

# Aaron M Virshup

## List of Publications by Year in descending order

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9  
papers

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1040056

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1474206

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docs citations

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times ranked

1215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamics in Complex Environments: <i>Ab Initio</i> Multiple Spawning Quantum Mechanical/Molecular Mechanical Dynamics. <i>Journal of Physical Chemistry B</i> , 2009, 113, 3280-3291.	2.6	259
2	Stochastic Voyages into Uncharted Chemical Space Produce a Representative Library of All Possible Drug-Like Compounds. <i>Journal of the American Chemical Society</i> , 2013, 135, 7296-7303.	13.7	214
3	Implementation of <i>ab initio</i> multiple spawning in the Molpro quantum chemistry package. <i>Chemical Physics</i> , 2008, 347, 3-16.	1.9	190
4	Dexter energy transfer pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8115-8120.	7.1	105
5	Electrostatic control of photoisomerization in the photoactive yellow protein chromophore: <i>Ab initio</i> multiple spawning dynamics. <i>Chemical Physics Letters</i> , 2008, 460, 272-277.	2.6	56
6	Nonlinear dimensionality reduction for nonadiabatic dynamics: The influence of conical intersection topography on population transfer rates. <i>Journal of Chemical Physics</i> , 2012, 137, 22A519.	3.0	53
7	Steric and electrostatic effects on photoisomerization dynamics using QM/MM <i>ab initio</i> multiple spawning. <i>Theoretical Chemistry Accounts</i> , 2014, 133, 1.	1.4	20
8	Synthesis and chemical diversity analysis of bicyclo[3.3.1]non-3-en-2-ones. <i>Tetrahedron</i> , 2010, 66, 5852-5862.	1.9	17
9	Diverse Optimal Molecular Libraries for Organic Light-Emitting Diodes. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1942-1952.	5.3	15