Christian M SchÃ¼rch

List of Publications by Year
in descending order

72 papers	4,210 citations	159585 30 h-index	133252 59 g-index
89 all docs	89 docs citations	89 times ranked	6635 citing authors

#	Article	IF	Citations
1	Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. Cell, 2020, 182, 1341-1359.e19.	28.9	464
2	Programmed death 1 signaling on chronic myeloid leukemiaâ€“specific T cells results in T-cell exhaustion and disease progression. Blood, 2009, 114, 1528-1536.	1.4	250
3	CODEX multiplexed tissue imaging with DNA-conjugated antibodies. Nature Protocols, 2021, 16, 3802-3835.	12.0	221
4	Microbiota-Derived Compounds Drive Steady-State Granulopoiesis via MyD88/TICAM Signaling. Journal of Immunology, 2014, 193, 5273-5283.	0.8	202
5	Regulation of hematopoietic and leukemic stem cells by the immune system. Cell Death and Differentiation, 2015, 22, 187-198.	11.2	195
6	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. Nature Communications, 2020, 11, 5453.	12.8	191
7	Cytotoxic CD8+ T Cells Stimulate Hematopoietic Progenitors by Promoting Cytokine Release from Bone Marrow Mesenchymal Stromal Cells. Cell Stem Cell, 2014, 14, 460-472.	11.1	174
8	Functional Intestinal Bile Acid 7Î±-Dehydroxylation by Clostridium scindens Associated with Protection from Clostridium difficile Infection in a Gnotobiotic Mouse Model. Frontiers in Cellular and Infection Microbiology, 2016, 6, 191.	3.9	151
9	CD27 Signaling Increases the Frequency of Regulatory T Cells and Promotes Tumor Growth. Cancer Research, 2012, 72, 3664-3676.	0.9	133
10	CD70/CD27 signaling promotes blast stemness and is a viable therapeutic target in acute myeloid leukemia. Journal of Experimental Medicine, 2017, 214, 359-380.	8.5	125
11	TREM-1 Deficiency Can Attenuate Disease Severity without Affecting Pathogen Clearance. PLoS Pathogens, 2014, 10, e1003900.	4.7	116
12	Prevention of Brain Injury by the Nonbacteriolytic Antibiotic Daptomycin in Experimental Pneumococcal Meningitis. Antimicrobial Agents and Chemotherapy, 2007, 51, 2173-2178.	3.2	108
13	A Multiscale Map of the Stem Cell State in Pancreatic Adenocarcinoma. Cell, 2019, 177, 572-586.e22.	28.9	107
14	Inhibition of prostaglandin-degrading enzyme 15-PGDH rejuvenates aged muscle mass and strength. Science, 2021, 371, .	12.6	107
15	Immune cell topography predicts response to PD-1 blockade in cutaneous T cell lymphoma. Nature Communications, 2021, 12, 6726.	12.8	101
16	Virtual and augmented reality for biomedical applications. Cell Reports Medicine, 2021, 2, 100348.	6.5	99
17	CD27 signaling on chronic myelogenous leukemia stem cells activates Wnt target genes and promotes disease progression. Journal of Clinical Investigation, 2012, 122, 624-638.	8.2	84
18	IL-33 signaling contributes to the pathogenesis of myeloproliferative neoplasms. Journal of Clinical Investigation, 2015, 125, 2579-2591.	8.2	80

#	Article	IF	Citations
19	Bispecific Antibodies for Multiple Myeloma: A Review of Targets, Drugs, Clinical Trials, and Future Directions. Frontiers in Immunology, 2020, 11, 501.	4.8	79
20	Cytotoxic T cells induce proliferation of chronic myeloid leukemia stem cells by secreting interferon-Î³. Journal of Experimental Medicine, 2013, 210, 605-621.	8.5	72
21	Tyrosine kinase inhibitorâ€“induced CD70 expression mediates drug resistance in leukemia stem cells by activating Wnt signaling. Science Translational Medicine, 2015, 7, 298ra119.	12.4	71
22	Targeting CD47 in Anaplastic Thyroid Carcinoma Enhances Tumor Phagocytosis by Macrophages and Is a Promising Therapeutic Strategy. Thyroid, 2019, 29, 979-992.	4.5	71
23	Highly Multiplexed Phenotyping of Immunoregulatory Proteins in the Tumor Microenvironment by CODEX Tissue Imaging. Frontiers in Immunology, 2021, 12, 687673.	4.8	59
24	Highly multiplexed tissue imaging using repeated oligonucleotide exchange reaction. European Journal of Immunology, 2021, 51, 1262-1277.	2.9	53
25	CD47 protein expression in acute myeloid leukemia: A tissue microarray-based analysis. Leukemia Research, 2015, 39, 749-756.	0.8	48
26	CellSeg: a robust, pre-trained nucleus segmentation and pixel quantification software for highly multiplexed fluorescence images. BMC Bioinformatics, 2022, 23, 46.	2.6	44
27	The â€œdon't eat meâ€•signal CD47 is a novel diagnostic biomarker and potential therapeutic target for diffuse malignant mesothelioma. OncoImmunology, 2018, 7, e1373235.	4.6	38
28	Tissue schematics map the specialization of immune tissue motifs and their appropriation by tumors. Cell Systems, 2022, 13, 109-130.e6.	6.2	38
29	Dendritic Cell-Based Immunotherapy for Myeloid Leukemias. Frontiers in Immunology, 2013, 4, 496.	4.8	37
30	Memory CD8+ T Cells Balance Pro- and Anti-inflammatory Activity by Reprogramming Cellular Acetate Handling at Sites of Infection. Cell Metabolism, 2020, 32, 457-467.e5.	16.2	37
31	Expression of SARS-CoV-2 entry receptors in the respiratory tract of healthy individuals, smokers and asthmatics. Respiratory Research, 2020, 21, 252.	3.6	36
32	Tumor Heterogeneity in Lymphomas: A Different Breed. Pathobiology, 2018, 85, 130-145.	3.8	31
33	Therapeutic Antibodies for Myeloid Neoplasmsâ€”Current Developments and Future Directions. Frontiers in Oncology, 2018, 8, 152.	2.8	30
34	A review on tumor heterogeneity and evolution in multiple myeloma: pathological, radiological, molecular genetics, and clinical integration. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2020, 476, 337-351.	2.8	30
35	Landscape of coordinated immune responses to H1N1 challenge in humans. Journal of Clinical Investigation, 2020, 130, 5800-5816.	8.2	28
36	Functional comparison of PBMCs isolated by Cell Preparation Tubes (CPT) vs. Lymphoprep Tubes. BMC Immunology, 2020, 21, 15.	2.2	27

#	Article	IF	Citations
37	Blocking programmed cell death 1 in combination with adoptive cytotoxic T-cell transfer eradicates chronic myelogenous leukemia stem cells. Leukemia, 2015, 29, 1781-1785.	7.2	26
38	Defective homing and impaired induction of cytotoxic T cells by BCR/ABL-expressing dendritic cells. Blood, 2009, 113, 4681-4689.	1.4	24
39	Modulating CD27 signaling to treat cancer. OncoImmunology, 2012, 1, 1604-1606.	4.6	24
40	Immunotherapy of glioblastoma explants induces interferon-Î³ responses and spatial immune cell rearrangements in tumor center, but not periphery. Science Advances, 2022, 8, .	10.3	24
41	Metoclopramide treatment blocks CD93-signaling-mediated self-renewal of chronic myeloid leukemia stem cells. Cell Reports, 2021, 34, 108663.	6.4	21
42	PET Imaging of the Natural Killer Cell Activation Receptor NKp30. Journal of Nuclear Medicine, 2020, 61, 1348-1354.	5.0	19
43	Innate immunity restricts Citrobacter rodentium A/E pathogenesis initiation to an early window of opportunity. PLoS Pathogens, 2017, 13, e1006476.	4.7	17
44	TNIK signaling imprints CD8+ T cell memory formation early after priming. Nature Communications, 2020, 11, 1632.	12.8	16
45	Destruction of Lymphoid Organ Architecture and Hepatitis Caused by CD4+ T Cells. PLoS ONE, 2011, 6, e24772.	2.5	15
46	Uncoupling of invasive bacterial mucosal immunogenicity from pathogenicity. Nature Communications, 2020, 11, 1978.	12.8	14
47	Human influenza virus challenge identifies cellular correlates of protection for oral vaccination. Cell Host and Microbe, 2021, 29, 1828-1837.e5.	11.0	14
48	The Multi-kinase Inhibitor Debio 0617B Reduces Maintenance and Self-renewal of Primary Human AML CD34+ Stem/Progenitor Cells. Molecular Cancer Therapeutics, 2017, 16, 1497-1510.	4.1	11
49	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. Cell Reports Medicine, 2021, 2, 100421.	6.5	11
50	Diversity, localization, and (patho)physiology of mature lymphocyte populations in the bone marrow. Blood, 2021, 137, 3015-3026.	1.4	10
51	From "magic bullets" to specific cancer immunotherapy. Swiss Medical Weekly, 2013, 143, w13734.	1.6	10
52	Nanoscopic subcellular imaging enabled by ion beam tomography. Nature Communications, 2021, 12, 789.	12.8	9
53	Chronic myelogenous leukemia maintains specific CD8⁺ T cells through ILâ€7 signaling. European Journal of Immunology, 2010, 40, 2720-2730.	2.9	8
54	Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. SSRN Electronic Journal, 0, , .	0.4	8

#	Article	IF	Citations
55	Neurodegenerative phagocytes mediate synaptic stripping in Neuro-HIV. Brain, 2022, 145, 2730-2741.	7.6	7
56	Rhesus Macaque CODEX Multiplexed Immunohistochemistry Panel for Studying Immune Responses During Ebola Infection. Frontiers in Immunology, 2021, 12, 729845.	4.8	7
57	Interferons in hematopoiesis and leukemia. OncoImmunology, 2013, 2, e24572.	4.6	6
58	Diagnostic and Prognostic Implications of Caspase-1 and PD-L1 Co-Expression Patterns in Myelodysplastic Syndromes. Cancers, 2021, 13, 5712.	3.7	6
59	CARving up colorectal cancer organoids in vitro. Genes and Immunity, 2020, 21, 1-3.	4.1	4
60	Electrospray Mediated Localized and Targeted Chemotherapy in a Mouse Model of Lung Cancer. Frontiers in Pharmacology, 2021, 12, 643492.	3.5	3
61	Molecular Progression of Myeloproliferative and Myelodysplastic/Myeloproliferative Neoplasms: A Study on Sequential Bone Marrow Biopsies. Cancers, 2021, 13, 5605.	3.7	3
62	Lobular neoplasia and invasive lobular breast cancer: Inter-observer agreement for histological grading and subclassification. Pathology Research and Practice, 2019, 215, 152611.	2.3	2
63	Systematic Investigation of SARS-CoV-2 Receptor Protein Distribution along Viral Entry Routes in Humans. Respiration, 2022, 101, 610-618.	2.6	2
64	â€œLeiomyomatoid angiomatous neuroendocrine tumorâ€•(LANT) of the pituitary reflects idiosyncratic angiogenesis in adenomas of the gonadotroph cell lineage. Pathology Research and Practice, 2013, 209, 155-160.	2.3	1
65	SARS-CoV-2 entry factors are expressed in nasal, ocular, and oral tissues: implications for COVID-19 prophylaxes/therapeutics. Journal of Allergy and Clinical Immunology, 2021, 147, AB2.	2.9	1
66	Supporting the next generation of scientists to lead cancer immunology research. Cancer Immunology Research, 2021, 9, canimm.0519.2021.	3.4	1
67	CD70/CD27 Signaling Mediates Resistance of Chronic Myeloid Leukemia Stem Cells to Tyrosine Kinase Inhibitors By Compensatory Activation of the Wnt Pathway. Blood, 2014, 124, 400-400.	1.4	1
68	Splenic CD24low Red Pulp Macrophages Provide an Alternate Niche for Chronic Myeloid Leukemia Stem Cells. Blood, 2019, 134, 1634-1634.	1.4	1
69	P12.09 Multidimensional Personalized Response Assessment to Microglia Modulators in Gioblastoma Bioreactors. Neuro-Oncology, 2019, 21, iii61-iii61.	1.2	0
70	O3â€...High-dimensional analysis of tumor architecture predicts cancer immunotherapy response. , 2020, , .		0
71	CD93-Signaling Regulates Self-Renewal and Proliferation of Chronic Myeloid Leukemia Stem Cells in Mice and Humans and Might be a Promising Target for Treatment. Blood, 2019, 134, 187-187.	1.4	0
72	Abstract 6669: Cellular neighborhoods predict pembrolizumab response in cutaneous T cell lymphoma. , 2020, , .		0