

Christian M SchÃ¼rch

List of Publications by Year in descending order

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Version: 2024-02-01

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	Tissue schematics map the specialization of immune tissue motifs and their appropriation by tumors. <i>Cell Systems</i> , 2022, 13, 109-130.e6.	6.2	38
2	CellSeg: a robust, pre-trained nucleus segmentation and pixel quantification software for highly multiplexed fluorescence images. <i>BMC Bioinformatics</i> , 2022, 23, 46.	2.6	44
3	Systematic Investigation of SARS-CoV-2 Receptor Protein Distribution along Viral Entry Routes in Humans. <i>Respiration</i> , 2022, 101, 610-618.	2.6	2
4	Neurodegenerative phagocytes mediate synaptic stripping in Neuro-HIV. <i>Brain</i> , 2022, 145, 2730-2741.	7.6	7
5	Immunotherapy of glioblastoma explants induces interferon- γ responses and spatial immune cell rearrangements in tumor center, but not periphery. <i>Science Advances</i> , 2022, 8, .	10.3	24
6	Inhibition of prostaglandin-degrading enzyme 15-PGDH rejuvenates aged muscle mass and strength. <i>Science</i> , 2021, 371, .	12.6	107
7	Metoclopramide treatment blocks CD93-signaling-mediated self-renewal of chronic myeloid leukemia stem cells. <i>Cell Reports</i> , 2021, 34, 108663.	6.4	21
8	SARS-CoV-2 entry factors are expressed in nasal, ocular, and oral tissues: implications for COVID-19 prophylaxes/therapeutics. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, AB2.	2.9	1
9	Nanoscope subcellular imaging enabled by ion beam tomography. <i>Nature Communications</i> , 2021, 12, 789.	12.8	9
10	Highly multiplexed tissue imaging using repeated oligonucleotide exchange reaction. <i>European Journal of Immunology</i> , 2021, 51, 1262-1277.	2.9	53
11	Electrospray Mediated Localized and Targeted Chemotherapy in a Mouse Model of Lung Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 643492.	3.5	3
12	Highly Multiplexed Phenotyping of Immunoregulatory Proteins in the Tumor Microenvironment by CODEX Tissue Imaging. <i>Frontiers in Immunology</i> , 2021, 12, 687673.	4.8	59
13	Diversity, localization, and (patho)physiology of mature lymphocyte populations in the bone marrow. <i>Blood</i> , 2021, 137, 3015-3026.	1.4	10
14	Virtual and augmented reality for biomedical applications. <i>Cell Reports Medicine</i> , 2021, 2, 100348.	6.5	99
15	CODEX multiplexed tissue imaging with DNA-conjugated antibodies. <i>Nature Protocols</i> , 2021, 16, 3802-3835.	12.0	221
16	Determinants of SARS-CoV-2 entry and replication in airway mucosal tissue and susceptibility in smokers. <i>Cell Reports Medicine</i> , 2021, 2, 100421.	6.5	11
17	Supporting the next generation of scientists to lead cancer immunology research. <i>Cancer Immunology Research</i> , 2021, 9, canimm.0519.2021.	3.4	1
18	Diagnostic and Prognostic Implications of Caspase-1 and PD-L1 Co-Expression Patterns in Myelodysplastic Syndromes. <i>Cancers</i> , 2021, 13, 5712.	3.7	6

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19	Human influenza virus challenge identifies cellular correlates of protection for oral vaccination. <i>Cell Host and Microbe</i> , 2021, 29, 1828-1837.e5.	11.0	14
20	Immune cell topography predicts response to PD-1 blockade in cutaneous T cell lymphoma. <i>Nature Communications</i> , 2021, 12, 6726.	12.8	101
21	Molecular Progression of Myeloproliferative and Myelodysplastic/Myeloproliferative Neoplasms: A Study on Sequential Bone Marrow Biopsies. <i>Cancers</i> , 2021, 13, 5605.	3.7	3
22	Rhesus Macaque CODEX Multiplexed Immunohistochemistry Panel for Studying Immune Responses During Ebola Infection. <i>Frontiers in Immunology</i> , 2021, 12, 729845.	4.8	7
23	CARving up colorectal cancer organoids in vitro. <i>Genes and Immunity</i> , 2020, 21, 1-3.	4.1	4
24	A review on tumor heterogeneity and evolution in multiple myeloma: pathological, radiological, molecular genetics, and clinical integration. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2020, 476, 337-351.	2.8	30
25	Memory CD8+ T Cells Balance Pro- and Anti-inflammatory Activity by Reprogramming Cellular Acetate Handling at Sites of Infection. <i>Cell Metabolism</i> , 2020, 32, 457-467.e5.	16.2	37
26	Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. <i>Cell</i> , 2020, 182, 1341-1359.e19.	28.9	464
27	ACE2 localizes to the respiratory cilia and is not increased by ACE inhibitors or ARBs. <i>Nature Communications</i> , 2020, 11, 5453.	12.8	191
28	O3â€œ...High-dimensional analysis of tumor architecture predicts cancer immunotherapy response. , 2020, , .		0
29	PET Imaging of the Natural Killer Cell Activation Receptor Nkp30. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1348-1354.	5.0	19
30	TNIK signaling imprints CD8+ T cell memory formation early after priming. <i>Nature Communications</i> , 2020, 11, 1632.	12.8	16
31	Uncoupling of invasive bacterial mucosal immunogenicity from pathogenicity. <i>Nature Communications</i> , 2020, 11, 1978.	12.8	14
32	Bispecific Antibodies for Multiple Myeloma: A Review of Targets, Drugs, Clinical Trials, and Future Directions. <i>Frontiers in Immunology</i> , 2020, 11, 501.	4.8	79
33	Functional comparison of PBMCs isolated by Cell Preparation Tubes (CPT) vs. Lymphoprep Tubes. <i>BMC Immunology</i> , 2020, 21, 15.	2.2	27
34	Landscape of coordinated immune responses to H1N1 challenge in humans. <i>Journal of Clinical Investigation</i> , 2020, 130, 5800-5816.	8.2	28
35	Expression of SARS-CoV-2 entry receptors in the respiratory tract of healthy individuals, smokers and asthmatics. <i>Respiratory Research</i> , 2020, 21, 252.	3.6	36
36	Abstract 6669: Cellular neighborhoods predict pembrolizumab response in cutaneous T cell lymphoma. , 2020, , .		0

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37	Lobular neoplasia and invasive lobular breast cancer: Inter-observer agreement for histological grading and subclassification. <i>Pathology Research and Practice</i> , 2019, 215, 152611.	2.3	2
38	P12.09 Multidimensional Personalized Response Assessment to Microglia Modulators in Glioblastoma Bioreactors. <i>Neuro-Oncology</i> , 2019, 21, iii61-iii61.	1.2	0
39	Targeting CD47 in Anaplastic Thyroid Carcinoma Enhances Tumor Phagocytosis by Macrophages and Is a Promising Therapeutic Strategy. <i>Thyroid</i> , 2019, 29, 979-992.	4.5	71
40	A Multiscale Map of the Stem Cell State in Pancreatic Adenocarcinoma. <i>Cell</i> , 2019, 177, 572-586.e22.	28.9	107
41	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. <i>Blood</i> , 2019, 134, 187-187.	1.4	0
42	Splenic CD24 ^{low} Red Pulp Macrophages Provide an Alternate Niche for Chronic Myeloid Leukemia Stem Cells. <i>Blood</i> , 2019, 134, 1634-1634.	1.4	1
43	The "don't eat me" signal CD47 is a novel diagnostic biomarker and potential therapeutic target for diffuse malignant mesothelioma. <i>Oncolmmunology</i> , 2018, 7, e1373235.	4.6	38
44	Tumor Heterogeneity in Lymphomas: A Different Breed. <i>Pathobiology</i> , 2018, 85, 130-145.	3.8	31
45	Therapeutic Antibodies for Myeloid Neoplasms—Current Developments and Future Directions. <i>Frontiers in Oncology</i> , 2018, 8, 152.	2.8	30
46	The Multi-kinase Inhibitor Debio 0617B Reduces Maintenance and Self-renewal of Primary Human AML CD34 ⁺ Stem/Progenitor Cells. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1497-1510.	4.1	11
47	CD70/CD27 signaling promotes blast stemness and is a viable therapeutic target in acute myeloid leukemia. <i>Journal of Experimental Medicine</i> , 2017, 214, 359-380.	8.5	125
48	Innate immunity restricts <i>Citrobacter rodentium</i> A/E pathogenesis initiation to an early window of opportunity. <i>PLoS Pathogens</i> , 2017, 13, e1006476.	4.7	17
49	Functional Intestinal Bile Acid β -Dehydroxylation by <i>Clostridium scindens</i> Associated with Protection from <i>Clostridium difficile</i> Infection in a Gnotobiotic Mouse Model. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 191.	3.9	151
50	Tyrosine kinase inhibitor-induced CD70 expression mediates drug resistance in leukemia stem cells by activating Wnt signaling. <i>Science Translational Medicine</i> , 2015, 7, 298ra119.	12.4	71
51	CD47 protein expression in acute myeloid leukemia: A tissue microarray-based analysis. <i>Leukemia Research</i> , 2015, 39, 749-756.	0.8	48
52	Blocking programmed cell death 1 in combination with adoptive cytotoxic T-cell transfer eradicates chronic myelogenous leukemia stem cells. <i>Leukemia</i> , 2015, 29, 1781-1785.	7.2	26
53	Regulation of hematopoietic and leukemic stem cells by the immune system. <i>Cell Death and Differentiation</i> , 2015, 22, 187-198.	11.2	195
54	IL-33 signaling contributes to the pathogenesis of myeloproliferative neoplasms. <i>Journal of Clinical Investigation</i> , 2015, 125, 2579-2591.	8.2	80

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55	TREM-1 Deficiency Can Attenuate Disease Severity without Affecting Pathogen Clearance. PLoS Pathogens, 2014, 10, e1003900.	4.7	116
56	Microbiota-Derived Compounds Drive Steady-State Granulopoiesis via MyD88/TICAM Signaling. Journal of Immunology, 2014, 193, 5273-5283.	0.8	202
57	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
58	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
59	Leiomatoid angiomatous neuroendocrine tumor (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
60	Cytotoxic T cells induce proliferation of chronic myeloid leukemia stem cells by secreting interferon- β . Journal of Experimental Medicine, 2013, 210, 605-621.	8.5	72
61	Dendritic Cell-Based Immunotherapy for Myeloid Leukemias. Frontiers in Immunology, 2013, 4, 496.	4.8	37
62	Interferons in hematopoiesis and leukemia. OncoImmunology, 2013, 2, e24572.	4.6	6
63	From "magic bullets" to specific cancer immunotherapy. Swiss Medical Weekly, 2013, 143, w13734.	1.6	10
64	Modulating CD27 signaling to treat cancer. OncoImmunology, 2012, 1, 1604-1606.	4.6	24
65	CD27 Signaling Increases the Frequency of Regulatory T Cells and Promotes Tumor Growth. Cancer Research, 2012, 72, 3664-3676.	0.9	133
66	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
67	Destruction of Lymphoid Organ Architecture and Hepatitis Caused by CD4+ T Cells. PLoS ONE, 2011, 6, e24772.	2.5	15
68	Chronic myelogenous leukemia maintains specific CD8 ⁺ T cells through IL- γ signaling. European Journal of Immunology, 2010, 40, 2720-2730.	2.9	8
69	Defective homing and impaired induction of cytotoxic T cells by BCR/ABL-expressing dendritic cells. Blood, 2009, 113, 4681-4689.	1.4	24
70	Programmed death 1 signaling on chronic myeloid leukemia-specific T cells results in T-cell exhaustion and disease progression. Blood, 2009, 114, 1528-1536.	1.4	250
71	Prevention of Brain Injury by the Nonbacteriolytic Antibiotic Daptomycin in Experimental Pneumococcal Meningitis. Antimicrobial Agents and Chemotherapy, 2007, 51, 2173-2178.	3.2	108
72	Coordinated Cellular Neighborhoods Orchestrate Antitumoral Immunity at the Colorectal Cancer Invasive Front. SSRN Electronic Journal, 0, , .	0.4	8