

Daniel Keefer

List of Publications by Year in Descending Order

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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.

23
papers

179
citations

8
h-index

12
g-index

34
ext. papers

278
ext. citations

9.3
avg, IF

3.75
L-index

#	Paper	IF	Citations
23	Electronic coherences in nonadiabatic molecular photophysics revealed by time-resolved photoelectron spectroscopy.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2121383119	11.5	2
22	Selective Enhancement of Spectroscopic Features by Quantum Optimal Control. <i>Physical Review Letters</i> , 2021 , 126, 163202	7.4	3
21	Unveiling the spatial distribution of molecular coherences at conical intersections by covariance X-ray diffraction signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
20	Nonadiabatic Molecular Dynamics Study of the Relaxation Pathways of Photoexcited Cyclooctatetraene. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 5716-5722	6.4	1
19	Signatures of electronic and nuclear coherences in ultrafast molecular x-ray and electron diffraction. <i>Structural Dynamics</i> , 2021 , 8, 014101	3.2	3
18	Monitoring molecular vibronic coherences in a bichromophoric molecule by ultrafast X-ray spectroscopy. <i>Chemical Science</i> , 2021 , 12, 5286-5294	9.4	6
17	High Temporal and Spectral Resolution of Stimulated X-Ray Raman Signals with Stochastic Free-Electron-Laser Pulses. <i>Physical Review X</i> , 2021 , 11,	9.1	3
16	Diffraction Imaging of Conical Intersections Amplified by Resonant Infrared Fields. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13806-13815	16.4	2
15	Imaging conical intersection dynamics during azobenzene photoisomerization by ultrafast X-ray diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
14	Conical Intersection Passages of Molecules Probed by X-ray Diffraction and Stimulated Raman Spectroscopy.. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 12300-12309	6.4	1
13	Wave Packet Control and Simulation Protocol for Entangled Two-Photon Absorption of Molecules.. <i>Journal of Chemical Theory and Computation</i> , 2021 ,	6.4	1
12	Regio- and diastereoselective reactions of chiral secondary alkylcopper reagents with propargylic phosphates: preparation of chiral allenes. <i>Chemical Science</i> , 2020 , 11, 5328-5332	9.4	4
11	Exact Quantum Dynamics (Wave Packets) in Reduced Dimensionality 2020 , 355-381		4
10	Multiscale Conformational Sampling Reveals Excited-State Locality in DNA Self-Repair Mechanism. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 9133-9140	2.8	4
9	Visualizing conical intersection passages via vibronic coherence maps generated by stimulated ultrafast X-ray Raman signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24069-24075	11.5	17
8	Stereoselective Csp -Csp Cross-Couplings of Chiral Secondary Alkylzinc Reagents with Alkenyl and Aryl Halides. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 320-324	16.4	9
7	Theoretical Quantum Control of Fluctuating Molecular Energy Levels in Complex Chemical Environments. <i>Advanced Quantum Technologies</i> , 2019 , 2, 1800099	4.3	1

- 6 Pathways to New Applications for Quantum Control. *Accounts of Chemical Research*, **2018**, 51, 2279-2286. 4.3 16
- 5 RNA Environment Is Responsible for Decreased Photostability of Uracil. *Journal of the American Chemical Society*, **2018**, 140, 8714-8720 16.4 15
- 4 Controlling Photorelaxation in Uracil with Shaped Laser Pulses: A Theoretical Assessment. *Journal of the American Chemical Society*, **2017**, 139, 5061-5066 16.4 31
- 3 Simulating the control of molecular reactions via modulated light fields: from gas phase to solution. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2017**, 50, 082001 1.3 7
- 2 Detachment of CVD-grown graphene from single crystalline Ni films by a pure gas phase reaction. *Surface Science*, **2016**, 653, 143-152 1.8 13
- 1 A multi target approach to control chemical reactions in their inhomogeneous solvent environment. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2015**, 48, 234003 1.3 10