

# Michael Allgauer

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,795  
citations

331259

21  
h-index

288905

40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

3260  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence and pathology: From principles to practice and future applications in histomorphology and molecular profiling. <i>Seminars in Cancer Biology</i> , 2022, 84, 129-143.	4.3	41
2	Deciphering the immunosuppressive tumor microenvironment in ALK- and EGFR-positive lung adenocarcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 251-265.	2.0	22
3	Assigning evidence to actionability: An introduction to variant interpretation in precision cancer medicine. <i>Genes Chromosomes and Cancer</i> , 2022, 61, 303-313.	1.5	15
4	Histological and Molecular Plasticity of ALK-positive Non-Small-Cell Lung Cancer under Targeted Therapy - a Case Report. <i>Journal of Physical Education and Sports Management</i> , 2022, , mcs.a006156.	0.5	5
5	<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.	1.3	10
6	MCL1 as putative target in pancreaticoblastoma. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 481, 265-272.	1.4	3
7	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.	2.3	21
8	A gene expression signature associated with B cells predicts benefit from immune checkpoint blockade in lung adenocarcinoma. <i>Oncot Immunology</i> , 2021, 10, 1860586.	2.1	40
9	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.	1.5	13
10	De Novo Versus Secondary Metastatic EGFR-Mutated Non-Small-Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 640048.	1.3	4
11	Targeting rare and non-canonical driver variants in NSCLC – An uncharted clinical field. <i>Lung Cancer</i> , 2021, 154, 131-141.	0.9	8
12	Conventional and semi-automatic histopathological analysis of tumor cell content for multigene sequencing of lung adenocarcinoma. <i>Translational Lung Cancer Research</i> , 2021, 10, 1666-1678.	1.3	6
13	Comprehensive Genomic and Transcriptomic Analysis for Guiding Therapeutic Decisions in Patients with Rare Cancers. <i>Cancer Discovery</i> , 2021, 11, 2780-2795.	7.7	125
14	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.	1.5	10
15	Metastatic adult pancreaticoblastoma: Multimodal treatment and molecular characterization of a very rare disease. <i>Pancreatology</i> , 2020, 20, 425-432.	0.5	11
16	Quantifying potential confounders of panel-based tumor mutational burden (TMB) measurement. <i>Lung Cancer</i> , 2020, 142, 114-119.	0.9	28
17	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.	2.3	14
18	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. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1805-1817.	2.0	40

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19	Morphomolecular analysis of the immune tumor microenvironment in human head and neck cancer. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 1443-1454.	2.0	13
20	RNA-Based Detection of Gene Fusions in Formalin-Fixed and Paraffin-Embedded Solid Cancer Samples. <i>Cancers</i> , 2019, 11, 1309.	1.7	32
21	Spatial and Temporal Heterogeneity of Panel-Based Tumor Mutational Burden in Pulmonary Adenocarcinoma: Separating Biology From Technical Artifacts. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1935-1947.	0.5	69
22	Detection of TP53 Mutations in Tissue or Liquid Rebiopsies at Progression Identifies ALK+ Lung Cancer Patients with Poor Survival. <i>Cancers</i> , 2019, 11, 124.	1.7	36
23	Lymphocyte-driven regional immunopathology in pneumonitis caused by impaired central immune tolerance. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	52
24	Variant classification in precision oncology. <i>International Journal of Cancer</i> , 2019, 145, 2996-3010.	2.3	76
25	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.	0.3	10
26	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.	2.3	24
27	Measurement of tumor mutational burden (TMB) in routine molecular diagnostics: <i>in silico</i> and real-life analysis of three larger gene panels. <i>International Journal of Cancer</i> , 2019, 144, 2303-2312.	2.3	95
28	Combined targeted DNA and RNA sequencing of advanced NSCLC in routine molecular diagnostics: Analysis of the first 3,000 Heidelberg cases. <i>International Journal of Cancer</i> , 2019, 145, 649-661.	2.3	85
29	Case report: a rare cause of a hypervascular nodule in a noncirrhotic liver. <i>Zeitschrift Fur Gastroenterologie</i> , 2019, 57, 57-60.	0.2	4
30	Loss of endogenous RNF43 function enhances proliferation and tumour growth of intestinal and gastric cells. <i>Carcinogenesis</i> , 2019, 40, 551-559.	1.3	32
31	Size matters: Dissecting key parameters for panel-based tumor mutational burden analysis. <i>International Journal of Cancer</i> , 2019, 144, 848-858.	2.3	131
32	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.	1.5	14
33	Implementing tumor mutational burden (TMB) analysis in routine diagnostics—a primer for molecular pathologists and clinicians. <i>Translational Lung Cancer Research</i> , 2018, 7, 703-715.	1.3	152
34	Encountering “Dropped” Gallstones During Robotic-assisted Laparoscopic Radical Prostatectomy. <i>Urology</i> , 2017, 103, e11-e12.	0.5	1
35	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.	1.1	10
36	Harvey Cushing Treated the First Known Patient With Carney Complex. <i>Journal of the Endocrine Society</i> , 2017, 1, 1312-1321.	0.1	9

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37	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.	1.0	20
38	Mitochondrial function controls intestinal epithelial stemness and proliferation. <i>Nature Communications</i> , 2016, 7, 13171.	5.8	134
39	Varied autopsy findings in five treated patients with Gaucher disease and parkinsonism include the absence of Gaucher cells. <i>Molecular Genetics and Metabolism</i> , 2016, 118, 55-59.	0.5	4
40	A Case of Severe Hyperaldosteronism Caused by a De Novo Mutation Affecting a Critical Salt Bridge Kir3.4 Residue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E114-E118.	1.8	53
41	Intraductal tubulopapillary neoplasms of the bile ducts: clinicopathologic, immunohistochemical, and molecular analysis of 20 cases. <i>Modern Pathology</i> , 2015, 28, 1249-1264.	2.9	85
42	The E3 ligase RNF43 inhibits Wnt signaling downstream of mutated Î²-catenin by sequestering TCF4 to the nuclear membrane. <i>Science Signaling</i> , 2015, 8, ra90.	1.6	67
43	A Key Role for E-cadherin in Intestinal Homeostasis and Paneth Cell Maturation. <i>PLoS ONE</i> , 2010, 5, e14325.	1.1	171