

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