

Fabian F Voigt

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,633
citations

471061

17
h-index

610482

24
g-index

33
all docs

33
docs citations

33
times ranked

2220
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotropic imaging across spatial scales with axially swept light-sheet microscopy. <i>Nature Protocols</i> , 2022, 17, 2025-2053.	5.5	19
2	Multiscale optical and optoacoustic imaging of amyloid- β^2 deposits in mice. <i>Nature Biomedical Engineering</i> , 2022, 6, 1031-1044.	11.6	39
3	Sensory and Behavioral Components of Neocortical Signal Flow in Discrimination Tasks with Short-Term Memory. <i>Neuron</i> , 2021, 109, 135-148.e6.	3.8	45
4	Output-Specific Adaptation of Habenula-Midbrain Excitatory Synapses During Cocaine Withdrawal. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 643138.	1.3	4
5	Tutorial: practical considerations for tissue clearing and imaging. <i>Nature Protocols</i> , 2021, 16, 2732-2748.	5.5	51
6	3D Reconstruction of the Clarified Rat Hindbrain Choroid Plexus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 692617.	1.8	4
7	Deep learning is widely applicable to phenotyping embryonic development and disease. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	16
8	Developmental divergence of sensory stimulus representation in cortical interneurons. <i>Nature Communications</i> , 2020, 11, 5729.	5.8	17
9	Value-guided remapping of sensory cortex by lateral orbitofrontal cortex. <i>Nature</i> , 2020, 585, 245-250.	13.7	109
10	Context-dependent limb movement encoding in neuronal populations of motor cortex. <i>Nature Communications</i> , 2019, 10, 4812.	5.8	31
11	iDISCO+ for the Study of Neuroimmune Architecture of the Rat Auditory Brainstem. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 15.	0.9	21
12	Ossified blood vessels in primary familial brain calcification elicit a neurotoxic astrocyte response. <i>Brain</i> , 2019, 142, 885-902.	3.7	50
13	Tissue Clearing and Light Sheet Microscopy: Imaging the Unsectioned Adult Zebra Finch Brain at Cellular Resolution. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 13.	0.9	20
14	The mesoSPIM initiative: open-source light-sheet microscopes for imaging cleared tissue. <i>Nature Methods</i> , 2019, 16, 1105-1108.	9.0	174
15	A Sensitive Dynamic and Active Pixel Vision Sensor for Color or Neural Imaging Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2018, 12, 123-136.	2.7	59
16	Prion pathogenesis is unaltered in a mouse strain with a permeable blood-brain barrier. <i>PLoS Pathogens</i> , 2018, 14, e1007424.	2.1	9
17	Multiphoton in vivo imaging with a femtosecond semiconductor disk laser. <i>Biomedical Optics Express</i> , 2017, 8, 3213.	1.5	45
18	An R-CaMP1.07 reporter mouse for cell-type-specific expression of a sensitive red fluorescent calcium indicator. <i>PLoS ONE</i> , 2017, 12, e0179460.	1.1	47

#	ARTICLE	IF	CITATIONS
19	Ultrafast semiconductor disk lasers for in vivo multiphoton imaging. , 2017, , .		0
20	Multiphoton microscopy in every lab: the promise of ultrafast semiconductor disk lasers. Proceedings of SPIE, 2017, , .	0.8	0
21	Long-range population dynamics of anatomically defined neocortical networks. ELife, 2016, 5, .	2.8	102
22	A modular two-photon microscope for simultaneous imaging of distant cortical areas in vivo. Proceedings of SPIE, 2015, , .	0.8	8
23	In vivo calcium imaging of information processing in mouse neocortex during behavior. , 2015, , .		0
24	Online correction of licking-induced brain motion during two-photon imaging with a tunable lens. Journal of Physiology, 2013, 591, 4689-4698.	1.3	49
25	Rapid 3D light-sheet microscopy with a tunable lens. Optics Express, 2013, 21, 21010.	1.7	348
26	Fast two-layer two-photon imaging of neuronal cell populations using an electrically tunable lens. Biomedical Optics Express, 2011, 2, 2035.	1.5	296
27	Miniaturized selective plane illumination microscopy for high-contrast in vivo fluorescence imaging. Optics Letters, 2010, 35, 1413.	1.7	46