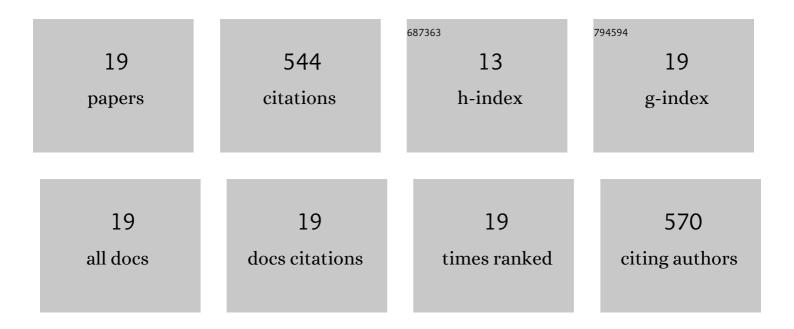
Abhinav B Tathe

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Viscosity sensitive fluorescent coumarin-carbazole chalcones and their BF2 complexes containing carboxylic acid – Synthesis and solvatochromism. Journal of Molecular Liquids, 2018, 264, 358-366.	4.9	12
2	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
3	Red Emitting Coumarin—Azo Dyes : Synthesis, Characterization, Linear and Non-linear Optical Properties-Experimental and Computational Approach. Journal of Fluorescence, 2016, 26, 1279-1293.	2.5	37
4	Red emitting NLOphoric 3-styryl coumarins: Experimental and computational studies. Optical Materials, 2016, 51, 121-127.	3.6	43
5	Red-emitting NLOphoric carbazole-coumarin hybrids - Synthesis, photophysical properties and DFT studies. Dyes and Pigments, 2016, 129, 174-185.	3.7	32
6	NLOphoric Red Emitting Bis Coumarins with O-BF2-O core - Synthesis, Photophysical Properties and DFT Studies. Journal of Fluorescence, 2016, 26, 471-486.	2.5	18
7	Synthesis and combined experimental and computational investigations on spectroscopic and photophysical properties ofÂredÂemitting 3-styryl coumarins. Dyes and Pigments, 2015, 119, 49-55.	3.7	47
8	Red Emitting Coumarins: Insights of Photophysical Properties with DFT Methods. Journal of Fluorescence, 2015, 25, 1117-1126.	2.5	15
9	Novel Fluorescent Phenazines : Synthesis, Characterization, Photophysical Properties and DFT Calculations. Journal of Fluorescence, 2015, 25, 1403-1415.	2.5	6
10	A combined theoretical and experimental investigation on the solvatochromism of ESIPT3-(1,3-benzothiazol-2-yl)-2-hydroxynaphthalene-1-carbaldehyde. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 127, 16-24.	3.9	9
11	Excited state intramolecular proton transfer of 2-(2′,6′-dihydroxyphenyl)benzoxazole: Insights using computational methods. Journal of Luminescence, 2014, 154, 267-273.	3.1	9
12	TDDFT Investigation of the Electronic Structures and Photophysical Properties of Fluorescent Extended Styryl Push-Pull Chromophores Containing Carbazole Unit. Journal of Fluorescence, 2013, 23, 1121-1138.	2.5	22
13	Synthesis, Photo-physical and DFT Studies of ESIPT Inspired Novel 2-(2′,4′-Dihydroxyphenyl) Benzimidazole, Benzoxazole and Benzothiazole. Journal of Fluorescence, 2013, 23, 1019-1029.	2.5	44
14	ESIPT-inspired benzothiazole fluorescein: Photophysics of microenvironment pH and viscosity. Dyes and Pigments, 2013, 98, 507-517.	3.7	42
15	DFT based approach to photophysical properties. Tetrahedron, 2013, 69, 1767-1777.	1.9	41
16	Red emitting solid state fluorescent triphenylamine dyes: Synthesis, photo-physical property and DFT study. Dyes and Pigments, 2013, 97, 429-439.	3.7	64
17	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. Dyes and Pigments, 2013, 99, 291-298.	3.7	37
18	Synthesis and Characterization of Molecules Containing Thiazole and Oxazole Moieties and Study of ESIPT Phenomenon. Journal of Fluorescence, 2012, 22, 1237-1248.	2.5	4

#	Article	IF	CITATIONS
19	Synthesis and Photo-Physical Characteristics of ESIPT Inspired 2-Substituted Benzimidazole, Benzoxazole and Benzothiazole Fluorescent Derivatives. Journal of Fluorescence, 2012, 22, 311-322.	2.5	59