

# Lane W Votapka

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

8

papers

418

citations

7

h-index

13

g-index

13

ext. papers

528

ext. citations

4.8

avg, IF

3.79

L-index

| # | Paper  | IF  | Citations |
|---|--|-----|-----------|
| 8 | SEEKR: Simulation Enabled Estimation of Kinetic Rates, A Computational Tool to Estimate Molecular Kinetics and Its Application to Trypsin-Benzamidine Binding. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 3597-3606 | 3.4 | 49        |
| 7 | Two Relations to Estimate Membrane Permeability Using Milestoning. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 8606-16   | 3.4 | 26        |
| 6 | Multiscale Estimation of Binding Kinetics Using Brownian Dynamics, Molecular Dynamics and Milestoning. <i>PLoS Computational Biology</i> , <b>2015</b> , 11, e1004381  | 5   | 45        |
| 5 | Bridging scales through multiscale modeling: a case study on protein kinase A. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 250   | 4.6 | 16        |
| 4 | POVME 2.0: An Enhanced Tool for Determining Pocket Shape and Volume Characteristics. <i>Journal of Chemical Theory and Computation</i> , <b>2014</b> , 10, 5047-5056   | 6.4 | 164       |
| 3 | Weighted Implementation of Suboptimal Paths (WISP): An Optimized Algorithm and Tool for Dynamical Network Analysis. <i>Journal of Chemical Theory and Computation</i> , <b>2014</b> , 10, 511-517                                    | 6.4 | 97        |
| 2 | Multistructural hot spot characterization with FTProd. <i>Bioinformatics</i> , <b>2013</b> , 29, 393-4   | 7.2 | 14        |
| 1 | DelEnsembleElec: Computing Ensemble-Averaged Electrostatics Using DelPhi. <i>Communications in Computational Physics</i> , <b>2013</b> , 13, 256-268   | 2.4 | 5         |