

Kai Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1369424/publications.pdf>

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10
papers

2,847
citations

1162367

8
h-index

1473754

9
g-index

13
all docs

13
docs citations

13
times ranked

4442
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging volumetric dynamics at high speed in mouse and zebrafish brain with confocal light field microscopy. <i>Nature Biotechnology</i> , 2021, 39, 74-83.	9.4	92
2	Light-field microscopy for fast volumetric brain imaging. <i>Journal of Neuroscience Methods</i> , 2021, 352, 109083.	1.3	11
3	Deep-learning-enhanced light-field microscopy. <i>Nature Methods</i> , 2021, 18, 459-460.	9.0	4
4	Sparse decomposition light-field microscopy for high speed imaging of neuronal activity. <i>Optica</i> , 2020, 7, 1457.	4.8	43
5	Observing the cell in its native state: Imaging subcellular dynamics in multicellular organisms. <i>Science</i> , 2018, 360, .	6.0	420
6	Adaptive optical microscope for brain imaging in vivo. , 2017, , .		1
7	Rapid whole brain imaging of neural activity in freely behaving larval zebrafish (<i>Danio rerio</i>). <i>ELife</i> , 2017, 6, .	2.8	237
8	Direct wavefront sensing for high-resolution in vivo imaging in scattering tissue. <i>Nature Communications</i> , 2015, 6, 7276.	5.8	208
9	Lattice light-sheet microscopy: Imaging molecules to embryos at high spatiotemporal resolution. <i>Science</i> , 2014, 346, 1257998.	6.0	1,567
10	Rapid adaptive optical recovery of optimal resolution over large volumes. <i>Nature Methods</i> , 2014, 11, 625-628.	9.0	253