Pedro J Castro Pelaez

List of Publications by Year
in descending order

12	156	1683354 5	1372195 10
papers	citations	h-index	g-index

14	14	14	269
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved Mechanistic Model of the Atmospheric Redox Chemistry of Mercury. Environmental Science & Technology, 2021, 55, 14445-14456.	4.6	65
2	Insight into the Mechanisms of Luminescence of Aminobenzonitrile and Dimethylaminobenzonitrile in Polar Solvents. An ab Initio Study. Journal of Physical Chemistry A, 2015, 119, 1983-1995.	1.1	26
3	Intramolecular Charge Transfer in 4-Aminobenzonitrile Does Not Need the Twist and May Not Need the Bend. Journal of Physical Chemistry Letters, 2015, 6, 1316-1320.	2.1	25
4	Computational Study of the Mechanism of the Photochemical and Thermal Ring-Opening/Closure Reactions and Solvent Dependence in Spirooxazines. Journal of Physical Chemistry A, 2012, 116, 8148-8158.	1.1	17
5	Ultrafast internal conversion in 4-aminobenzonitrile occurs sequentially along the seam. Chemical Physics, 2018, 509, 30-36.	0.9	12
6	Computational Study of Hydrogen Bonding in Substituted Phenolâ€Acetonitrileâ€Water Clusters. Journal of the Chinese Chemical Society, 2008, 55, 529-534.	0.8	3
7	Combined Experimental and Computational Kinetics Studies for the Atmospherically Important BrHg Radical Reacting with NO and O₂. Journal of Physical Chemistry A, 2022, 126, 3914-3925.	1.1	3
8	Nonâ€adiabatic dynamic of atmospheric unimolecular photochemical reactions of 4,4â€difluoroâ€crotonaldehyde using TDâ€DFT and TSH approaches. International Journal of Quantum Chemistry, 2021, 121, e26663.	1.0	2
9	Insights into the BPO 4 â€Driven Catalytic Mechanism for the Formation of Cyclic Carbonates from CO 2 and Epoxides. ChemistrySelect, 2021, 6, 7489-7498.	0.7	2
10	Molecular Modeling Study on Morphine Derivatives Using Density Functional Methods and Molecular Descriptors. Journal of the Korean Chemical Society, 2010, 54, 363-373.	0.2	1
11	The mechanism behind the photochromism and photomagnetism of type II biindenylidenediones: multiconfigurational, perturbative and density functional theory studies. Physical Chemistry Chemical Physics, 2021, 23, 17453-17465.	1.3	0
12	Thermodynamics of Synthesis of New Phenoxazine Derivatives. Journal of Basic & Applied Sciences, 0, , .	0.8	0