

# Michael Allgöuer

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,795  
citations

331670  
21  
h-index

289244  
40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3260  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Key Role for E-cadherin in Intestinal Homeostasis and Paneth Cell Maturation. PLoS ONE, 2010, 5, e14325.	2.5	171
2	Implementing tumor mutational burden (TMB) analysis in routine diagnostics—a primer for molecular pathologists and clinicians. Translational Lung Cancer Research, 2018, 7, 703-715.	2.8	152
3	Mitochondrial function controls intestinal epithelial stemness and proliferation. Nature Communications, 2016, 7, 13171.	12.8	134
4	Size matters: Dissecting key parameters for panel-based tumor mutational burden analysis. International Journal of Cancer, 2019, 144, 848-858.	5.1	131
5	Comprehensive Genomic and Transcriptomic Analysis for Guiding Therapeutic Decisions in Patients with Rare Cancers. Cancer Discovery, 2021, 11, 2780-2795.	9.4	125
6	Measurement of tumor mutational burden (TMB) in routine molecular diagnostics: <i>in silico</i> and real-life analysis of three larger gene panels. International Journal of Cancer, 2019, 144, 2303-2312.	5.1	95
7	Intraductal tubulopapillary neoplasms of the bile ducts: clinicopathologic, immunohistochemical, and molecular analysis of 20 cases. Modern Pathology, 2015, 28, 1249-1264.	5.5	85
8	Combined targeted DNA and RNA sequencing of advanced NSCLC in routine molecular diagnostics: Analysis of the first 3,000 Heidelberg cases. International Journal of Cancer, 2019, 145, 649-661.	5.1	85
9	Variant classification in precision oncology. International Journal of Cancer, 2019, 145, 2996-3010.	5.1	76
10	Spatial and Temporal Heterogeneity of Panel-Based Tumor Mutational Burden in Pulmonary Adenocarcinoma: Separating Biology From Technical Artifacts. Journal of Thoracic Oncology, 2019, 14, 1935-1947.	1.1	69
11	The E3 ligase RNF43 inhibits Wnt signaling downstream of mutated $\beta^2$ -catenin by sequestering TCF4 to the nuclear membrane. Science Signaling, 2015, 8, ra90.	3.6	67
12	A Case of Severe Hyperaldosteronism Caused by a De Novo Mutation Affecting a Critical Salt Bridge Kir3.4 Residue. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E114-E118.	3.6	53
13	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. Science Translational Medicine, 2019, 11, .	12.4	52
14	Artificial intelligence and pathology: From principles to practice and future applications in histomorphology and molecular profiling. Seminars in Cancer Biology, 2022, 84, 129-143.	9.6	41
15	Antisense targeting of CD47 enhances human cytotoxic T-cell activity and increases survival of mice bearing B16 melanoma when combined with anti-CTLA4 and tumor irradiation. Cancer Immunology, Immunotherapy, 2019, 68, 1805-1817.	4.2	40
16	A gene expression signature associated with B cells predicts benefit from immune checkpoint blockade in lung adenocarcinoma. Oncoimmunology, 2021, 10, 1860586.	4.6	40
17	Detection of TP53 Mutations in Tissue or Liquid Rebiopsies at Progression Identifies ALK+ Lung Cancer Patients with Poor Survival. Cancers, 2019, 11, 124.	3.7	36
18	RNA-Based Detection of Gene Fusions in Formalin-Fixed and Paraffin-Embedded Solid Cancer Samples. Cancers, 2019, 11, 1309.	3.7	32

#	ARTICLE	IF	CITATIONS
19	Loss of endogenous RNF43 function enhances proliferation and tumour growth of intestinal and gastric cells. <i>Carcinogenesis</i> , 2019, 40, 551-559.	2.8	32
20	Quantifying potential confounders of panel-based tumor mutational burden (TMB) measurement. <i>Lung Cancer</i> , 2020, 142, 114-119.	2.0	28
21	Comparative genetic profiling aids diagnosis and clinical decision making in challenging cases of CUP syndrome. <i>International Journal of Cancer</i> , 2019, 145, 2963-2973.	5.1	24
22	Deciphering the immunosuppressive tumor microenvironment in ALK- and EGFR-positive lung adenocarcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 251-265.	4.2	22
23	Loss of RNF43 Function Contributes to Gastric Carcinogenesis by Impairing DNA Damage Response. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1071-1094.	4.5	21
24	Î²-Catenin activation in fundic gland polyps, gastric cancer and colonic polyps in families afflicted by "gastric adenocarcinoma and proximal polyposis of the stomach" (GAPPS). <i>Journal of Clinical Pathology</i> , 2016, 69, 826-833.	2.0	20
25	Assigning evidence to actionability: An introduction to variant interpretation in precision cancer medicine. <i>Genes Chromosomes and Cancer</i> , 2022, 61, 303-313.	2.8	15
26	Next generation sequencing of the cellular and liquid fraction of pancreatic cyst fluid supports discrimination of IPMN from pseudocysts and reveals cases with multiple mutated driver clones: First findings from the prospective ZYSTEUS biomarker study. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 3-11.	2.8	14
27	Integrated clinicomolecular characterization identifies RAS activation and CDKN2A deletion as independent adverse prognostic factors in cancer of unknown primary. <i>International Journal of Cancer</i> , 2020, 146, 3053-3064.	5.1	14
28	Morphomolecular analysis of the immune tumor microenvironment in human head and neck cancer. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1443-1454.	4.2	13
29	KRAS / GNAS "testing by highly sensitive deep targeted next generation sequencing improves the endoscopic ultrasound"guided workup of suspected mucinous neoplasms of the pancreas. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 489-497.	2.8	13
30	Metastatic adult pancreatoblastoma: Multimodal treatment and molecular characterization of a very rare disease. <i>Pancreatology</i> , 2020, 20, 425-432.	1.1	11
31	Expression of the scaffold connector enhancer of kinase suppressor of Ras 1 (CNKSR1) is correlated with clinical outcome in pancreatic cancer. <i>BMC Cancer</i> , 2017, 17, 495.	2.6	10
32	Several genotypes, one phenotype: PIK3CA/AKT1 mutation-negative hidradenoma papilliferum show genetic lesions in other components of the signalling network. <i>Pathology</i> , 2019, 51, 362-368.	0.6	10
33	Immuno"oncology gene expression profiling of formalin"fixed and paraffin"embedded clear cell renal cell carcinoma: Performance comparison of the <scp>NanoString nCounter</scp> technology with targeted <scp>RNA</scp> sequencing. <i>Genes Chromosomes and Cancer</i> , 2020, 59, 406-416.	2.8	10
34	<scp>Homologous recombination deficiency</scp> is inversely correlated with <scp>microsatellite instability</scp> and identifies immunologically cold tumors in most cancer types. <i>Journal of Pathology: Clinical Research</i> , 2022, 8, 371-382.	3.0	10
35	Harvey Cushing Treated the First Known Patient With Carney Complex. <i>Journal of the Endocrine Society</i> , 2017, 1, 1312-1321.	0.2	9
36	Targeting rare and non-canonical driver variants in NSCLC " An uncharted clinical field. <i>Lung Cancer</i> , 2021, 154, 131-141.	2.0	8

#	ARTICLE	IF	CITATIONS
37	Conventional and semi-automatic histopathological analysis of tumor cell content for multigene sequencing of lung adenocarcinoma. Translational Lung Cancer Research, 2021, 10, 1666-1678.	2.8	6
38	Histological and Molecular Plasticity of ALK-positive Non-Small-Cell Lung Cancer under Targeted Therapy - a Case Report. Journal of Physical Education and Sports Management, 2022, , mcs.a006156.	1.2	5
39	Varied autopsy findings in five treated patients with Gaucher disease and parkinsonism include the absence of Gaucher cells. Molecular Genetics and Metabolism, 2016, 118, 55-59.	1.1	4
40	Case report: a rare cause of a hypervascular nodule in a noncirrhotic liver. Zeitschrift Fur Gastroenterologie, 2019, 57, 57-60.	0.5	4
41	De Novo Versus Secondary Metastatic EGFR-Mutated Non-Small-Cell Lung Cancer. Frontiers in Oncology, 2021, 11, 640048.	2.8	4
42	MCL1 as putative target in pancreatoblastoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2022, 481, 265-272.	2.8	3
43	Encountering "Dropped" Gallstones During Robotic-assisted Laparoscopic Radical Prostatectomy. Urology, 2017, 103, e11-e12.	1.0	1