

Anil Kumar

List of Publications by Year in descending order

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12
papers

27
citations

2258059

3
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

8
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigations of mechanical and dielectric friction: Rotational reorientation studies of 7-DHB, Qu-390, and C-6H molecules in polar solvents. <i>Journal of Molecular Liquids</i> , 2019, 285, 668-677.	4.9	6
2	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
3	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
4	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.	2.5	3
5	Photophysical properties of novel fluorescent 1-(3-Hydroxy-benzofuran-2-yl)-benzo[f]chromen-3-one derivative: models for correlation solvent polarity scales. <i>Canadian Journal of Physics</i> , 2019, 97, 548-557.	1.1	2
6	Rotational relaxation dynamics study of rhodamine 800 in series of primary alcohols solvents. <i>Materials Today: Proceedings</i> , 2022, , .	1.8	2
7	To investigate specific and non-specific interactions effects of solvents on COXD-perchlorate molecule. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
8	Pico second time resolved emission spectroscopy study of DMMN molecule in alcohols. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
9	Solvatochromism of Quinoline-390 and Rhodamine-800: Multiple Linear Regression and Computational Approaches. <i>Asian Journal of Chemistry</i> , 2019, 31, 61-72.	0.3	0
10	Molecular dynamics of 7-DAB-one molecule in nitrile solvents. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
11	Temperature effect on molecular rotational dynamics of NMBHC-2-one in ethanol and octanol solvents. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
12	Fluorescence relaxation and rotational dynamics of 3,3-â€™-NBC-one in polar protic solvents. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0