

Winfried Denk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2732186/publications.pdf>

Version: 2024-02-01

12
papers

2,983
citations

840776

11
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

3807
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial Block-Face Scanning Electron Microscopy to Reconstruct Three-Dimensional Tissue Nanostructure. PLoS Biology, 2004, 2, e329.	5.6	1,381
2	High-precision automated reconstruction of neurons with flood-filling networks. Nature Methods, 2018, 15, 605-610.	19.0	266
3	High-accuracy neurite reconstruction for high-throughput neuroanatomy. Nature Neuroscience, 2011, 14, 1081-1088.	14.8	256
4	Structural neurobiology: missing link to a mechanistic understanding of neural computation. Nature Reviews Neuroscience, 2012, 13, 351-358.	10.2	179
5	High-resolution whole-brain staining for electron microscopic circuit reconstruction. Nature Methods, 2015, 12, 541-546.	19.0	159
6	Eye-cup scope optical recordings of light stimulus-evoked fluorescence signals in the retina. Pflügers Archiv European Journal of Physiology, 2009, 457, 1393-1414.	2.8	149
7	Optical measurement of picometer displacements of transparent microscopic objects. Applied Optics, 1990, 29, 2382.	2.1	144
8	Supervised Learning of Image Restoration with Convolutional Networks. , 2007, , .		130
9	Progress and remaining challenges in high-throughput volume electron microscopy. Current Opinion in Neurobiology, 2018, 50, 261-267.	4.2	99
10	EM connectomics reveals axonal target variation in a sequence-generating network. ELife, 2017, 6, .	6.0	73
11	Single-protein detection in crowded molecular environments in cryo-EM images. ELife, 2017, 6, .	6.0	65
12	Two-photon targeted patching (TPTP) in vivo. Nature Protocols, 2006, 1, 647-652.	12.0	60