

# Y F Nadaf

## List of Publications by Year in descending order

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29  
papers

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citations

687363  
13  
h-index

642732  
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29  
all docs

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docs citations

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times ranked

421  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 673-677.	3.9	123
2	Luminescent characterization of rare earth Dy <sup>3+</sup> ion doped TiO <sub>2</sub> prepared by simple chemical co-precipitation method. <i>Journal of Rare Earths</i> , 2019, 37, 24-31.	4.8	48
3	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.	1.5	43
4	Rotational Diffusion and Solvatochromic Correlation of Coumarin 6 Laser Dye. <i>Journal of Fluorescence</i> , 2006, 16, 847-854.	2.5	38
5	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.	3.6	37
6	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.	3.6	27
7	Enhanced non-linear optical properties of Eu <sup>3+</sup> activated glasses by embedding silver nanoparticles. <i>Ceramics International</i> , 2021, 47, 16801-16808.	4.8	27
8	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.	4.9	26
9	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.	2.5	23
10	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.	1.2	20
11	Microstructural and optical properties of rare earth ions doped TiO <sub>2</sub> for potential white LED applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 16824-16835.	2.2	18
12	Efficacy of Eu <sup>3+</sup> 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.	3.1	18
13	Analysis of rotational diffusion of coumarin laser dyes. <i>Canadian Journal of Physics</i> , 2015, 93, 3-6.	1.1	15
14	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.	2.5	14
15	Temperature-dependent reorientation dynamics of laser dyes in alkane and alcohol solvents. <i>Canadian Journal of Physics</i> , 2013, 91, 677-681.	1.1	13
16	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.	3.9	13
17	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.	3.6	6
18	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.	2.5	6

#	ARTICLE	IF	CITATIONS
19	Solvent influence on the photophysical properties of 4-(2-Oxo-2H-benzo[h]chromen-4-ylmethoxy)-benzaldehyde. AIP Conference Proceedings, 2018, , .	0.4	3
20	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. Journal of Fluorescence, 2019, 29, 899-909.	2.5	3
21	Photocatalytic and antibacterial approach of green synthesised MgO nanoparticles. AIP Conference Proceedings, 2020, , .	0.4	3
22	Quantum chemical studies on structure and electronic properties of the 2,7-bis(4-methoxyphenyl) 9,9-dipropyl-9H-fluorene. AIP Conference Proceedings, 2019, , .	0.4	2
23	Biscoumarin derivative for designing the WLED display applications. AIP Conference Proceedings, 2019, , .	0.4	2
24	To investigate specific and non-specific interactions effects of solvents on COXD-perchlorate molecule. AIP Conference Proceedings, 2019, , .	0.4	1
25	Structural, thermal, chemical and optoelectronic properties of the quinoxaline with DFT. AIP Conference Proceedings, 2020, , .	0.4	1
26	Nanosecond nonlinear optical and optical limiting properties of Eu <sup>3+</sup> activated borate glasses embedded with silver nanoparticles. AIP Conference Proceedings, 2021, , .	0.4	1
27	Deep blue light emission of (4,3-Oxo-4'-HCMM) coumarin derivative for organic LED display application. AIP Conference Proceedings, 2019, , .	0.4	0
28	TiO <sub>2</sub> microstructures synthesized via solgel process for dye-sensitized solar cell applications. AIP Conference Proceedings, 2019, , .	0.4	0
29	OLED display application of 2-(6-Fluoro-2-oxo-2H-chromen-4-ylmethoxy)-benzoic acid methyl ester derivative. AIP Conference Proceedings, 2019, , .	0.4	0