

Elizabeth Jurrus

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,830
citations

1163117

8
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

3194
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvements to the <scp>APBS</scp> biomolecular solvation software suite. Protein Science, 2018, 27, 112-128.	7.6	1,399
2	PB&AM: An open&source, fully analytical linear poisson&boltzmann solver. Journal of Computational Chemistry, 2017, 38, 1275-1282.	3.3	9
3	Energy Minimization of Discrete Protein Titration State Models Using Graph Theory. Journal of Physical Chemistry B, 2016, 120, 8354-8360.	2.6	2
4	Semi-Automated Neuron Boundary Detection and Nonbranching Process Segmentation in Electron Microscopy Images. Neuroinformatics, 2013, 11, 5-29.	2.8	24
5	Watershed Merge Tree Classification for Electron Microscopy Image Segmentation. , 2012, 2012, 133-137.		18
6	Detection of Neuron Membranes in Electron Microscopy Images Using Multi-scale Context and Radon-Like Features. Lecture Notes in Computer Science, 2011, 14, 670-677.	1.3	23
7	Detection of neuron membranes in electron microscopy images using a serial neural network architecture. Medical Image Analysis, 2010, 14, 770-783.	11.6	81
8	Using Sequential Context for Image Analysis. , 2010, , .		2
9	A Computational Framework for Ultrastructural Mapping of Neural Circuitry. PLoS Biology, 2009, 7, e1000074.	5.6	122
10	Automatic markup of neural cell membranes using boosted decision stumps. , 2009, , .		12
11	Axon tracking in serial block-face scanning electron microscopy. Medical Image Analysis, 2009, 13, 180-188.	11.6	90
12	An optimal-path approach for neural circuit reconstruction. , 2008, 2008, 1609-1612.		21
13	Component-Based Integration of Chemistry and Optimization Software. ChemInform, 2005, 36, no.	0.0	0
14	Component-based integration of chemistry and optimization software. Journal of Computational Chemistry, 2004, 25, 1717-1725.	3.3	27