Bruno N C Tenorio

List of Publications by Citations

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	Dalton Project: A Python platform for molecular- and electronic-structure simulations of complex systems. *Journal of Chemical Physics*, **2020**, 152, 214115	3.9	24
19	Molecular inner-shell photoabsorption/photoionization cross sections at core-valence-separated coupled cluster level: Theory and examples. *Journal of Chemical Physics*, **2019**, 150, 224104	3.9	22
18	Coupled Cluster Study of Photoionization and Photodetachment Cross Sections. *Journal of Chemical Theory and Computation*, **2016**, 12, 4440-59	6.4	14
17	Time-dependent density functional theory description of total photoabsorption cross sections. *Journal of Chemical Physics*, **2018**, 148, 074104	3.9	11
16	Atomic versus molecular Auger decay in CHCl and CDCl molecules. *Journal of Chemical Physics*, **2018**, 149, 054303	3.9	10
15	Coupled Cluster and Time-Dependent Density Functional Theory Description of Inner Shell Photoabsorption Cross Sections of Molecules. *Journal of Chemical Theory and Computation*, **2018**, 14, 5324-5338	6.4	10
14	Transitions energies, optical oscillator strengths and partial potential energy surfaces of inner-shell states of water clusters. *Chemical Physics*, **2018**, 508, 26-33	2.3	8
13	Lanczos-based equation-of-motion coupled-cluster singles-and-doubles approach to the total photoionization cross section of valence excited states. *Journal of Chemical Physics*, **2019**, 151, 184106	3.9	5
12	Theoretical study of the absolute inner-shell photoionization cross sections of the formic acid and some of its hydrogen-bonded clusters. *Journal of Chemical Physics*, **2019**, 150, 154308	3.9	4
11	Soft X-ray Chlorine Photolysis on Chlorobenzene Ice: An Experimental and Theoretical Study. *Journal of Physical Chemistry A*, **2019**, 123, 1389-1398	2.8	3
10	Ab initio study of diffusion of hydrogen, silver and lithium in PbS and Ag2S. *Computational Materials Science*, **2019**, 166, 75-81	3.2	3
9	Experimental and theoretical results of resonant and normal Auger decay in dichloromethane. *European Physical Journal D*, **2019**, 73, 1	1.3	3
8	Fragmentation of Valence and Carbon Core Excited and Ionized CHFCF Molecule. *Journal of Physical Chemistry A*, **2018**, 122, 9755-9760	2.8	3
7	Inner-valence Auger decay in chloroform after Cl 2p ionization. *Nuclear Instruments & Methods in Physics Research B*, **2019**, 461, 133-136	1.2	2
6	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. *Journal of Physical Chemistry A*, **2020**, 124, 2591-2600	2.8	1
5	Evidence of ultrafast dissociation in the CHCl3 molecule. *Journal of Physics B: Atomic, Molecular and Optical Physics*, **2021**, 54, 015202	1.3	1
4	Molecular Photoionization and Photodetachment Cross Sections Based on L(^2) Basis Sets: Theory and Selected Examples. *Progress in Theoretical Chemistry and Physics*, **2021**, 151-179	0.6	1

3	Multi-reference approach to the computation of double core-hole spectra. *Journal of Chemical Physics*, **2021**, 155, 131101	3.9	0
2	Insights on the site-selective fragmentation of CF2Cl2 and CH2Cl2 at the chlorine K-edge from ab initio calculations. *Chemical Physics*, **2021**, 548, 111226	2.3	0
1	Atomic and molecular Auger decay in CHCl3 molecule. *Journal of Physics: Conference Series*, **2020**, 1412, 122013	0.3	