Verena Kaynig

List of Publications by Year in Descending Order

11 papers	29,441 citations	9 h-index	11 g-index
11 ext. papers	42,350 ext. citations	11.6 avg, IF	6.29 L-index

#	Paper	IF	Citations
11	Trainable Weka Segmentation: a machine learning tool for microscopy pixel classification. *Bioinformatics*, **2017**, 33, 2424-2426	7.2	808
10	Scalable Interactive Visualization for Connectomics. *Informatics*, **2017**, 4, 29	2.2	13
9	Automatic Neural Reconstruction from Petavoxel of Electron Microscopy Data. *Microscopy and Microanalysis*, **2016**, 22, 536-537	0.5	9
8	Saturated Reconstruction of a Volume of Neocortex. *Cell*, **2015**, 162, 648-61	56.2	607
7	Large-scale automatic reconstruction of neuronal processes from electron microscopy images. *Medical Image Analysis*, **2015**, 22, 77-88	15.4	75
6	Visualization in Connectomics. *Mathematics and Visualization*, **2014**, 221-245	0.6	6
5	Fiji: an open-source platform for biological-image analysis. *Nature Methods*, **2012**, 9, 676-82	21.6	27799
4	Neuron geometry extraction by perceptual grouping in ssTEM images **2010**,		50
3	Fully automatic stitching and distortion correction of transmission electron microscope images. *Journal of Structural Biology*, **2010**, 171, 163-73	3.4	48
2	Geometrical consistent 3D tracing of neuronal processes in ssTEM data. *Lecture Notes in Computer Science*, **2010**, 13, 209-16	0.9	18
1	Probabilistic image registration and anomaly detection by nonlinear warping **2008**,		8