

Bruno N C Tenorio

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.

20
papers

127
citations

7
h-index

10
g-index

26
ext. papers

211
ext. citations

3
avg, IF

2.93
L-index

#	Paper	IF	Citations
20	Multi-reference approach to the computation of double core-hole spectra. <i>Journal of Chemical Physics</i> , 2021 , 155, 131101	3.9	0
19	Evidence of ultrafast dissociation in the CHCl ₃ molecule. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021 , 54, 015202	1.3	1
18	Molecular Photoionization and Photodetachment Cross Sections Based on L ⁽²⁾ Basis Sets: Theory and Selected Examples. <i>Progress in Theoretical Chemistry and Physics</i> , 2021 , 151-179	0.6	1
17	Insights on the site-selective fragmentation of CF ₂ Cl ₂ and CH ₂ Cl ₂ at the chlorine K-edge from ab initio calculations. <i>Chemical Physics</i> , 2021 , 548, 111226	2.3	0
16	Dalton Project: A Python platform for molecular- and electronic-structure simulations of complex systems. <i>Journal of Chemical Physics</i> , 2020 , 152, 214115	3.9	24
15	X-ray Photoionization Cross Section Spectra of Water and Ammonia Bonded on Polycyclic Aromatic Hydrocarbons: A Quantum Mechanical Interpretation to the Absorption Spectra on Graphene. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 2591-2600	2.8	1
14	Atomic and molecular Auger decay in CHCl ₃ molecule. <i>Journal of Physics: Conference Series</i> , 2020 , 1412, 122013	0.3	
13	Soft X-ray Chlorine Photolysis on Chlorobenzene Ice: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 1389-1398	2.8	3
12	Molecular inner-shell photoabsorption/photoionization cross sections at core-valence-separated coupled cluster level: Theory and examples. <i>Journal of Chemical Physics</i> , 2019 , 150, 224104	3.9	22
11	Ab initio study of diffusion of hydrogen, silver and lithium in PbS and Ag ₂ S. <i>Computational Materials Science</i> , 2019 , 166, 75-81	3.2	3
10	Theoretical study of the absolute inner-shell photoionization cross sections of the formic acid and some of its hydrogen-bonded clusters. <i>Journal of Chemical Physics</i> , 2019 , 150, 154308	3.9	4
9	Experimental and theoretical results of resonant and normal Auger decay in dichloromethane. <i>European Physical Journal D</i> , 2019 , 73, 1	1.3	3
8	Inner-valence Auger decay in chloroform after Cl 2p ionization. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 461, 133-136	1.2	2
7	Lanczos-based equation-of-motion coupled-cluster singles-and-doubles approach to the total photoionization cross section of valence excited states. <i>Journal of Chemical Physics</i> , 2019 , 151, 184106	3.9	5
6	Transitions energies, optical oscillator strengths and partial potential energy surfaces of inner-shell states of water clusters. <i>Chemical Physics</i> , 2018 , 508, 26-33	2.3	8
5	Time-dependent density functional theory description of total photoabsorption cross sections. <i>Journal of Chemical Physics</i> , 2018 , 148, 074104	3.9	11
4	Atomic versus molecular Auger decay in CHCl and CDCl molecules. <i>Journal of Chemical Physics</i> , 2018 , 149, 054303	3.9	10

3	Fragmentation of Valence and Carbon Core Excited and Ionized CHF ₃ Molecule. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 9755-9760	2.8	3
2	Coupled Cluster and Time-Dependent Density Functional Theory Description of Inner Shell Photoabsorption Cross Sections of Molecules. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 5324-5338	6.4	10
1	Coupled Cluster Study of Photoionization and Photodetachment Cross Sections. <i>Journal of Chemical Theory and Computation</i> , 2016 , 12, 4440-59	6.4	14