

# Lata Panicker

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

520  
citations

840776

11  
h-index

713466

21  
g-index

34  
all docs

34  
docs citations

34  
times ranked

606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fine-tuning of intermolecular interactions on crystallisation outcome: A case study of polymorphs of 4-hydroxybenzaldehyde. <i>Pramana - Journal of Physics</i> , 2022, 96, 1.	1.8	0
2	Structural, vibrational and thermal study of Bis(4-Carboxyanilinium) sulphate a new organo-sulphate adduct of 4-amino benzoic acid. <i>Journal of Molecular Structure</i> , 2022, 1267, 133631.	3.6	2
3	Structural insights into SARS-CoV-2 proteins. <i>Journal of Molecular Biology</i> , 2021, 433, 166725.	4.2	241
4	Reversible order-disorder phase transition and interaction topology in 4-carboxyanilinium nitrate. <i>Journal of Molecular Structure</i> , 2021, 1227, 129542.	3.6	5
5	Spectroscopic investigation of order-disorder phase transition in 4-carboxyanilinium nitrate. <i>Journal of Molecular Structure</i> , 2021, 1244, 131011.	3.6	1
6	Protein-nanoparticle interactions and a new insight. <i>Soft Matter</i> , 2021, 17, 3855-3875.	2.7	24
7	Role of surface charges on interaction of rod-shaped magnetic hydroxyapatite nanoparticles with protein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 362-369.	5.0	16
8	Surface Plasmon Resonance of Counterions coated Charged Silver Nanoparticles and Application in Bio-interaction. <i>Materials Research Express</i> , 2018, 5, 055005.	1.6	2
9	DrFrnE Represents a Hitherto Unknown Class of Eubacterial Cytoplasmic Disulfide Oxido-Reductases. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 296-310.	5.4	6
10	Differential sensitivity of Chironomus and human hemoglobin to gamma radiation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 371-378.	2.1	4
11	Unfolding and inactivation of proteins by counterions in protein-nanoparticles interaction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 194-200.	5.0	14
12	Rheology of Indian Honey: Effect of Temperature and Gamma Radiation. <i>International Journal of Food Science</i> , 2014, 2014, 1-6.	2.0	19
13	Purification, crystallization and preliminary crystallographic investigation of FrnE, a disulfide oxidoreductase from <i>Deinococcus radiodurans</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1540-1542.	0.8	2
14	Interactions of human hemoglobin with charged ligand-functionalized iron oxide nanoparticles and effect of counterions. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	6
15	Selective binding of proteins on functional nanoparticles via reverse charge parity model: an <i>in vitro</i> study. <i>Materials Research Express</i> , 2014, 1, 015017.	1.6	14
16	Protein nanoparticle electrostatic interaction: Size dependent counterions induced conformational change of hen egg white lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 118, 1-6.	5.0	21
17	Counter ion induced irreversible denaturation of hen egg white lysozyme upon electrostatic interaction with iron oxide nanoparticles: A predicted model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 267-274.	5.0	27
18	Influence of anthracene doping on the order-disorder phase transition in phenanthrene. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
19	Phase transitions in methyl parben doped dipalmitoyl phosphatidylethanolamine vesicles. , 2013, , .		0
20	Teflon scrap based cation exchanger by radiation grafting: Process parameter standardization and characterization. Environmental Progress and Sustainable Energy, 2012, 31, 77-88.	2.3	17
21	Raman spectroscopic and DSC studies of diglycine-perchlorate (DGPCI). Vibrational Spectroscopy, 2011, 57, 270-274.	2.2	5
22	Crystal Structure and Phase Transition of Diglycine Perchlorate. Journal of Chemical Crystallography, 2011, 41, 147-154.	1.1	10
23	Propyl paraben-induced changes in dipalmitoyl phosphatidylethanolamine vesicles. Journal of Thermal Analysis and Calorimetry, 2010, 99, 583-592.	3.6	3
24	DSC And Raman Studies Of Diglycine-perchlorate (DGPCI) Doped TGS. , 2010, , .		1
25	Interaction of propyl paraben with dipalmitoyl phosphatidylcholine bilayer: A differential scanning calorimetry and nuclear magnetic resonance study. Colloids and Surfaces B: Biointerfaces, 2008, 61, 145-152.	5.0	18
26	Structural behaviour of AgNO <sub>3</sub> at low temperatures by neutron diffraction. Pramana - Journal of Physics, 2008, 71, 929-933.	1.8	0
27	Influence of salicylic acid on the biophysical properties of dipalmitoyl phosphatidylcholine vesicles. Phase Transitions, 2008, 81, 65-76.	1.3	5
28	Interaction of keratolytic drug, salicylic acid with dipalmitoyl phosphatidylethanolamine vesicles. Phase Transitions, 2008, 81, 361-378.	1.3	4
29	Effect of propyl paraben on the dipalmitoyl phosphatidic acid vesicles. Journal of Colloid and Interface Science, 2007, 311, 407-416.	9.4	10
30	Influence of the leprosy drug, dapson on the model membrane dipalmitoyl phosphatidylethanolamine. Thermochemica Acta, 2006, 447, 123-130.	2.7	6
31	Interaction of benzoic acid, aspirin and para-hydroxy benzoic acid with dipalmitoyl phosphatidic acid vesicles. Thermochemica Acta, 2006, 451, 174-180.	2.7	5
32	Nuclear magnetic resonance and thermal studies on the interaction between salicylic acid and model membranes. Biophysical Chemistry, 2006, 120, 15-23.	2.8	14
33	Salicylic acid-induced effects in the mixed-lipid (dipalmitoyl phosphatidylcholine + dipalmitoyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 250-258.	9.4	8
34	Reduced fluidity of dipalmitoyl phosphatidic acid membranes by salicylic acid. Thermochemica Acta, 2005, 432, 41-46.	2.7	10