

Y F Nadaf

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22
papers

324
citations

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g-index

29
ext. papers

449
ext. citations

3
avg, IF

3.42
L-index

#	Paper	IF	Citations
22	Solvent effects on the absorption and fluorescence spectra of coumarins 6 and 7 molecules: determination of ground and excited state dipole moment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 65, 673-7	4.4	109
21	Ground and excited state dipole moments of some exalite UV laser dyes from solvatochromic method using solvent polarity parameters. <i>Computational and Theoretical Chemistry</i> , 2004 , 678, 177-181		41
20	Rotational diffusion and solvatochromic correlation of coumarin 6 laser dye. <i>Journal of Fluorescence</i> , 2006 , 16, 847-54	2.4	38
19	Luminescent characterization of rare earth Dy ³⁺ ion doped TiO ₂ prepared by simple chemical co-precipitation method. <i>Journal of Rare Earths</i> , 2019 , 37, 24-31	3.7	26
18	Steady-state, time-resolved fluorescence polarization behaviour and determination of dipole moments of coumarin laser dye. <i>Journal of Molecular Structure</i> , 2006 , 787, 127-130	3.4	24
17	A combined experimental theoretical approach for energy gap determination, photophysical, photostable, optoelectronic, NLO, and organic light emitting diode (OLED) application: Synthesized coumarin derivative. <i>Journal of Molecular Structure</i> , 2019 , 1194, 271-283	3.4	13
16	Microstructural and optical properties of rare earth ions doped TiO ₂ for potential white LED applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 16824-16835	2.1	12
15	Solvent Dependence on Structure and Electronic Properties of 7-(Diethylamino) - 2H -1- Benzopyran-2- one (C-466) Laser Dye. <i>Journal of Fluorescence</i> , 2018 , 28, 839-854	2.4	12
14	An Experimental and Computational Study of 2-(3-Oxo-3H-benzo[f] chromen-1-ylmethoxy)-Benzoic Acid Methyl Ester. <i>Journal of Solution Chemistry</i> , 2017 , 46, 1535-1555	1.8	11
13	Efficacy of Eu ³⁺ on improving the near infrared optical nonlinearities and optical limiting properties of antimony sodium borate glasses. <i>Journal of Non-Crystalline Solids</i> , 2021 , 556, 120566	3.9	6
12	Enhanced non-linear optical properties of Eu ³⁺ activated glasses by embedding silver nanoparticles. <i>Ceramics International</i> , 2021 , 47, 16801-16808	5.1	6
11	Impact of solvents on energy gap, photophysical, photometric properties for a new class of 4-HCM coumarin derivative: Nonlinear optical studies and optoelectronic applications. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111383	6	5
10	Temperature-dependent reorientation dynamics of laser dyes in alkane and alcohol solvents. <i>Canadian Journal of Physics</i> , 2013 , 91, 677-681	1.1	5
9	Electronic Structure, Optical Properties and Quantum Chemical Investigation on Synthesized Coumarin Derivative in Liquid Media for Optoelectronic Devices. <i>Journal of Fluorescence</i> , 2019 , 29, 953-968	2.4	4
8	Analysis of rotational diffusion of coumarin laser dyes. <i>Canadian Journal of Physics</i> , 2015 , 93, 3-6	1.1	4
7	Synthesis, photophysical, quantum chemical investigation, linear and non-linear optical properties of coumarin derivative: Optoelectronic and optical limiting application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 223, 117288	4.4	3
6	Solvent influence on the photophysical properties of 4-(2-Oxo-2H-benzo[h]chromen-4-ylmethoxy)-benzaldehyde 2018 ,		2

5	Biscoumarin derivative for designing the WLED display applications 2019 ,	2
4	Photocatalytic and antibacterial approach of green synthesised MgO nanoparticles 2020 ,	1
3	Fluorescence relaxation dynamics in excited electronic states of -(1,3-benzothiazol-2-yl)-7-(diethylamino) chromen-2-one (3-BDC) in alcohols. <i>Journal of Molecular Structure</i> , 2019 , 1187, 59-67	3.4 ○
2	Rotational Diffusion of Medium Sized 7-[Diethylamino]-2H-1-Benzopyran-2-One Molecule in Alcohols: Study of Temperature and Solvent Viscosity Effect. <i>Journal of Fluorescence</i> , 2019 , 29, 587-597	2.4 ○
1	An Experimental and Theoretical Test of Dielectric Friction Models Using Rotational Diffusion of 7-Diethylamino-2-H-1-Benzopyran-2-One in Non-associative Solvents. <i>Journal of Fluorescence</i> , 2019 , 29, 899-909	2.4 ○