Benjamin Schmid

List of Publications by Year
in descending order

35	52,452	279798 23	361022 35
papers	citations	h-index	g-index

36	36	36	92290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutrophil extracellular traps drive epithelial–mesenchymal transition of human colon cancer. Journal of Pathology, 2022, 256, 455-467.	4.5	43
2	Targeting STAT3 Signaling in COL1+ Fibroblasts Controls Colitis-Associated Cancer in Mice. Cancers, 2022, 14, 1472.	3.7	6
3	Matricellular Protein SPARCL1 Regulates Blood Vessel Integrity and Antagonizes Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2021, 27, 1491-1502.	1.9	9
4	Treatment with Cyclic AMP Activators Reduces Glioblastoma Growth and Invasion as Assessed by Two-Photon Microscopy. Cells, 2021, 10, 556.	4.1	3
5	Dynamic Imaging of IEL-IEC Co-Cultures Allows for Quantification of CD103-Dependent T Cell Migration. International Journal of Molecular Sciences, 2021, 22, 5148.	4.1	5
6	3Dscript.server: true server-side 3D animation of microscopy images using a natural language-based syntax. Bioinformatics, 2021, 37, 4901-4902.	4.1	1
7	Synthesis and characterization of a new two photon excitable acid sphingomyelinase FRET probe. Bioorganic and Medicinal Chemistry, 2021, 44, 116303.	3.0	5
8	STAT3 activation through IL-6/IL-11 in cancer-associated fibroblasts promotes colorectal tumour development and correlates with poor prognosis. Gut, 2020, 69, 1269-1282.	12.1	181
9	Arginase impedes the resolution of colitis by altering the microbiome and metabolome. Journal of Clinical Investigation, 2020, 130, 5703-5720.	8.2	44
10	Aggregated neutrophil extracellular traps resolve inflammation by proteolysis of cytokines and chemokines and protection from antiproteases. FASEB Journal, 2019, 33, 1401-1414.	0.5	90
11	3Dscript: animating 3D/4D microscopy data using a natural-language-based syntax. Nature Methods, 2019, 16, 278-280.	19.0	58
12	Permeability analyses and three dimensional imaging of interferon gamma-induced barrier disintegration in intestinal organoids. Stem Cell Research, 2019, 35, 101383.	0.7	32
13	Multi-scale imaging and analysis identify pan-embryo cell dynamics of germlayer formation in zebrafish. Nature Communications, 2019, 10, 5753.	12.8	40
14	IFN-γ drives inflammatory bowel disease pathogenesis through VE-cadherin–directed vascular barrier disruption. Journal of Clinical Investigation, 2019, 129, 4691-4707.	8.2	141
15	Fluorescent Labeling and 2-Photon Imaging of Mouse Tooth Pulp Nociceptors. Journal of Dental Research, 2018, 97, 460-466.	5.2	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. Journal of Medicinal Chemistry, 2018, 61, 6121-6139.	6.4	29
17	ROS-Responsive N-Alkylaminoferrocenes for Cancer-Cell-Specific Targeting of Mitochondria. Angewandte Chemie - International Edition, 2018, 57, 11943-11946.	13.8	74
18	eduSPIM: Light Sheet Microscopy in the Museum. PLoS ONE, 2016, 11, e0161402.	2.5	9

#	Article	IF	Citations
19	Software Framework for Controlling Unsupervised Scientific Instruments. PLoS ONE, 2016, 11, e0161671.	2.5	1
20	Real-time multi-view deconvolution. Bioinformatics, 2015, 31, 3398-3400.	4.1	35
21	Cryptochrome-Dependent and -Independent Circadian Entrainment Circuits in *Drosophila*. Journal of Neuroscience, 2015, 35, 6131-6141.	3.6	52
22	Optical tomography complements light sheet microscopy for *in toto* imaging of zebrafish development. Development (Cambridge), 2015, 142, 1016-1020.	2.5	65
23	Hyperspectral light sheet microscopy. Nature Communications, 2015, 6, 7990.	12.8	92
24	High-resolution reconstruction of the beating zebrafish heart. Nature Methods, 2014, 11, 919-922.	19.0	226
25	High-speed panoramic light-sheet microscopy reveals global endodermal cell dynamics. Nature Communications, 2013, 4, 2207.	12.8	161
26	Rapid 3D light-sheet microscopy with a tunable lens. Optics Express, 2013, 21, 21010.	3.4	348
27	Avoidance of Heat and Attraction to Optogenetically Induced Sugar Sensation as Operant Behavior in AdultDrosophila. Journal of Neurogenetics, 2012, 26, 298-305.	1.4	13
28	The Dual-Oscillator System ofDrosophila melanogasterUnder Natural-Like Temperature Cycles. Chronobiology International, 2012, 29, 395-407.	2.0	25
29	Fiji: an open-source platform for biological-image analysis. Nature Methods, 2012, 9, 676-682.	19.0	47,818
30	A New ImageJ Plug-in â€œActogramJâ€•for Chronobiological Analyses. Journal of Biological Rhythms, 2011, 26, 464-467.	2.6	314
31	Cellular site and molecular mode of synapsin action in associative learning. Learning and Memory, 2011, 18, 332-344.	1.3	47
32	A high-level 3D visualization API for Java and ImageJ. BMC Bioinformatics, 2010, 11, 274.	2.6	468
33	An Integrated Micro- and Macroarchitectural Analysis of the Drosophila Brain by Computer-Assisted Serial Section Electron Microscopy. PLoS Biology, 2010, 8, e1000502.	5.6	308
34	BoneJ: Free and extensible bone image analysis in ImageJ. Bone, 2010, 47, 1076-1079.	2.9	1,695
35	PRIME: A graphical interface for integrating genomic/proteomic databases. Proteomics, 2005, 5, 76-80.	2.2	3