

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	Rotational relaxation dynamics study of rhodamine 800 in series of primary alcohols solvents. Materials Today: Proceedings, 2022, , .	1.8	2
2	Temperature effect on molecular rotational dynamics of NMBHC-2-one in ethanol and octanol solvents. AIP Conference Proceedings, 2021, , .	0.4	0
3	Fluorescence relaxation and rotational dynamics of 3,3- H_2O -NBC-one in polar protic solvents. AIP Conference Proceedings, 2021, , .	0.4	0
4	Molecular dynamics of 7-DAB-one molecule in nitrile solvents. AIP Conference Proceedings, 2020, , .	0.4	0
5	To investigate specific and non-specific interactions effects of solvents on COXD-perchlorate molecule. AIP Conference Proceedings, 2019, , .	0.4	1
6	Pico second time resolved emission spectroscopy study of DMMN molecule in alcohols. AIP Conference Proceedings, 2019, , .	0.4	1
7	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
8	Solvatochromism of Quinoline-390 and Rhodamine-800: Multiple Linear Regression and Computational Approaches. Asian Journal of Chemistry, 2019, 31, 61-72.	0.3	0
9	Investigations of mechanical and dielectric friction: Rotational reorientation studies of 7-DHB, Qu-390, and C-6H molecules in polar solvents. Journal of Molecular Liquids, 2019, 285, 668-677.	4.9	6
10	Fluorescence relaxation dynamics in excited electronic states of -(1,3-benzothiazol-2-yl)-7-(diethylamino) chromen-2-one (3-BDC) in alcohols. Journal of Molecular Structure, 2019, 1187, 59-67.	3.6	6
11	Rotational Diffusion of Medium Sized 7-[Diethylamino]-2H-1-Benzopyran-2-One Molecule in Alcohols: Study of Temperature and Solvent Viscosity Effect. Journal of Fluorescence, 2019, 29, 587-597.	2.5	6
12	Photophysical properties of novel fluorescent 1-(3-Hydroxy-benzofuran-2-yl)-benzo[f]chromen-3-one derivative: models for correlation solvent polarity scales. Canadian Journal of Physics, 2019, 97, 548-557.	1.1	2