

Rebecca A Ingle

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

441
citations

840776

11
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	A reproducible method for the extraction, identification and quantification of the Arctic sea ice proxy IP25 from marine sediments. <i>Analytical Methods</i> , 2012, 4, 705.	2.7	97
2	Tracking the ultraviolet-induced photochemistry of thiophenone during and after ultrafast ring opening. <i>Nature Chemistry</i> , 2020, 12, 795-800.	13.6	44
3	Online conferences – Towards a new (virtual) reality. <i>Computational and Theoretical Chemistry</i> , 2020, 1189, 112975.	2.5	42
4	Full observation of ultrafast cascaded radiationless transitions from S ₂ ($\tilde{\nu}_1^{-}$) state of pyrazine using vacuum ultraviolet photoelectron imaging. <i>Journal of Chemical Physics</i> , 2016, 145, 044306.	3.0	37
5	Energy relaxation pathways between light-matter states revealed by coherent two-dimensional spectroscopy. <i>Communications Physics</i> , 2020, 3, .	5.3	37
6	Contrasting ring-opening propensities in UV-excited $\tilde{\nu}_1$ -pyrone and coumarin. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 2629-2638.	2.8	32
7	Exploring the Dynamics of the Photoinduced Ring-Opening of Heterocyclic Molecules. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3440-3451.	4.6	28
8	Spin cascade and doming in ferric hemes: Femtosecond X-ray absorption and X-ray emission studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21914-21920.	7.1	27
9	Ultrafast Intersystem Crossing and Structural Dynamics of [Pt(ppy)($\frac{1}{4}$ -t-Bu ₂ pz)] ₂ . <i>Inorganic Chemistry</i> , 2020, 59, 14643-14653.	4.0	17
10	Photoinduced C-H bond fission in prototypical organic molecules and radicals. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13880-13901.	2.8	14
11	Ultraviolet photochemistry of 2-bromothiophene explored using universal ionization detection and multi-mass velocity-map imaging with a PlmMS2 sensor. <i>Journal of Chemical Physics</i> , 2017, 147, 013914.	3.0	11
12	Toward time-resolved laser T-jump/X-ray probe spectroscopy in aqueous solutions. <i>Structural Dynamics</i> , 2019, 6, 064303.	2.3	11
13	Ultraviolet photochemistry of ethane: implications for the atmospheric chemistry of the gas giants. <i>Chemical Science</i> , 2020, 11, 5089-5097.	7.4	10
14	Broadband visible two-dimensional spectroscopy of molecular dyes. <i>Journal of Chemical Physics</i> , 2021, 155, 034201.	3.0	9
15	Extreme population inversion in the fragments formed by UV photoinduced S-H bond fission in 2-thiophenethiol. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 11401-11410.	2.8	8
16	Electronic Relaxation Dynamics of UV-Photoexcited 2-Aminopurine-Thymine Base Pairs in Watson-Crick and Hoogsteen Conformations. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2904-2914.	2.6	7
17	Carbon K-edge x-ray emission spectroscopy of gas phase ethylenic molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2022, 55, 044001.	1.5	5
18	Efficient intersystem crossing in 2-aminopurine riboside probed by femtosecond time-resolved transient vibrational absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20033-20042.	2.8	3

#	ARTICLE	IF	CITATIONS
19	Resolving the excited state relaxation dynamics of guanosine monomers and hydrogen-bonded homodimers in chloroform solution. <i>Chemical Physics</i> , 2018, 515, 480-492.	1.9	2