

Abhinav B Tathe

List of Publications by Year in descending order

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19
papers

544
citations

687363

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794594

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all docs

19
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19
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Red emitting solid state fluorescent triphenylamine dyes: Synthesis, photo-physical property and DFT study. <i>Dyes and Pigments</i> , 2013, 97, 429-439.	3.7	64
2	Synthesis and Photo-Physical Characteristics of ESIPT Inspired 2-Substituted Benzimidazole, Benzoxazole and Benzothiazole Fluorescent Derivatives. <i>Journal of Fluorescence</i> , 2012, 22, 311-322.	2.5	59
3	Synthesis and combined experimental and computational investigations on spectroscopic and photophysical properties of Red emitting 3-styryl coumarins. <i>Dyes and Pigments</i> , 2015, 119, 49-55.	3.7	47
4	Synthesis, Photo-physical and DFT Studies of ESIPT Inspired Novel 2-(2,4-Dihydroxyphenyl) Benzimidazole, Benzoxazole and Benzothiazole. <i>Journal of Fluorescence</i> , 2013, 23, 1019-1029.	2.5	44
5	Red emitting NLOphoric 3-styryl coumarins: Experimental and computational studies. <i>Optical Materials</i> , 2016, 51, 121-127.	3.6	43
6	ESIPT-inspired benzothiazole fluorescein: Photophysics of microenvironment pH and viscosity. <i>Dyes and Pigments</i> , 2013, 98, 507-517.	3.7	42
7	DFT based approach to photophysical properties. <i>Tetrahedron</i> , 2013, 69, 1767-1777.	1.9	41
8	Synthesis and characterization of novel yellow azo dyes from 2-morpholin-4-yl-1,3-thiazol-4(5H)-one and study of their azo-hydrazone tautomerism. <i>Dyes and Pigments</i> , 2013, 99, 291-298.	3.7	37
9	Red Emitting Coumarin Azo Dyes : Synthesis, Characterization, Linear and Non-linear Optical Properties-Experimental and Computational Approach. <i>Journal of Fluorescence</i> , 2016, 26, 1279-1293.	2.5	37
10	Red-emitting NLOphoric carbazole-coumarin hybrids - Synthesis, photophysical properties and DFT studies. <i>Dyes and Pigments</i> , 2016, 129, 174-185.	3.7	32
11	TDDFT Investigation of the Electronic Structures and Photophysical Properties of Fluorescent Extended Styryl Push-Pull Chromophores Containing Carbazole Unit. <i>Journal of Fluorescence</i> , 2013, 23, 1121-1138.	2.5	22
12	NLOphoric Red Emitting Bis Coumarins with O-BF ₂ -O core - Synthesis, Photophysical Properties and DFT Studies. <i>Journal of Fluorescence</i> , 2016, 26, 471-486.	2.5	18
13	Red Emitting Coumarins: Insights of Photophysical Properties with DFT Methods. <i>Journal of Fluorescence</i> , 2015, 25, 1117-1126.	2.5	15
14	Viscosity sensitive fluorescent coumarin-carbazole chalcones and their BF ₂ complexes containing carboxylic acid Synthesis and solvatochromism. <i>Journal of Molecular Liquids</i> , 2018, 264, 358-366.	4.9	12
15	A combined theoretical and experimental investigation on the solvatochromism of ESIPT3-(1,3-benzothiazol-2-yl)-2-hydroxynaphthalene-1-carbaldehyde. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 16-24.	3.9	9
16	Excited state intramolecular proton transfer of 2-(2,6-dihydroxyphenyl)benzoxazole: Insights using computational methods. <i>Journal of Luminescence</i> , 2014, 154, 267-273.	3.1	9
17	Novel Fluorescent Phenazines : Synthesis, Characterization, Photophysical Properties and DFT Calculations. <i>Journal of Fluorescence</i> , 2015, 25, 1403-1415.	2.5	6
18	Synthesis and Characterization of Molecules Containing Thiazole and Oxazole Moieties and Study of ESIPT Phenomenon. <i>Journal of Fluorescence</i> , 2012, 22, 1237-1248.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Synthesis of triazine based dialdehyde Schiff's base " new templates for Molecular Imprinting and study of their structural and photophysical properties. Arabian Journal of Chemistry, 2016, 9, S1793-S1800.	4.9	3