

# Verena Kaynig

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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