Matthias S Matter

List of Publications by Year in Descending Order

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	Integrative proteogenomic characterization of hepatocellular carcinoma across etiologies and stages.. *Nature Communications*, **2022**, 13, 2436	17.4	1
69	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. *Pathobiology*, **2021**, 88, 95-105	3.6	7
68	NUT Carcinoma: A Clinical, Morphological and Immunohistochemical Mimicker-The Role of RNA Sequencing in the Diagnostic Procedure. *International Journal of Surgical Pathology*, **2021**, 10668969211047981	1.2	0
67	Flower lose, a cell fitness marker, predicts COVID-19 prognosis. *EMBO Molecular Medicine*, **2021**, 13, e13714	12.1	0
66	Characterisation of cardiac pathology in 23 autopsies of lethal COVID-19. *Journal of Pathology: Clinical Research*, **2021**, 7, 326-337	5.3	15
65	Histomorphological patterns of regional lymph nodes in COVID-19 lungs. *Der Pathologe*, **2021**, 42, 89-97	1	7
64	Adenylosuccinate lyase is oncogenic in colorectal cancer by causing mitochondrial dysfunction and independent activation of NRF2 and mTOR-MYC-axis. *Theranostics*, **2021**, 11, 4011-4029	12.1	7
63	FOXO1 gene involvement in a non-rhabdomyosarcomatous neoplasm. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 479, 1031-1036	5.1	0
62	Ocular Pathology and Occasionally Detectable Intraocular Severe Acute Respiratory Syndrome Coronavirus-2 RNA in Five Fatal Coronavirus Disease-19 Cases. *Ophthalmic Research*, **2021**, 64, 785-792	2.9	13
61	Neutrophil Extracellular Traps in Fatal COVID-19-Associated Lung Injury. *Disease Markers*, **2021**, 2021, 5566826	3.2	10
60	Multi-omics data integration reveals novel drug targets in hepatocellular carcinoma. *BMC Genomics*, **2021**, 22, 592	4.5	1
59	SARS-CoV-2 infects human pancreatic β cells and elicits β cell impairment. *Cell Metabolism*, **2021**, 33, 1565-1576.e5	24.6	64
58	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. *Cell Reports Medicine*, **2021**, 2, 100421	18	5
57	The pulmonary pathology of COVID-19. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 478, 137-150	5.1	49
56	Immunohistochemical and Transcriptional Analysis of SARS-CoV-2 Entry Factors and Renin-Angiotensin-Aldosterone System Components in Lethal COVID-19.. *Pathobiology*, **2021**, 1-12	3.6	0
55	Vascular Damage, Thromboinflammation, Plasmablast Activation, T-Cell Dysregulation and Pathological Histiocytic Response in Pulmonary Draining Lymph Nodes of COVID-19.. *Frontiers in Immunology*, **2021**, 12, 763098	8.4	2
54	Robust assessment of tumor mutational burden in cytological specimens from lung cancer patients. *Lung Cancer*, **2020**, 149, 84-89	5.9	8

53	Molecular Profile of Gastrointestinal Stromal Tumors in Sixty-Eight Patients from a Single Swiss Institution. *Pathobiology*, **2020**, 87, 171-178	3.6	3
52	Narrative review of molecular pathways of kinase fusions and diagnostic approaches for their detection in non-small cell lung carcinomas. *Translational Lung Cancer Research*, **2020**, 9, 2645-2655	4.4	5
51	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. *Nature Communications*, **2020**, 11, 5453	17.4	100
50	Correlates of critical illness-related encephalopathy predominate postmortem COVID-19 neuropathology. *Acta Neuropathologica*, **2020**, 140, 583-586	14.3	58
49	Identification of a Pan-Gamma-Secretase Inhibitor Response Signature for Notch-Driven Cholangiocarcinoma. *Hepatology*, **2020**, 71, 196-213	11.2	14
48	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). *Targeted Oncology*, **2019**, 14, 577-590	5	4
47	Platelet GPIbɑ is a mediator and potential interventional target for NASH and subsequent liver cancer. *Nature Medicine*, **2019**, 25, 641-655	50.5	123
46	Strawberry gingivitis: Challenges in the diagnosis of granulomatosis with polyangiitis on gingival specimens. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2019**, 128, e202-e207	2	5
45	Hepatocellular Carcinoma Xenografts Established From Needle Biopsies Preserve the Characteristics of the Originating Tumors. *Hepatology Communications*, **2019**, 3, 971-986	6	15
44	The protein histidine phosphatase LHPP is a tumour suppressor. *Nature*, **2018**, 555, 678-682	50.4	96
43	High expression of HOXA13 correlates with poorly differentiated hepatocellular carcinomas and modulates sorafenib response in in vitro models. *Laboratory Investigation*, **2018**, 98, 95-105	5.9	30
42	The T cell repertoire in tumors overlaps with pulmonary inflammatory lesions in patients treated with checkpoint inhibitors. *OncoImmunology*, **2018**, 7, e1386362	7.2	39
41	Organoid Models of Human Liver Cancers Derived from Tumor Needle Biopsies. *Cell Reports*, **2018**, 24, 1363-1376	10.6	166
40	Genomic Analysis Revealed New Oncogenic Signatures in -Mutant Hepatocellular Carcinoma. *Frontiers in Genetics*, **2018**, 9, 2	4.5	21
39	Diagnostic Targeted Sequencing Panel for Hepatocellular Carcinoma Genomic Screening. *Journal of Molecular Diagnostics*, **2018**, 20, 836-848	5.1	9
38	Resolving the Combinatorial Complexity of Smad Protein Complex Formation and Its Link to Gene Expression. *Cell Systems*, **2018**, 6, 75-89.e11	10.6	28
37	Imatinib reduces non-alcoholic fatty liver disease in obese mice by targeting inflammatory and lipogenic pathways in macrophages and liver. *Scientific Reports*, **2018**, 8, 15331	4.9	8
36	Liver damage and senescence increases in patients developing hepatocellular carcinoma. *Journal of Gastroenterology and Hepatology (Australia)*, **2017**, 32, 1480-1486	4	6

35	Advances in the molecular characterization of liver tumors **2017**, 133-138.e2		
34	High mobility group A1 enhances tumorigenicity of human cholangiocarcinoma and confers resistance to therapy. *Molecular Carcinogenesis*, **2017**, 56, 2146-2157	5	15
33	Is Rosai-Dorfman disease a reactve process? Detection of a MAP2K1 L115V mutation in a case of Rosai-Dorfman disease. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2017**, 471, 545-547	5.1	21
32	Kupffer Cell-Derived Tnf Triggers Cholangiocellular Tumorigenesis through JNK due to Chronic Mitochondrial Dysfunction and ROS. *Cancer Cell*, **2017**, 31, 771-789.e6	24.3	98
31	When you hear hoof beats ꟷconsider zebras - A diagnostic challenge. *Travel Medicine and Infectious Disease*, **2017**, 19, 73-74	8.4	2
30	Vascular endothelial growth factor A amplification in colorectal cancer is associated with reduced M1 and M2 macrophages and diminished PD-1-expressing lymphocytes. *PLoS ONE*, **2017**, 12, e0175563	3.7	12
29	Adverse genomic alterations and stemness features are induced by field cancerization in the microenvironment of hepatocellular carcinomas. *Oncotarget*, **2017**, 8, 48688-48700	3.3	12
28	HMGA1 Expression in Human Hepatocellular Carcinoma Correlates with Poor Prognosis and Promotes Tumor Growth and Migration in in vitro Models. *Neoplasia*, **2016**, 18, 724-731	6.4	25
27	Clinicopathological Features and Metastatic Pattern of Hepatocellular Carcinoma: An Autopsy Study of 398 Patients. *Pathobiology*, **2016**, 83, 301-7	3.6	14
26	Diallyl Disulfide (DADS), a Constituent of Garlic, Inactivates NF-Ᏸ and Prevents Colitis-Induced Colorectal Cancer by Inhibiting GSK-3Ᏸ*Cancer Prevention Research*, **2016**, 9, 607-15	3.2	44
25	DNMT1 is a required genomic regulator for murine liver histogenesis and regeneration. *Hepatology*, **2016**, 64, 582-98	11.2	30
24	Oncogenic driver genes and the inflammatory microenvironment dictate liver tumor phenotype. *Hepatology*, **2016**, 63, 1888-99	11.2	30
23	Berberine regulates AMP-activated protein kinase signaling pathways and inhibits colon tumorigenesis in mice. *Molecular Carcinogenesis*, **2015**, 54, 1096-109	5	63
22	The methyltransferases enhancer of zeste homolog (EZH) 1 and EZH2 control hepatocyte homeostasis and regeneration. *FASEB Journal*, **2015**, 29, 1653-62	0.9	33
21	Protein phosphatase 2A promotes hepatocellular carcinogenesis in the diethylnitrosamine mouse model through inhibition of p53. *Carcinogenesis*, **2014**, 35, 114-22	4.6	24
20	Resveratrol prevents tumorigenesis in mouse model of Kras activated sporadic colorectal cancer by suppressing oncogenic Kras expression. *Carcinogenesis*, **2014**, 35, 2778-86	4.6	82
19	Targeting the mTOR pathway in hepatocellular carcinoma: current state and future trends. *Journal of Hepatology*, **2014**, 60, 855-65	13.4	202
18	Long noncoding RNA HOTTIP/HOXA13 expression is associated with disease progression and predicts outcome in hepatocellular carcinoma patients. *Hepatology*, **2014**, 59, 911-23	11.2	333

#	Publication	IF	Cit.
17	CD27 signaling increases the frequency of regulatory T cells and promotes tumor growth. *Cancer Research*, **2012**, 72, 3664-76	10.1	97
16	Immunohistochemical detection of CD3 in T-cell lymphomas: superior sensitivity of rabbit monoclonal 2GV6 antibody compared to mouse monoclonal F7ꓱꓛ8 antibody. *Journal of Histotechnology*, **2012**, 35, 175-179	1.3	1
15	CD27 signaling on chronic myelogenous leukemia stem cells activates Wnt target genes and promotes disease progression. *Journal of Clinical Investigation*, **2012**, 122, 624-38	15.9	67
14	Destruction of lymphoid organ architecture and hepatitis caused by CD4+ T cells. *PLoS ONE*, **2011**, 6, e24772	3.7	10
13	Pathway analysis of glioblastoma tissue after preoperative treatment with the EGFR tyrosine kinase inhibitor gefitinib--a phase II trial. *Molecular Cancer Therapeutics*, **2011**, 10, 1102-12	6.1	137
12	Refined prognostic role of CD68-positive tumor macrophages in the context of the cellular micromilieu of classical Hodgkin lymphoma. *Pathobiology*, **2010**, 77, 301-8	3.6	61
11	CTL induction by cross-priming is restricted to immunodominant epitopes. *European Journal of Immunology*, **2009**, 39, 704-16	6.1	16
10	Defective homing and impaired induction of cytotoxic T cells by BCR/ABL-expressing dendritic cells. *Blood*, **2009**, 113, 4681-9	2.2	23
9	Natural antibodies target virus-antibody complexes to organized lymphoid tissue. *Autoimmunity Reviews*, **2008**, 7, 480-6	13.6	29
8	CD4+ T cell help improves CD8+ T cell memory by retained CD27 expression. *European Journal of Immunology*, **2008**, 38, 1847-56	6.1	29
7	Lymphotoxin-dependent prion replication in inflammatory stromal cells of granulomas. *Immunity*, **2008**, 29, 998-1008	32.3	48
6	Decreased tumor surveillance after adoptive T-cell therapy. *Cancer Research*, **2007**, 67, 7467-76	10.1	16
5	Elimination of chronic viral infection by blocking CD27 signaling. *Journal of Experimental Medicine*, **2006**, 203, 2145-55	16.6	89
4	Imatinib mesylate selectively impairs expansion of memory cytotoxic T cells without affecting the control of primary viral infections. *Blood*, **2006**, 108, 3406-13	2.2	62
3	Virus-induced polyclonal B cell activation improves protective CTL memory via retained CD27 expression on memory CTL. *European Journal of Immunology*, **2005**, 35, 3229-39	6.1	38
2	Influence of airspace geometry and surfactant on the retention of man-made vitreous fibers (MMVF 10a). *Environmental Health Perspectives*, **2003**, 111, 895-901	8.4	23
1	IgA autoantibodies target pulmonary surfactant in patients with severe COVID-19		3