Brahim Houari

List of Publications by Year
in descending order

15 papers	249 citations	933447 10 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	226 citing authors

#	Article	IF	Citations
1	Structural, optical and nonlinear optical properties and TD-DFT analysis of heteroleptic bis-cyclometalated iridium(III) complex containing 2-phenylpyridine and picolinate ligands. Theoretical Chemistry Accounts, 2018, 137, 1.	1.4	38
2	Structural and spectroscopic properties of Ir(III) complexes with phenylpyridine ligands: Absorption spectra without and with spinâ€“orbit-coupling. Computational and Theoretical Chemistry, 2014, 1040-1041, 219-229.	2.5	31
3	Effects of C(2) Methylation on Thermal Behavior and Interionic Interactions in Imidazolium-Based Ionic Liquids with Highly Symmetric Anions. Applied Sciences (Switzerland), 2018, 8, 1043.	2.5	24
4	Investigation of intermolecular interactions in inclusion complexes of pyroquilon with cucurbit[n]urils (nÂ=Â7,8) using DFT-D3 correction dispersion. Journal of Molecular Liquids, 2020, 309, 113233.	4.9	23
5	Spinâ€“orbit absorption spectroscopy of transition metal hydrides: A TDâ€ĐFT and MSâ€CASPT2 study of HM(CO)₅ (M = Mn, Re). International Journal of Quantum Chemistry, 2012, 112, 2085-2097.	2.0	22
6	Interactions in inclusion complex of Î²-cyclodextrin/l-Metheonine: DFT computational studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2020, 96, 43-54.	1.6	19
7	Theoretical study of geometric, optical, nonlinear optical, UVâ€“Vis spectra and phosphorescence properties of iridium(III) complexes based on 5-nitro-2-(2â€²,4â€²-difluorophenyl)pyridyl. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	19
8	DFT/TDDFT computational study of the structural, electronic and optical properties of rhodium (III) and iridium (III) complexes based on tris-picolinate bidentate ligands. Journal of Molecular Modeling, 2017, 23, 344.	1.8	14
9	DFT/TD-DFT investigation on the UVâ€“vis absorption and phosphorescence spectra of platinum(II) and palladium(II) complexes with Schiff-base ligands. Journal of Luminescence, 2019, 210, 96-103.	3.1	13
10	Quantitative conformational stability host-guest complex of Carvacrol and Thymol with Î²-cyclodextrin: a theoretical investigation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2017, 89, 143-155.	1.6	10
11	Structure, electronic properties, and NBO and TD-DFT analyses of nickel(II), zinc(II), and palladium(II) complexes based on Schiff-base ligands. Journal of Molecular Modeling, 2018, 24, 301.	1.8	10
12	Theoretical study of geometric structures and electronic absorption spectra of Iridium(III) complexes based on 2-phenyl-5-nitropyridyl with different ancillary ligands. Computational and Theoretical Chemistry, 2017, 1101, 8-19.	2.5	9
13	A quantum chemical study of encapsulation and stabilization of gallic acid in Î²-cyclodextrin as a drug delivery system. Canadian Journal of Chemistry, 2020, 98, 204-214.	1.1	8
14	Theoretical investigation on green emitting heteroleptic cyclometalated iridium(III) complexes with fluorinated 2-phenylpyridine ligands. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 398, 112624.	3.9	5
15	Computational studies of Ni(II) photosensitizers complexes containing 1,1â€²-bis(diphenylphosphino)ferrocene and dithio ligands. Canadian Journal of Chemistry, 2020, 98, 194-203.	1.1	4