Wei-Peng Lai

List of Publications by Year
in descending order

10	103	1478505 6	1372567 10
papers	citations	h-index	g-index

10	10	10	95
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design and theoretical study of 15 novel high energy density compounds. Journal of Molecular Modeling, 2014, 20, 2479.	1.8	24
2	Theoretical study on the structure and stability of [1,2,5] oxadiazolo [3,4-e] [1,2,3,4]-tetrazine-4,6-Di-N-dioxide (FTDO). Journal of Molecular Modeling, 2014, 20, 2343.	1.8	20
3	Design and density functional theoretical study of three novel pyrazine-based high-energy density compounds. Computational and Theoretical Chemistry, 2011, 963, 221-226.	2.5	15
4	Theoretical study of the effect of N-oxides on the performances of energetic compounds. Journal of Molecular Modeling, 2016, 22, 83.	1.8	15
5	Reaction Mechanism of 3,4â€Dinitrofuroxan Formation from Glyoxime: Dehydrogenation and Cyclization of Oxime. ChemPhysChem, 2016, 17, 541-547.	2.1	10
6	Theoretical study on new high energetic density compounds with high power and specific impulse. FirePhysChem, 2021, 1, 103-108.	3.4	7
7	An exploration of the mechanisms for the formation of 3,4-bis(4-aminofurazan-3-yl)-furoxan by density functional theory. Computational and Theoretical Chemistry, 2012, 997, 88-93.	2.5	5
8	A DFT study on the structure and property of novel nitroimidazole derivatives as high energy density materials. Computational and Theoretical Chemistry, 2017, 1118, 39-44.	2.5	4
9	Study on the computer-aided design of high energetic compounds based on the 1,2,3,4-tetrazine-1,3-dioxide frame. Journal of Molecular Modeling, 2017, 23, 340.	1.8	2
10	Theoretical study on polynitro imidazo [4, 5-e] oxadiazolo [3, 4-b] pyrazine compounds. Journal of Molecular Modeling, 2019, 25, 25.	1.8	1