

Cate Sara AnstÄter

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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623734

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all docs

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docs citations

30
times ranked

312
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-isomerization of the isolated photoactive yellow protein chromophore: what comes before the primary step?. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1305-1309.	2.8	2
2	A Hückel Model for the Excited-State Dynamics of a Protein Chromophore Developed Using Photoelectron Imaging. <i>Accounts of Chemical Research</i> , 2022, 55, 1205-1213.	15.6	5
3	Photostability of the deprotonated forms of the UV filters homosalate and octyl salicylate: molecular dissociation versus electron detachment following UV excitation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 17068-17076.	2.8	3
4	Photoelectron imaging of the SO ₃ anion: vibrational resolution in photoelectron angular distributions*. <i>Molecular Physics</i> , 2021, 119, e1821921.	1.7	3
5	Autodetachment dynamics of 2-naphthoxide and implications for astrophysical anion abundance. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5817-5823.	2.8	7
6	Modeling the Photoelectron Angular Distributions of Molecular Anions: Roles of the Basis Set, Orbital Choice, and Geometry. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4888-4895.	2.5	10
7	Modeling the Ultrafast Electron Attachment Dynamics of Solvated Uracil. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6995-7003.	2.5	8
8	Nonadiabatic Dynamics between Valence, Nonvalence, and Continuum Electronic States in a Heteropolycyclic Aromatic Hydrocarbon. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11811-11816.	4.6	4
9	Gas-Phase Synthesis and Characterization of the Methyl-2,2-dicyanoacetate Anion Using Photoelectron Imaging and Dipole-Bound State Autodetachment. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6456-6462.	4.6	12
10	Understanding the Interplay between the Nonvalence and Valence States of the Uracil Anion upon Monohydration. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9237-9243.	2.5	5
11	Mode-Specific Vibrational Autodetachment Following Excitation of Electronic Resonances by Electrons and Photons. <i>Physical Review Letters</i> , 2020, 124, 203401.	7.8	41
12	Geometric and electronic structure probed along the isomerisation coordinate of a photoactive yellow protein chromophore. <i>Nature Communications</i> , 2020, 11, 2827.	12.8	11
13	Modelling aromatisation of (BN) _n H _{2n} azabora-annulenes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15919-15925.	2.8	4
14	Fingerprinting the Excited-State Dynamics in Methyl Ester and Methyl Ether Anions of Deprotonated <i>para</i> -Coumaric Acid. <i>Journal of Physical Chemistry A</i> , 2020, 124, 2140-2151.	2.5	11
15	Role of Nonvalence States in the Ultrafast Dynamics of Isolated Anions. <i>Journal of Physical Chemistry A</i> , 2020, 124, 3507-3519.	2.5	22
16	Catacondensed Chemical Hexagonal Complexes: A Natural Generalisation of Benzenoids. <i>Croatica Chemica Acta</i> , 2020, 93, .	0.4	0
17	Photoelectron Spectroscopy of the Hexafluorobenzene Cluster Anions: (C ₆ F ₆) _n ⁻ (n = 1-5) and (C ₆ F ₆) _n ⁻ . <i>Journal of Physical Chemistry A</i> , 2019, 123, 1602-1612.	2.5	25
18	Ultrafast photoisomerisation of an isolated retinoid. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10567-10579.	2.8	12

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19	Spectroscopic Determination of an Anion's C-F Bond Strength. <i>Journal of the American Chemical Society</i> , 2019, 141, 6132-6135.	13.7	37
20	Ultrafast valence to non-valence excited state dynamics in a common anionic chromophore. <i>Nature Communications</i> , 2019, 10, 5820.	12.8	37
21	On the stability of a dipole-bound state in the presence of a molecule. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24286-24290.	2.8	19
22	Evidence of Electron Capture of an Outgoing Photoelectron Wave by a Nonvalence State in (C ₆ F ₆) ⁻ . <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2504-2509.	4.6	19
23	Ultrafast dynamics of low-energy electron attachment via a non-valence correlation-bound state. <i>Nature Chemistry</i> , 2018, 10, 341-346.	13.6	49
24	Electronic structure of the <i>para</i> -dinitrobenzene radical anion: a combined 2D photoelectron imaging and computational study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24019-24026.	2.8	15
25	Sensitivity of Photoelectron Angular Distributions to Molecular Conformations of Anions. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2268-2273.	4.6	18
26	Resonances of the anthracenyl anion probed by frequency-resolved photoelectron imaging of collision-induced dissociated anthracene carboxylic acid. <i>Chemical Science</i> , 2017, 8, 3054-3061.	7.4	40
27	Chromophores of chromophores: a bottom-up Hückel picture of the excited states of photoactive proteins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29772-29779.	2.8	24
28	Ultrafast dynamics of temporary anions probed through the prism of photodetachment. <i>International Reviews in Physical Chemistry</i> , 2016, 35, 509-538.	2.3	51
29	The Vitamin E Radical Probed by Anion Photoelectron Imaging. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7108-7113.	2.6	5
30	The AIBLHiCoS Method: Predicting Aqueous p <i>K_a</i> Values from Gas-Phase Equilibrium Bond Lengths. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 471-483.	5.4	14