

Maria A Trachsel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6584847/publications.pdf>

Version: 2024-02-01

15
papers

299
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	The European Joint Research Project UHPpulse " Metrology for advanced radiotherapy using particle beams with ultra-high pulse dose rates. <i>Physica Medica</i> , 2020, 80, 134-150.	0.7	71
2	Chemical radiation dosimetry in magnetic fields: characterization of a Fricke-type chemical detector in 6 MV photon beams and magnetic fields up to 1.42 T. <i>Physics in Medicine and Biology</i> , 2020, 65, 065005.	3.0	5
3	Locating Cytosine Conical Intersections by Laser Experiments and <i>Ab Initio</i> Calculations. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3203-3210.	4.6	13
4	Excited-state vibrations, lifetimes, and nonradiative dynamics of jet-cooled 1-ethylcytosine. <i>Journal of Chemical Physics</i> , 2019, 151, 124301.	3.0	8
5	Planarizing cytosine: The S1 state structure, vibrations, and nonradiative dynamics of jet-cooled 5,6-trimethylenecytosine. <i>Journal of Chemical Physics</i> , 2017, 146, 244308.	3.0	8
6	The excited-state structure, vibrations, lifetimes, and nonradiative dynamics of jet-cooled 1-methylcytosine. <i>Journal of Chemical Physics</i> , 2016, 145, 134307.	3.0	16
7	Gas-Phase Cytosine and Cytosine-N ₁ -Derivatives Have 0.1 ns Lifetimes Near the S ₁ State Minimum. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 752-757.	4.6	21
8	The elusive S2 state, the S1/S2 splitting, and the excimer states of the benzene dimer. <i>Journal of Chemical Physics</i> , 2015, 142, 234306.	3.0	9
9	Modeling the Histidine-Phenylalanine Interaction: The NH Hydrogen Bond of Imidazole-Benzene. <i>Journal of Physical Chemistry B</i> , 2015, 119, 7778-7790.	2.6	29
10	Low-lying excited states and nonradiative processes of 9-methyl-2-aminopurine. <i>Journal of Chemical Physics</i> , 2014, 140, 044331.	3.0	7
11	Excited-State Structure, Vibrations, and Nonradiative Relaxation of Jet-Cooled 5-Fluorocytosine. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2973-2984.	2.6	11
12	Accurate computations of the structures and binding energies of the imidazole and pyrrole benzene and pyrrole benzene complexes. <i>Chemical Physics</i> , 2014, 441, 17-22.	1.9	22
13	Excited-State Structure and Dynamics of Keto-Amino Cytosine: The S ₁ * State Is Nonplanar and Its Radiationless Decay Is Not Ultrafast. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6106-6115.	2.6	41
14	Out-of-Plane Low-Frequency Vibrations and Nonradiative Decay in the S ₁ * State of Jet-Cooled 5-Methylcytosine. <i>Journal of Physical Chemistry B</i> , 2012, 116, 11081-11091.	2.6	19
15	Vibronic Spectra of Jet-Cooled 2-Aminopurine-H ₂ O Clusters Studied by UV Resonant Two-Photon Ionization Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2011, 115, 6208-6217.	2.5	19