

Kochise C Bennett

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.

25
papers

717
citations

14
h-index

25
g-index

25
ext. papers

865
ext. citations

7.6
avg, IF

4.52
L-index

#	Paper	IF	Citations
25	Accurate prediction of chemical shifts for aqueous protein structure on "Real World" data. <i>Chemical Science</i> , 2020 , 11, 3180-3191	9.4	11
24	Strong Anisotropy in Liquid Water upon Librational Excitation Using Terahertz Laser Fields. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 4989-5001	3.4	11
23	Multiresolution 3D-DenseNet for Chemical Shift Prediction in NMR Crystallography. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 4558-4565	6.4	17
22	Monitoring molecular nonadiabatic dynamics with femtosecond X-ray diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6538-6547	11.5	37
21	X-Ray Sum Frequency Diffraction for Direct Imaging of Ultrafast Electron Dynamics. <i>Physical Review Letters</i> , 2018 , 120, 243902	7.4	19
20	Monitoring Ultrafast Spin Crossover Intermediates in an Iron(II) Complex by Broad Band Stimulated X-ray Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 6524-6531	2.8	4
19	Simulating Coherent Multidimensional Spectroscopy of Nonadiabatic Molecular Processes: From the Infrared to the X-ray Regime. <i>Chemical Reviews</i> , 2017 , 117, 12165-12226	68.1	77
18	Discriminating cascading processes in nonlinear optics: A QED analysis based on their molecular and geometric origin. <i>Physical Review A</i> , 2017 , 95,	2.6	3
17	Comment on "Self-Referenced Coherent Diffraction X-Ray Movie of Egstrom- and Femtosecond-Scale Atomic Motion". <i>Physical Review Letters</i> , 2017 , 119, 069301	7.4	11
16	Utilizing Microcavities To Suppress Third-Order Cascades in Fifth-Order Raman Spectra. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3387-3391	6.4	6
15	Linear and nonlinear frequency- and time-domain spectroscopy with multiple frequency combs. <i>Journal of Chemical Physics</i> , 2017 , 147, 094304	3.9	9
14	Monitoring Nonadiabatic Electron-Nuclear Dynamics in Molecules by Attosecond Streaking of Photoelectrons. <i>Physical Review Letters</i> , 2016 , 117, 043201	7.4	24
13	Novel photochemistry of molecular polaritons in optical cavities. <i>Faraday Discussions</i> , 2016 , 194, 259-282, 3.6	3.6	62
12	Multidimensional resonant nonlinear spectroscopy with coherent broadband x-ray pulses. <i>Physica Scripta</i> , 2016 , T169, 014002	2.6	25
11	Nonadiabatic Dynamics May Be Probed through Electronic Coherence in Time-Resolved Photoelectron Spectroscopy. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 740-52	6.4	16
10	Non-adiabatic dynamics of molecules in optical cavities. <i>Journal of Chemical Physics</i> , 2016 , 144, 054309	3.9	88
9	Cavity Femtochemistry: Manipulating Nonadiabatic Dynamics at Avoided Crossings. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 2050-4	6.4	116

8	Study of double core hole excitations in molecules by X-ray double-quantum-coherence signals: a multi-configuration simulation. <i>Chemical Science</i> , 2016 , 7, 5922-5933	9.4	13
7	Matter and field spectral densities for multidimensional optical response. <i>Chemical Physics</i> , 2016 , 481, 54-59	2.3	1
6	Probing electronic and vibrational dynamics in molecules by time-resolved photoelectron, Auger-electron, and X-ray photon scattering spectroscopy. <i>Faraday Discussions</i> , 2015 , 177, 405-28	3.6	18
5	Detecting electronic coherence by multidimensional broadband stimulated x-ray Raman signals. <i>Physical Review A</i> , 2015 , 92,	2.6	17
4	Catching Conical Intersections in the Act: Monitoring Transient Electronic Coherences by Attosecond Stimulated X-Ray Raman Signals. <i>Physical Review Letters</i> , 2015 , 115, 193003	7.4	87
3	Cascading and local-field effects in non-linear optics revisited: a quantum-field picture based on exchange of photons. <i>Journal of Chemical Physics</i> , 2014 , 140, 044313	3.9	12
2	Time-, frequency-, and wavevector-resolved x-ray diffraction from single molecules. <i>Journal of Chemical Physics</i> , 2014 , 140, 204311	3.9	25
1	Multidimensional scattering of attosecond x-ray pulses detected by photon-coincidence. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014 , 47, 124037	1.3	8