

T Sanjoy Singh

List of Publications by Year in descending order

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papers

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citations

623734

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docs citations

24
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of cinnamic acid derivatives with serum albumins: A fluorescence spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 942-948.	3.9	57
2	Fluorescent chemosensor based on sensitive Schiff base for selective detection of Zn ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 520-526.	3.9	53
3	Fluorescence behavior of intramolecular charge transfer state in trans-ethyl p-(dimethylamino)cinnamate. <i>Journal of Luminescence</i> , 2007, 127, 508-514.	3.1	47
4	A new coumarin based dual functional chemosensor for colorimetric detection of Fe ³⁺ and fluorescence turn-on response of Zn ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 719-731.	7.8	47
5	A highly efficient and selective coumarin based fluorescent probe for colorimetric detection of Fe ³⁺ and fluorescence dual sensing of Zn ²⁺ and Cu ²⁺ . <i>RSC Advances</i> , 2016, 6, 63837-63847.	3.6	44
6	A combined experimental and theoretical study on photoinduced intramolecular charge transfer in trans-ethyl p-(dimethylamino)cinnamate. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 197, 295-305.	3.9	41
7	Coumarin Based Fluorescent Probe for Colorimetric Detection of Fe ³⁺ and Fluorescence Turn On-Off Response of Zn ²⁺ and Cu ²⁺ . <i>Journal of Fluorescence</i> , 2017, 27, 1307-1321.	2.5	35
8	Fluorescence behavior of intramolecular charge transfer probe in anionic, cationic, and nonionic micelles. <i>Journal of Colloid and Interface Science</i> , 2007, 311, 128-134.	9.4	26
9	A new turn-on fluorescent chemosensor based on sensitive Schiff base for Mn ²⁺ ion. <i>Journal of Luminescence</i> , 2015, 165, 167-173.	3.1	25
10	Fluorimetric studies on the binding of 4-(dimethylamino)cinnamic acid with micelles and bovine serum albumin. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1063-1070.	2.9	20
11	Photophysics of a coumarin based Schiff base in solvents of varying polarities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 252-257.	3.9	20
12	Effect of solvent hydrogen bonding on the photophysical properties of intramolecular charge transfer probe trans-ethyl p-(dimethylamino) cinnamate and its derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 630-636.	3.9	19
13	Experimental and computational study on photophysical properties of substituted o-hydroxy acetophenone derivatives: Intramolecular proton transfer and solvent effect. <i>Chemical Physics</i> , 2007, 342, 309-317.	1.9	18
14	A highly sensitive and selective fluorescent chemosensor for detection of Zn ²⁺ based on a Schiff base. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 140, 150-155.	3.9	17
15	Fluorimetric study on the charge transfer behavior of trans-ethyl-(p-dimethylamino cinnamate) and its derivative in cyclodextrin cavities. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 335-345.	1.6	12
16	Cavity size dependent stoichiometry of probe-cyclodextrin complexation: Experimental and molecular docking demonstration. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112158.	3.9	11
17	Studies on the inclusion complexation between intramolecular charge transfer probe trans-ethyl p-(dimethylamino) cinnamate and β -cyclodextrin in presence of ionic and nonionic surfactants. <i>Journal of Luminescence</i> , 2013, 143, 120-127.	3.1	6
18	Modulation of ESIPT fluorescence in o-hydroxy acetophenone derivatives: A comparative study in different bio-mimicking aqueous interfaces. <i>Journal of Molecular Liquids</i> , 2016, 218, 549-557.	4.9	5

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19	Photophysical investigation of a donor-acceptor based Schiff base in solvents of varying polarities. Journal of Molecular Structure, 2022, 1255, 132435.	3.6	5
20	Solvent Effects on the Photophysical Properties of a Donor-acceptor Based Schiff Base. Journal of Fluorescence, 2022, 32, 1321-1336.	2.5	4
21	Photophysical properties and excited state intramolecular proton transfer in 2-hydroxy-5-[(E)-(4-methoxyphenyl)diazanyl]benzoic acid in homogeneous solvents and micro-heterogeneous environments. Journal of Luminescence, 2014, 148, 134-142.	3.1	3
22	Fluorescence characteristics of Schiff base-N,N'-bis(salicylidene) trans 1,2-diaminocyclohexane in the presence of bile acid host. Journal of Molecular Liquids, 2015, 211, 1052-1059.	4.9	3
23	Fluorescence Behavior of Schiff Base-N, N'-bis(salicylidene) Trans 1, 2-Diaminocyclohexane in Proteinous and Micellar Environments. Journal of Fluorescence, 2017, 27, 2295-2311.	2.5	3
24	Fluorescence properties of Schiff base N, N'-bis(salicylidene) 1,2-Phenylenediamine in presence of bile acid host. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 142, 331-338.	3.9	1