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List of Publications by Year
in descending order

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23 papers	638 citations	687363 13 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	731 citing authors

#	Article	IF	Citations
1	The role of hydrogen bonding in excited state intramolecular charge transfer. Physical Chemistry Chemical Physics, 2012, 14, 8775.	2.8	166
2	Hydrogen bond induced twisted intramolecular charge transfer in 2-(4â€²-N,N-dimethylaminophenyl)imidazo[4,5-b]pyridine. Chemical Physics Letters, 2008, 460, 119-124.	2.6	61
3	Comparative Theoretical Study of Rotamerism and Excited State Intramolecular Proton Transfer of 2-(2â€²-Hydroxyphenyl)benzimidazole, 2-(2â€²-Hydroxyphenyl)imidazo[4,5-b]pyridine, 2-(2â€²-Hydroxyphenyl)imidazo[4,5-c] pyridine and 8-(2â€²-Hydroxyphenyl)purine. Journal of Physical Chemistry A, 2009, 113, 12063-12070.	2.5	57
4	Ruthenium(II) Catalysis/Noncovalent Interaction Synergy for Cross-Dehydrogenative Coupling of Arene Carboxylic Acids. ACS Catalysis, 2018, 8, 10173-10179.	11.2	50
5	Ratiometric fluorescence sensing ability of 2-(2â€²-hydroxyphenyl)benzimidazole and its nitrogen substituted analogues towards metal ions. Sensors and Actuators B: Chemical, 2014, 191, 727-733.	7.8	40
6	Enhancing Excited State Intramolecular Proton Transfer in 2-(2â€²-Hydroxyphenyl)benzimidazole and Its Nitrogen-Substituted Analogues by Î²-Cyclodextrin: The Effect of Nitrogen Substitution. Journal of Physical Chemistry A, 2013, 117, 4084-4095.	2.5	36
7	Role of nitrogen substitution in phenyl ring on excited state intramolecular proton transfer and rotamerism of 2-(2â€²-hydroxyphenyl)benzimidazole: A theoretical study. Journal of Chemical Physics, 2011, 134, 104308.	3.0	35
8	Temperature Effect on Dual Fluorescence of 2-(2â€²-Hydroxyphenyl)benzimidazole and Its Nitrogen Substituted Analogues. Journal of Physical Chemistry B, 2013, 117, 14079-14088.	2.6	35
9	Encapsulation of 2-(4â€²-N,N-dimethylamino)phenylimidazo[4,5-b]pyridine in Î²-cyclodextrin: effect on H-bond-induced intramolecular charge transfer emission. Photochemical and Photobiological Sciences, 2009, 8, 1708.	2.9	28
10	The thiocarbonyl â€˜Sâ€™ is softer than thiolate â€˜Sâ€™: A catalyst-free one-pot synthesis of isothiocyanates in water. Organic and Biomolecular Chemistry, 2010, 8, 1674.	2.8	20
11	A 2-pyridyl (py) attached phosphine imine [P(Npy)(NHpy)₃] and an imido phosphinate ion [P(Npy)₂(NHpy)₂]^{â”}in its Ag(<scp>i</scp>) complex. Dalton Transactions, 2012, 41, 1848-1853.	3.3	17
12	Photoisomerization of transâ€2â€[4â€²â€(Dimethylamino)styryl]benzothiazole. Photochemistry and Photobiology, 2013, 89, 247-252.	2.5	17
13	Excited state proton transfer of 2-(2â€²-hydroxyphenyl)benzimidazole and its nitrogen substituted analogues in bovine serum albumin. Photochemical and Photobiological Sciences, 2014, 13, 1297-1304.	2.9	13
14	Theoretical study on photochemical behavior of trans-2-[4â€²-(dimethylamino)styryl]benzothiazole. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 214, 121-127.	3.9	12
15	Intramolecular Proton Transfer in 2â€(2â€²â€hydroxyphenyl)oxazolo[4,5â€b]pyridine: Evidence for Tautomer in the Ground State. Photochemistry and Photobiology, 2015, 91, 298-305.	2.5	12
16	Diacetoxyiodobenzene assisted Câ€“O bond formation via sequential acylation and deacylation process: synthesis of benzoxazole amides and their mechanistic study by DFT. Organic and Biomolecular Chemistry, 2016, 14, 7735-7745.	2.8	11
17	Complexation of 2-amino-3-(4-hydroxyphenyl)-Nâ€²-[(2-hydroxyphenyl) methylene] propane hydrazide with Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) ions: Structural characterization, DFT, DNA binding and antimicrobial studies. Journal of Molecular Structure, 2019, 1176, 7-18.	3.6	9
18	Thiourea recognition by 2,6-bis(2-benzimidazolyl)pyridine using spectroscopic techniques and DFT. Journal of Molecular Structure, 2013, 1042, 32-36.	3.6	8

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19	Decomposition of benzoylthioureas into benzamides and thiobenzamides under solvent-free conditions using iodineâ€“alumina as the catalyst and its mechanistic study by density functional theory. New Journal of Chemistry, 2015, 39, 2240-2247.	2.8	7
20	Comment on â€œMichael Addition Based Chemodosimeter for Serum Creatinine Detection Using (E)-3-(Pyren-2-yl)-1-(3,4,5-trimethoxyphenyl)prop-2-en-1-one Chalconeâ€• ACS Sensors, 2018, 3, 2463-2466.	7.8	1
21	Perturbation of proton transfer of 2-(2â€²-hydroxyphenyl)benzimidazole and its nitrogenous analogues by nanoparticles. Journal of Molecular Structure, 2020, 1217, 128352.	3.6	1
22	One-pot Pseudo-Domino Three-Component Knoevenagel Condensation Reaction in Water Enabled by Micellar Catalyst: Mechanism and Reactivity. Letters in Organic Chemistry, 2020, 17, 823-831.	0.5	1
23	Nanoparticle and surfactant controlled switching between proton transfer and charge transfer reaction coordinates. Physical Chemistry Chemical Physics, 2022, , .	2.8	1