GÃ¼l Ã–zpÄ±nar

List of Publications by Year
in descending order

15 papers	270 citations	1163117 8 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	461 citing authors

#	Article	IF	Citations
1	An improved generalized AMBER force field (GAFF) for urea. Journal of Molecular Modeling, 2010, 16, 1427-1440.	1.8	77
2	7-Oxy-3-(3,4,5-trimethoxyphenyl)coumarin substituted phthalonitrile derivatives as fluorescent sensors for detection of Fe3+ ions: Experimental and theoretical study. Sensors and Actuators B: Chemical, 2014, 194, 377-388.	7.8	35
3	Intramolecular excimer formation in hexakis(pyrenyloxy)cyclotriphosphazene: photophysical properties, crystal structure, and theoretical investigation. Dalton Transactions, 2014, 43, 3428-3433.	3.3	34
4	QSPR Study on the Bioconcentration Factors of Nonionic Organic Compounds in Fish by Characteristic Root Index and Semiempirical Molecular Descriptors. Journal of Chemical Information and Computer Sciences, 2004, 44, 985-992.	2.8	27
5	Effects of position (Î± or Î²) and linker heteroatom (O or S) of substituent on the photophysicochemical behavior of poly(oxyethylene) substituted ZnPcs and assessment of J-aggregation or protonation using TD-DFT computations. Dalton Transactions, 2013, 42, 14892.	3.3	23
6	The effect of â€œon/offâ€•molecular switching on the photophysical and photochemical properties of axially calixarene substituted activatable silicon(<scp>iv</scp>)phthalocyanine photosensitizers. Dalton Transactions, 2016, 45, 7634-7641.	3.3	18
7	Investigation on the aromaticity of 1,3,4-thiadiazole-2-thione and its oxygen analogs including their tautomeric forms. Computational and Theoretical Chemistry, 2005, 726, 233-243.	1.5	17
8	Quantum chemical modeling of the inhibition mechanism of monoamine oxidase by oxazolidinone and analogous heterocyclic compounds. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 81-86.	5.2	10
9	A test of improved force field parameters for urea: molecular-dynamics simulations of urea crystals. Journal of Molecular Modeling, 2012, 18, 3455-3466.	1.8	8
10	The Combination of Crossâ€Hyperconjugation and Ïƒâ€Conjugation in 2,5â€Oligosilanyl Substituted Siloles. Chemistry - A European Journal, 2020, 26, 17252-17260.	3.3	8
11	Reductive Elimination at Pb(II) Center of an (Amino)plumbyleneâ€Substituted Phosphaketene: New Pathway for Phosphinidene Synthesis. Chemistry - A European Journal, 2022, 28, .	3.3	4
12	Formation of the Vilsmeier-Haack complex: the performance of different levels of theory. Journal of Molecular Modeling, 2011, 17, 3209-3217.	1.8	3
13	Norbornene based-sulfide-stabilized silylium ions: synthesis, structure and application in catalysis. Dalton Transactions, 2022, 51, 1407-1414.	3.3	3
14	NH bond activation of ammonia and amines by ditetrelenes: key insights into the stereochemistry of nucleophilic addition. Dalton Transactions, 2021, 50, 17734-17750.	3.3	2
15	Synthesis of (3,6-dihydro-2H-pyran-2-yl)phosphonate derivatives and investigation of catalyst effect on frontier molecular orbitals using DFT method. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1262-1267.	1.6	1