Daniel Keefer

List of Publications by Citations

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	Controlling Photorelaxation in Uracil with Shaped Laser Pulses: A Theoretical Assessment. *Journal of the American Chemical Society*, **2017**, 139, 5061-5066	16.4	31
22	Visualizing conical intersection passages via vibronic coherence maps generated by stimulated ultrafast X-ray Raman signals. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24069-24075	11.5	17
21	Pathways to New Applications for Quantum Control. *Accounts of Chemical Research*, **2018**, 51, 2279-2286	24.3	16
20	RNA Environment Is Responsible for Decreased Photostability of Uracil. *Journal of the American Chemical Society*, **2018**, 140, 8714-8720	16.4	15
19	Imaging conical intersection dynamics during azobenzene photoisomerization by ultrafast X-ray diffraction. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	14
18	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
17	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
16	Stereoselective Csp -Csp Cross-Couplings of Chiral Secondary Alkylzinc Reagents with Alkenyl and Aryl Halides. *Angewandte Chemie - International Edition*, **2020**, 59, 320-324	16.4	9
15	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
14	Unveiling the spatial distribution of molecular coherences at conical intersections by covariance X-ray diffraction signals. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	7
13	Monitoring molecular vibronic coherences in a bichromophoric molecule by ultrafast X-ray spectroscopy. *Chemical Science*, **2021**, 12, 5286-5294	9.4	6
12	Regio- and diastereoselective reactions of chiral secondary alkylcopper reagents with propargylic phosphates: preparation of chiral allenes. *Chemical Science*, **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. *Journal of Physical Chemistry A*, **2020**, 124, 9133-9140	2.8	4
9	Selective Enhancement of Spectroscopic Features by Quantum Optimal Control. *Physical Review Letters*, **2021**, 126, 163202	7.4	3
8	Signatures of electronic and nuclear coherences in ultrafast molecular x-ray and electron diffraction. *Structural Dynamics*, **2021**, 8, 014101	3.2	3
7	High Temporal and Spectral Resolution of Stimulated X-Ray Raman Signals with Stochastic Free-Electron-Laser Pulses. *Physical Review X*, **2021**, 11,	9.1	3

List of Publications

6	Diffractive Imaging of Conical Intersections Amplified by Resonant Infrared Fields. *Journal of the American Chemical Society*, **2021**, 143, 13806-13815	16.4	2
5	Electronic coherences in nonadiabatic molecular photophysics revealed by time-resolved photoelectron spectroscopy.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2121383119	11.5	2
4	Theoretical Quantum Control of Fluctuating Molecular Energy Levels in Complex Chemical Environments. *Advanced Quantum Technologies*, **2019**, 2, 1800099	4.3	1
3	Nonadiabatic Molecular Dynamics Study of the Relaxation Pathways of Photoexcited Cyclooctatetraene. *Journal of Physical Chemistry Letters*, **2021**, 12, 5716-5722	6.4	1
2	Conical Intersection Passages of Molecules Probed by X-ray Diffraction and Stimulated Raman Spectroscopy.. *Journal of Physical Chemistry Letters*, **2021**, 12, 12300-12309	6.4	1
1	Wave Packet Control and Simulation Protocol for Entangled Two-Photon Absorption of Molecules.. *Journal of Chemical Theory and Computation*, **2021**,	6.4	1