 | 2 |
| 44 | Predictive value of the MGMT promoter methylation status in metastatic melanoma patients receiving first-line temozolomide plus bevacizumab in the trial SAKK 50/07. <i>Oncology Reports</i> , 2012, 28, 654-658. | 2.6 | 29 |
| 45 | Integrative genome-wide expression profiling identifies three distinct molecular subgroups of renal cell carcinoma with different patient outcome. <i>BMC Cancer</i> , 2012, 12, 310. | 2.6 | 25 |
| 46 | Reliable detection of subclonal single-nucleotide variants in tumour cell populations. <i>Nature Communications</i> , 2012, 3, 811. | 12.8 | 227 |
| 47 | Decentral gene expression analysis for ER+/Her2 ⁺ breast cancer: results of a proficiency testing program for the EndoPredict assay. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012, 460, 251-259. | 2.8 | 88 |
| 48 | Sporadic clear cell renal cell carcinoma but not the papillary type is characterized by severely reduced frequency of primary cilia. <i>Modern Pathology</i> , 2009, 22, 31-36. | 5.5 | 104 |