

Bharat Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6032606/publications.pdf>

Version: 2024-02-01

16
papers

113
citations

1307366

7
h-index

1281743

11
g-index

16
all docs

16
docs citations

16
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of iron-iron oxide particles on the rate of isomerization of azobenzene moieties in polymeric liquid crystals at air-water interface. <i>Colloid and Polymer Science</i> , 2021, 299, 603-609.	1.0	2
2	Effect of local electric field on trans to cis photo-isomerization of azobenzene containing polymer. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 267, 115094.	1.7	6
3	Studies on kinetics of isomerization of gamma oryzanol at air-water interface. <i>Thin Solid Films</i> , 2021, 732, 138764.	0.8	3
4	Interaction of \hat{I}^2 \hat{N} oxalyl \hat{L} \hat{I}_{\pm} , \hat{I}^2 diaminopropionic acid (ODAP) with Langmuir monolayers of DPPC, DPPG and cholesterol. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
5	Transition in nanoscale electrical conductivity in the Langmuir-Blodgett film of a novel liquid crystalline oligomer. <i>Nano Express</i> , 2020, 1, 010006.	1.2	1
6	Kinetics of interaction between antimicrobial peptide nisin and Langmuir monolayers of DPPC and DPPG molecules. <i>Physical Review E</i> , 2019, 100, 032404.	0.8	3
7	Charge transport in a liquid crystalline triphenylene polymer monolayer at air-water interface. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12101-12107.	1.3	15
8	Nanoscale dielectric measurements from electrostatic force microscopy. <i>Modern Physics Letters B</i> , 2014, 28, 1430011.	1.0	4
9	Synthesis and characterization of novel azobenzene-based mesogens and their organization at the air-water and air-water interfaces. <i>RSC Advances</i> , 2014, 4, 41371-41377.	1.7	7
10	Stern potential and Debye length measurements in dilute ionic solutions with electrostatic force microscopy. <i>Nanotechnology</i> , 2013, 24, 435701.	1.3	9
11	Spreading and retraction dynamics of a dye doped smectic liquid crystal domain at the air-water interface. <i>Soft Matter</i> , 2012, 8, 11180.	1.2	4
12	Dielectric constants by multifrequency non-contact atomic force microscopy. <i>Nanotechnology</i> , 2012, 23, 025707.	1.3	13
13	Stress-strain relation in the collapse of Langmuir monolayer of a dimer of disk shaped moiety. <i>Journal of Chemical Physics</i> , 2010, 133, 044701.	1.2	10
14	Kinetics of <i>trans-cis</i> isomerization in azobenzene dimers at an air-water interface. <i>Physical Review E</i> , 2009, 80, 021601.	0.8	15
15	Novel Mesogenic Azobenzene Dimer at Air-Water and Air-Solid Interfaces. <i>Langmuir</i> , 2009, 25, 839-844.	1.6	21
16	Magnetic Surfaces for Photo-Isomerization of Azobenzene Based Polymer Probed Using Magneto Optical Method. <i>Topics in Catalysis</i> , 0, , 1.	1.3	0