

Verena Kaynig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4080911/publications.pdf>

Version: 2024-02-01

11
papers

50,479
citations

1039880

9
h-index

1474057

9
g-index

11
all docs

11
docs citations

11
times ranked

89935
citing authors

#	ARTICLE	IF	CITATIONS
1	Trainable Weka Segmentation: a machine learning tool for microscopy pixel classification. <i>Bioinformatics</i> , 2017, 33, 2424-2426.	1.8	1,505
2	Scalable Interactive Visualization for Connectomics. <i>Informatics</i> , 2017, 4, 29.	2.4	21
3	Automatic Neural Reconstruction from Petavoxel of Electron Microscopy Data. <i>Microscopy and Microanalysis</i> , 2016, 22, 536-537.	0.2	15
4	Saturated Reconstruction of a Volume of Neocortex. <i>Cell</i> , 2015, 162, 648-661.	13.5	870
5	Large-scale automatic reconstruction of neuronal processes from electron microscopy images. <i>Medical Image Analysis</i> , 2015, 22, 77-88.	7.0	91
6	Visualization in Connectomics. <i>Mathematics and Visualization</i> , 2014, , 221-245.	0.4	13
7	Fiji: an open-source platform for biological-image analysis. <i>Nature Methods</i> , 2012, 9, 676-682.	9.0	47,818
8	Neuron geometry extraction by perceptual grouping in ssTEM images. , 2010, , .		58
9	Fully automatic stitching and distortion correction of transmission electron microscope images. <i>Journal of Structural Biology</i> , 2010, 171, 163-173.	1.3	59
10	Geometrical Consistent 3D Tracing of Neuronal Processes in ssTEM Data. <i>Lecture Notes in Computer Science</i> , 2010, 13, 209-216.	1.0	19
11	Probabilistic image registration and anomaly detection by nonlinear warping. , 2008, , .		10