# Elizabeth Jurrus

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| 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 | A Computational Framework for Ultrastructural Mapping of Neural Circuitry. PLoS Biology, 2009, 7, e1000074. | 5.6 | 122 |
| 3 | Axon tracking in serial block-face scanning electron microscopy. Medical Image Analysis, 2009, 13, 180-188. | 11.6 | 90 |
| 4 | Detection of neuron membranes in electron microscopy images using a serial neural network architecture. Medical Image Analysis, 2010, 14, 770-783. | 11.6 | 81 |
| 5 | Component-based integration of chemistry and optimization software. Journal of Computational Chemistry, 2004, 25, 1717-1725. | 3.3 | 27 |
| 6 | Semi-Automated Neuron Boundary Detection and Nonbranching Process Segmentation in Electron Microscopy Images. Neuroinformatics, 2013, 11, 5-29. | 2.8 | 24 |
| 7 | 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 |
| 8 | An optimal-path approach for neural circuit reconstruction. , 2008, 2008, 1609-1612. | | 21 |
| 9 | Watershed Merge Tree Classification for Electron Microscopy Image Segmentation. , 2012, 2012, 133-137. | | 18 |
| 10 | Automatic markup of neural cell membranes using boosted decision stumps. , 2009, , . | | 12 |
| 11 | PBâ€AM: An openâ€source, fully analytical linear poissonâ€boltzmann solver. Journal of Computational Chemistry, 2017, 38, 1275-1282. | 3.3 | 9 |
| 12 | Using Sequential Context for Image Analysis. , 2010, , . | | 2 |
| 13 | Energy Minimization of Discrete Protein Titration State Models Using Graph Theory. Journal of Physical Chemistry B, 2016, 120, 8354-8360. | 2.6 | 2 |
| 14 | Component-Based Integration of Chemistry and Optimization Software. ChemInform, 2005, 36, no. | 0.0 | 0 |