

Matthias S Matter

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

2,711
citations

28
h-index

51
g-index

81
ext. papers

3,554
ext. citations

8.7
avg, IF

5.13
L-index

#	Paper	IF	Citations
70	Long noncoding RNA HOTTIP/HOXA13 expression is associated with disease progression and predicts outcome in hepatocellular carcinoma patients. <i>Hepatology</i> , 2014 , 59, 911-23	11.2	333
69	Targeting the mTOR pathway in hepatocellular carcinoma: current state and future trends. <i>Journal of Hepatology</i> , 2014 , 60, 855-65	13.4	202
68	Organoid Models of Human Liver Cancers Derived from Tumor Needle Biopsies. <i>Cell Reports</i> , 2018 , 24, 1363-1376	10.6	166
67	Pathway analysis of glioblastoma tissue after preoperative treatment with the EGFR tyrosine kinase inhibitor gefitinib--a phase II trial. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1102-12	6.1	137
66	Platelet GPIIb/IIIa a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019 , 25, 641-655	50.5	123
65	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. <i>Nature Communications</i> , 2020 , 11, 5453	17.4	100
64	Kupffer Cell-Derived Tnf Triggers Cholangiocellular Tumorigenesis through JNK due to Chronic Mitochondrial Dysfunction and ROS. <i>Cancer Cell</i> , 2017 , 31, 771-789.e6	24.3	98
63	CD27 signaling increases the frequency of regulatory T cells and promotes tumor growth. <i>Cancer Research</i> , 2012 , 72, 3664-76	10.1	97
62	The protein histidine phosphatase LHPP is a tumour suppressor. <i>Nature</i> , 2018 , 555, 678-682	50.4	96
61	Elimination of chronic viral infection by blocking CD27 signaling. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2145-55	16.6	89
60	Resveratrol prevents tumorigenesis in mouse model of Kras activated sporadic colorectal cancer by suppressing oncogenic Kras expression. <i>Carcinogenesis</i> , 2014 , 35, 2778-86	4.6	82
59	CD27 signaling on chronic myelogenous leukemia stem cells activates Wnt target genes and promotes disease progression. <i>Journal of Clinical Investigation</i> , 2012 , 122, 624-38	15.9	67
58	SARS-CoV-2 infects human pancreatic β cells and elicits β cell impairment. <i>Cell Metabolism</i> , 2021 , 33, 1565-1576.e5	24.6	64
57	Berberine regulates AMP-activated protein kinase signaling pathways and inhibits colon tumorigenesis in mice. <i>Molecular Carcinogenesis</i> , 2015 , 54, 1096-109	5	63
56	Imatinib mesylate selectively impairs expansion of memory cytotoxic T cells without affecting the control of primary viral infections. <i>Blood</i> , 2006 , 108, 3406-13	2.2	62
55	Refined prognostic role of CD68-positive tumor macrophages in the context of the cellular micromilieu of classical Hodgkin lymphoma. <i>Pathobiology</i> , 2010 , 77, 301-8	3.6	61
54	Correlates of critical illness-related encephalopathy predominate postmortem COVID-19 neuropathology. <i>Acta Neuropathologica</i> , 2020 , 140, 583-586	14.3	58

53	The pulmonary pathology of COVID-19. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 , 478, 137-150	5.1	49
52	Lymphotoxin-dependent prion replication in inflammatory stromal cells of granulomas. <i>Immunity</i> , 2008 , 29, 998-1008	32.3	48
51	Diallyl Disulfide (DADS), a Constituent of Garlic, Inactivates NF- κ B and Prevents Colitis-Induced Colorectal Cancer by Inhibiting GSK-3 β . <i>Cancer Prevention Research</i> , 2016 , 9, 607-15	3.2	44
50	The T cell repertoire in tumors overlaps with pulmonary inflammatory lesions in patients treated with checkpoint inhibitors. <i>OncImmunity</i> , 2018 , 7, e1386362	7.2	39
49	Virus-induced polyclonal B cell activation improves protective CTL memory via retained CD27 expression on memory CTL. <i>European Journal of Immunology</i> , 2005 , 35, 3229-39	6.1	38
48	The methyltransferases enhancer of zeste homolog (EZH) 1 and EZH2 control hepatocyte homeostasis and regeneration. <i>FASEB Journal</i> , 2015 , 29, 1653-62	0.9	33
47	High expression of HOXA13 correlates with poorly differentiated hepatocellular carcinomas and modulates sorafenib response in in vitro models. <i>Laboratory Investigation</i> , 2018 , 98, 95-105	5.9	30
46	DNMT1 is a required genomic regulator for murine liver histogenesis and regeneration. <i>Hepatology</i> , 2016 , 64, 582-98	11.2	30
45	Oncogenic driver genes and the inflammatory microenvironment dictate liver tumor phenotype. <i>Hepatology</i> , 2016 , 63, 1888-99	11.2	30
44	Natural antibodies target virus-antibody complexes to organized lymphoid tissue. <i>Autoimmunity Reviews</i> , 2008 , 7, 480-6	13.6	29
43	CD4+ T cell help improves CD8+ T cell memory by retained CD27 expression. <i>European Journal of Immunology</i> , 2008 , 38, 1847-56	6.1	29
42	Resolving the Combinatorial Complexity of Smad Protein Complex Formation and Its Link to Gene Expression. <i>Cell Systems</i> , 2018 , 6, 75-89.e11	10.6	28
41	HMGA1 Expression in Human Hepatocellular Carcinoma Correlates with Poor Prognosis and Promotes Tumor Growth and Migration in in vitro Models. <i>Neoplasia</i> , 2016 , 18, 724-731	6.4	25
40	Protein phosphatase 2A promotes hepatocellular carcinogenesis in the diethylnitrosamine mouse model through inhibition of p53. <i>Carcinogenesis</i> , 2014 , 35, 114-22	4.6	24
39	Defective homing and impaired induction of cytotoxic T cells by BCR/ABL-expressing dendritic cells. <i>Blood</i> , 2009 , 113, 4681-9	2.2	23
38	Influence of airspace geometry and surfactant on the retention of man-made vitreous fibers (MMVF 10a). <i>Environmental Health Perspectives</i> , 2003 , 111, 895-901	8.4	23
37	Is Rosai-Dorfman disease a reactive process? Detection of a MAP2K1 L115V mutation in a case of Rosai-Dorfman disease. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017 , 471, 545-547	5.1	21
36	Genomic Analysis Revealed New Oncogenic Signatures in -Mutant Hepatocellular Carcinoma. <i>Frontiers in Genetics</i> , 2018 , 9, 2	4.5	21

35	CTL induction by cross-priming is restricted to immunodominant epitopes. <i>European Journal of Immunology</i> , 2009 , 39, 704-16	6.1	16
34	Decreased tumor surveillance after adoptive T-cell therapy. <i>Cancer Research</i> , 2007 , 67, 7467-76	10.1	16
33	High mobility group A1 enhances tumorigenicity of human cholangiocarcinoma and confers resistance to therapy. <i>Molecular Carcinogenesis</i> , 2017 , 56, 2146-2157	5	15
32	Hepatocellular Carcinoma Xenografts Established From Needle Biopsies Preserve the Characteristics of the Originating Tumors. <i>Hepatology Communications</i> , 2019 , 3, 971-986	6	15
31	Characterisation of cardiac pathology in 23 autopsies of lethal COVID-19. <i>Journal of Pathology: Clinical Research</i> , 2021 , 7, 326-337	5.3	15
30	Clinicopathological Features and Metastatic Pattern of Hepatocellular Carcinoma: An Autopsy Study of 398 Patients. <i>Pathobiology</i> , 2016 , 83, 301-7	3.6	14
29	Identification of a Pan-Gamma-Secretase Inhibitor Response Signature for Notch-Driven Cholangiocarcinoma. <i>Hepatology</i> , 2020 , 71, 196-213	11.2	14
28	Ocular Pathology and Occasionally Detectable Intraocular Severe Acute Respiratory Syndrome Coronavirus-2 RNA in Five Fatal Coronavirus Disease-19 Cases. <i>Ophthalmic Research</i> , 2021 , 64, 785-792	2.9	13
27	Vascular endothelial growth factor A amplification in colorectal cancer is associated with reduced M1 and M2 macrophages and diminished PD-1-expressing lymphocytes. <i>PLoS ONE</i> , 2017 , 12, e0175563	3.7	12
26	Adverse genomic alterations and stemness features are induced by field cancerization in the microenvironment of hepatocellular carcinomas. <i>Oncotarget</i> , 2017 , 8, 48688-48700	3.3	12
25	Destruction of lymphoid organ architecture and hepatitis caused by CD4+ T cells. <i>PLoS ONE</i> , 2011 , 6, e24772	3.7	10
24	Neutrophil Extracellular Traps in Fatal COVID-19-Associated Lung Injury. <i>Disease Markers</i> , 2021 , 2021, 5566826	3.2	10
23	Diagnostic Targeted Sequencing Panel for Hepatocellular Carcinoma Genomic Screening. <i>Journal of Molecular Diagnostics</i> , 2018 , 20, 836-848	5.1	9
22	Robust assessment of tumor mutational burden in cytological specimens from lung cancer patients. <i>Lung Cancer</i> , 2020 , 149, 84-89	5.9	8
21	Imatinib reduces non-alcoholic fatty liver disease in obese mice by targeting inflammatory and lipogenic pathways in macrophages and liver. <i>Scientific Reports</i> , 2018 , 8, 15331	4.9	8
20	Retrospective Post-mortem SARS-CoV-2 RT-PCR of Autopsies with COVID-19-Suggestive Pathology Supports the Absence of Lethal Community Spread in Basel, Switzerland, before February 2020. <i>Pathobiology</i> , 2021 , 88, 95-105	3.6	7
19	Histomorphological patterns of regional lymph nodes in COVID-19 lungs. <i>Der Pathologe</i> , 2021 , 42, 89-97		7
18	Adenylosuccinate lyase is oncogenic in colorectal cancer by causing mitochondrial dysfunction and independent activation of NRF2 and mTOR-MYC-axis. <i>Theranostics</i> , 2021 , 11, 4011-4029	12.1	7

17	Liver damage and senescence increases in patients developing hepatocellular carcinoma. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017 , 32, 1480-1486	4	6
16	Strawberry gingivitis: Challenges in the diagnosis of granulomatosis with polyangiitis on gingival specimens. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019 , 128, e202-e207	2	5
15	Narrative review of molecular pathways of kinase fusions and diagnostic approaches for their detection in non-small cell lung carcinomas. <i>Translational Lung Cancer Research</i> , 2020 , 9, 2645-2655	4.4	5
14	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. <i>Cell Reports Medicine</i> , 2021 , 2, 100421	18	5
13	Therapeutic Targeting of Golgi Phosphoprotein 2 (GOLPH2) with Armed Antibodies: A Preclinical Study of Anti-GOLPH2 Antibody Drug Conjugates in Lung and Colorectal Cancer Models of Patient Derived Xenografts (PDX). <i>Targeted Oncology</i> , 2019 , 14, 577-590	5	4
12	Molecular Profile of Gastrointestinal Stromal Tumors in Sixty-Eight Patients from a Single Swiss Institution. <i>Pathobiology</i> , 2020 , 87, 171-178	3.6	3
11	IgA autoantibodies target pulmonary surfactant in patients with severe COVID-19		3
10	When you hear hoof beats [consider zebras - A diagnostic challenge. <i>Travel Medicine and Infectious Disease</i> , 2017 , 19, 73-74	8.4	2
9	Vascular Damage, Thromboinflammation, Plasmablast Activation, T-Cell Dysregulation and Pathological Histiocytic Response in Pulmonary Draining Lymph Nodes of COVID-19.. <i>Frontiers in Immunology</i> , 2021 , 12, 763098	8.4	2
8	Immunohistochemical detection of CD3 in T-cell lymphomas: superior sensitivity of rabbit monoclonal 2GV6 antibody compared to mouse monoclonal F7[2]B8 antibody. <i>Journal of Histochemistry</i> , 2012 , 35, 175-179	1.3	1
7	Multi-omics data integration reveals novel drug targets in hepatocellular carcinoma. <i>BMC Genomics</i> , 2021 , 22, 592	4.5	1
6	Integrative proteogenomic characterization of hepatocellular carcinoma across etiologies and stages.. <i>Nature Communications</i> , 2022 , 13, 2436	17.4	1
5	NUT Carcinoma: A Clinical, Morphological and Immunohistochemical Mimicker-The Role of RNA Sequencing in the Diagnostic Procedure. <i>International Journal of Surgical Pathology</i> , 2021 , 10668969211047981	1.2	0
4	Flower lose, a cell fitness marker, predicts COVID-19 prognosis. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13714	1.4	0
3	FOXO1 gene involvement in a non-rhabdomyosarcomatous neoplasm. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021 , 479, 1031-1036	5.1	0
2	Immunohistochemical and Transcriptional Analysis of SARS-CoV-2 Entry Factors and Renin-Angiotensin-Aldosterone System Components in Lethal COVID-19.. <i>Pathobiology</i> , 2021 , 1-12	3.6	0
1	Advances in the molecular characterization of liver tumors 2017 , 133-138.e2		