

# Aaron M Virshup

## List of Publications by Year in descending order

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g-index

10  
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docs citations

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times ranked

1215  
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#	ARTICLE	IF	CITATIONS
1	Dexter energy transfer pathways. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8115-8120.	7.1	105
2	Diverse Optimal Molecular Libraries for Organic Light-Emitting Diodes. Journal of Chemical Theory and Computation, 2016, 12, 1942-1952.	5.3	15
3	Steric and electrostatic effects on photoisomerization dynamics using QM/MM ab initio multiple spawning. Theoretical Chemistry Accounts, 2014, 133, 1.	1.4	20
4	Stochastic Voyages into Uncharted Chemical Space Produce a Representative Library of All Possible Drug-Like Compounds. Journal of the American Chemical Society, 2013, 135, 7296-7303.	13.7	214
5	Nonlinear dimensionality reduction for nonadiabatic dynamics: The influence of conical intersection topography on population transfer rates. Journal of Chemical Physics, 2012, 137, 22A519.	3.0	53
6	Synthesis and chemical diversity analysis of bicyclo[3.3.1]non-3-en-2-ones. Tetrahedron, 2010, 66, 5852-5862.	1.9	17
7	Photodynamics in Complex Environments: <i>Ab Initio</i> Multiple Spawning Quantum Mechanical/Molecular Mechanical Dynamics. Journal of Physical Chemistry B, 2009, 113, 3280-3291.	2.6	259
8	Electrostatic control of photoisomerization in the photoactive yellow protein chromophore: Ab initio multiple spawning dynamics. Chemical Physics Letters, 2008, 460, 272-277.	2.6	56
9	Implementation of ab initio multiple spawning in the Molpro quantum chemistry package. Chemical Physics, 2008, 347, 3-16.	1.9	190