

Benjamin Schmid

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

52,452
citations

279487

23
h-index

360668

35
g-index

36
all docs

36
docs citations

36
times ranked

92290
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrophil extracellular traps drive epithelialâ€mesenchymal transition of human colon cancer. <i>Journal of Pathology</i> , 2022, 256, 455-467.	2.1	43
2	Targeting STAT3 Signaling in COL1+ Fibroblasts Controls Colitis-Associated Cancer in Mice. <i>Cancers</i> , 2022, 14, 1472.	1.7	6
3	Matricellular Protein SPARCL1 Regulates Blood Vessel Integrity and Antagonizes Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 1491-1502.	0.9	9
4	Treatment with Cyclic AMP Activators Reduces Glioblastoma Growth and Invasion as Assessed by Two-Photon Microscopy. <i>Cells</i> , 2021, 10, 556.	1.8	3
5	Dynamic Imaging of IEL-IEC Co-Cultures Allows for Quantification of CD103-Dependent T Cell Migration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5148.	1.8	5
6	3Dscript.server: true server-side 3D animation of microscopy images using a natural language-based syntax. <i>Bioinformatics</i> , 2021, 37, 4901-4902.	1.8	1
7	Synthesis and characterization of a new two photon excitable acid sphingomyelinase FRET probe. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 44, 116303.	1.4	5
8	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. <i>Gut</i> , 2020, 69, 1269-1282.	6.1	181
9	Arginase impedes the resolution of colitis by altering the microbiome and metabolome. <i>Journal of Clinical Investigation</i> , 2020, 130, 5703-5720.	3.9	44
10	Aggregated neutrophil extracellular traps resolve inflammation by proteolysis of cytokines and chemokines and protection from antiproteases. <i>FASEB Journal</i> , 2019, 33, 1401-1414.	0.2	90
11	3Dscript: animating 3D/4D microscopy data using a natural-language-based syntax. <i>Nature Methods</i> , 2019, 16, 278-280.	9.0	58
12	Permeability analyses and three dimensional imaging of interferon gamma-induced barrier disintegration in intestinal organoids. <i>Stem Cell Research</i> , 2019, 35, 101383.	0.3	32
13	Multi-scale imaging and analysis identify pan-embryo cell dynamics of germlayer formation in zebrafish. <i>Nature Communications</i> , 2019, 10, 5753.	5.8	40
14	IFN- γ drives inflammatory bowel disease pathogenesis through VE-cadherinâ€directed vascular barrier disruption. <i>Journal of Clinical Investigation</i> , 2019, 129, 4691-4707.	3.9	141
15	Fluorescent Labeling and 2-Photon Imaging of Mouse Tooth Pulp Nociceptors. <i>Journal of Dental Research</i> , 2018, 97, 460-466.	2.5	7
16	A New Fluorogenic Small-Molecule Labeling Tool for Surface Diffusion Analysis and Advanced Fluorescence Imaging of β -Site Amyloid Precursor Protein-Cleaving Enzyme 1 Based on Silicone Rhodamine: SiR-BACE1. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6121-6139.	2.9	29
17	ROSâ€Responsive Nâ€Alkylaminoferrocenes for Cancerâ€Cellâ€Specific Targeting of Mitochondria. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11943-11946.	7.2	74
18	eduSPIM: Light Sheet Microscopy in the Museum. <i>PLoS ONE</i> , 2016, 11, e0161402.	1.1	9

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19	Software Framework for Controlling Unsupervised Scientific Instruments. PLoS ONE, 2016, 11, e0161671.	1.1	1
20	Real-time multi-view deconvolution. Bioinformatics, 2015, 31, 3398-3400.	1.8	35
21	Cryptochrome-Dependent and -Independent Circadian Entrainment Circuits in <i>Drosophila</i> . Journal of Neuroscience, 2015, 35, 6131-6141.	1.7	52
22	Optical tomography complements light sheet microscopy for <i>in toto</i> imaging of zebrafish development. Development (Cambridge), 2015, 142, 1016-1020.	1.2	65
23	Hyperspectral light sheet microscopy. Nature Communications, 2015, 6, 7990.	5.8	92
24	High-resolution reconstruction of the beating zebrafish heart. Nature Methods, 2014, 11, 919-922.	9.0	226
25	High-speed panoramic light-sheet microscopy reveals global endodermal cell dynamics. Nature Communications, 2013, 4, 2207.	5.8	161
26	Rapid 3D light-sheet microscopy with a tunable lens. Optics Express, 2013, 21, 21010.	1.7	348
27	Avoidance of Heat and Attraction to Optogenetically Induced Sugar Sensation as Operant Behavior in Adult <i>Drosophila</i> . Journal of Neurogenetics, 2012, 26, 298-305.	0.6	13
28	The Dual-Oscillator System of <i>Drosophila melanogaster</i> Under Natural-Like Temperature Cycles. Chronobiology International, 2012, 29, 395-407.	0.9	25
29	Fiji: an open-source platform for biological-image analysis. Nature Methods, 2012, 9, 676-682.	9.0	47,818
30	A New ImageJ Plug-in "Actogram" for Chronobiological Analyses. Journal of Biological Rhythms, 2011, 26, 464-467.	1.4	314
31	Cellular site and molecular mode of synapsin action in associative learning. Learning and Memory, 2011, 18, 332-344.	0.5	47
32	A high-level 3D visualization API for Java and ImageJ. BMC Bioinformatics, 2010, 11, 274.	1.2	468
33	An Integrated Micro- and Macroarchitectural Analysis of the <i>Drosophila</i> Brain by Computer-Assisted Serial Section Electron Microscopy. PLoS Biology, 2010, 8, e1000502.	2.6	308
34	BoneJ: Free and extensible bone image analysis in ImageJ. Bone, 2010, 47, 1076-1079.	1.4	1,695
35	PRIME: A graphical interface for integrating genomic/proteomic databases. Proteomics, 2005, 5, 76-80.	1.3	3