

Vinod D Gupta

List of Publications by Year in descending order

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papers

634
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759233

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18
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778
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of New ESIPT-Fluorescein: Photophysics of pH Sensitivity and Fluorescence. Journal of Physical Chemistry A, 2012, 116, 536-545.	2.5	74
2	Synthesis and antimicrobial activity of novel 2-substituted benzimidazole, benzoxazole and benzothiazole derivatives. Arabian Journal of Chemistry, 2016, 9, S1125-S1130.	4.9	71
3	The synthesis and photo-physical properties of extended styryl fluorescent derivatives of N-ethyl carbazole. Dyes and Pigments, 2011, 88, 378-384.	3.7	64
4	Red emitting solid state fluorescent triphenylamine dyes: Synthesis, photo-physical property and DFT study. Dyes and Pigments, 2013, 97, 429-439.	3.7	64
5	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
6	Indion 190 resin: efficient, environmentally friendly, and reusable catalyst for synthesis of benzimidazoles, benzoxazoles, and benzothiazoles. Green Chemistry Letters and Reviews, 2012, 5, 139-145.	4.7	49
7	Synthesis and combined experimental and computational investigations on spectroscopic and photophysical properties of red emitting 3-styryl coumarins. Dyes and Pigments, 2015, 119, 49-55.	3.7	47
8	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
9	DFT based approach to photophysical properties. Tetrahedron, 2013, 69, 1767-1777.	1.9	41
10	Phosphomolybdic Acid: An Efficient and Recyclable Solid Acid Catalyst for the Synthesis of 4,4'-(Arylmethylene)bis(1H-pyrazol-5-ols). Synthetic Communications, 2012, 42, 1349-1358.	2.1	38
11	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
12	Synthesis, photophysical property study of novel fluorescent 4-(1,3-benzoxazol-2-yl)-2-phenylnaphtho[1,2-d][1,3]oxazole derivatives and their antimicrobial activity. Journal of Chemical Sciences, 2013, 125, 141-151.	1.5	16
13	Synthesis of nanodispersible 6-aryl-2,4-diamino-1,3,5-triazine and its derivatives. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 170, 77-87.	3.5	13
14	Synthesis and Antimicrobial Activities of Novel 2-substituted-4-pyrazolyl Benzothiazoles, Benzoxazoles, and Benzimidazoles. Journal of Heterocyclic Chemistry, 2016, 53, 1347-1355.	2.6	10
15	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
16	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
17	Novel ESIPT Fluorescein: Sensor for Blood and Viscosity. BioNanoScience, 2012, 2, 259-265.	3.5	4