

# Kai Wang

## List of Publications by Year in descending order

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

Version: 2024-02-01

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