Lata Panicker

List of Publications by Year
in descending order

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34	520	840776 11	713466 21
papers	citations	h-index	g-index

34	34	34	606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural insights into SARS-CoV-2 proteins. Journal of Molecular Biology, 2021, 433, 166725.	4.2	241
2	Counter ion induced irreversible denaturation of hen egg white lysozyme upon electrostatic interaction with iron oxide nanoparticles: A predicted model. Colloids and Surfaces B: Biointerfaces, 2013, 103, 267-274.	5.0	27
3	Proteinâ€“nanoparticle interactions and a new insight. Soft Matter, 2021, 17, 3855-3875.	2.7	24
4	Protein nanoparticle electrostatic interaction: Size dependent counterions induced conformational change of hen egg white lysozyme. Colloids and Surfaces B: Biointerfaces, 2014, 118, 1-6.	5.0	21
5	Rheology of Indian Honey: Effect of Temperature and Gamma Radiation. International Journal of Food Science, 2014, 2014, 1-6.	2.0	19
6	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
7	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
8	Role of surface charges on interaction of rod-shaped magnetic hydroxyapatite nanoparticles with protein. Colloids and Surfaces B: Biointerfaces, 2019, 177, 362-369.	5.0	16
9	Nuclear magnetic resonance and thermal studies on the interaction between salicylic acid and model membranes. Biophysical Chemistry, 2006, 120, 15-23.	2.8	14
10	Selective binding of proteins on functional nanoparticles via reverse charge parity model: anin vitrostudy. Materials Research Express, 2014, 1, 015017.	1.6	14
11	Unfolding and inactivation of proteins by counterions in protein-nanoparticles interaction. Colloids and Surfaces B: Biointerfaces, 2016, 145, 194-200.	5.0	14
12	Reduced fluidity of dipalmitoyl phosphatidic acid membranes by salicylic acid. Thermochimica Acta, 2005, 432, 41-46.	2.7	10
13	Effect of propyl paraben on the dipalmitoyl phosphatidic acid vesicles. Journal of Colloid and Interface Science, 2007, 311, 407-416.	9.4	10
14	Crystal Structure and Phase Transition of Diglycine Perchlorate. Journal of Chemical Crystallography, 2011, 41, 147-154.	1.1	10
15	Salicylic acid-induced effects in the mixed-lipid (dipalmitoyl phosphatidylcholineâ€“dipalmitoyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 250-258.	9.4	8
16	Influence of the leprosy drug, dapsone on the model membrane dipalmitoyl phosphatidylethanolamine. Thermochimica Acta, 2006, 447, 123-130.	2.7	6
17	Interactions of human hemoglobin with charged ligand-functionalized iron oxide nanoparticles and effect of counterions. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	6
18	drFrnE Represents a Hitherto Unknown Class of Eubacterial Cytoplasmic Disulfide Oxido-Reductases. Antioxidants and Redox Signaling, 2018, 28, 296-310.	5.4	6

#	Article	IF	Citations
19	Interaction of benzoic acid, aspirin and para-hydroxy benzoic acid with dipalmitoyl phosphatidic acid vesicles. Thermochimica Acta, 2006, 451, 174-180.	2.7	5
20	Influence of salicylic acid on the biophysical properties of dipalmitoyl phosphatidylcholine vesicles. Phase Transitions, 2008, 81, 65-76.	1.3	5
21	Raman spectroscopic and DSC studies of diglycine-perchlorate (DGPCl). Vibrational Spectroscopy, 2011, 57, 270-274.	2.2	5
22	Reversible order-disorder phase transition and interaction topology in 4-carboxyanilinium nitrate. Journal of Molecular Structure, 2021, 1227, 129542.	3.6	5
23	Interaction of keratolytic drug, salicylic acid with dipalmitoyl phosphatidylethanolamine vesicles. Phase Transitions, 2008, 81, 361-378.	1.3	4
24	Differential sensitivity of Chironomus and human hemoglobin to gamma radiation. Biochemical and Biophysical Research Communications, 2016, 476, 371-378.	2.1	4
25	Propyl paraben-induced changes in dipalmitoyl phosphatidylethanolamine vesicles. Journal of Thermal Analysis and Calorimetry, 2010, 99, 583-592.	3.6	3
26	Purification, crystallization and preliminary crystallographic investigation of FrnE, a disulfide oxidoreductase fromDeinococcus radiodurans. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1540-1542.	0.8	2
27	Surface Plasmon Resonance of Counterions coated Charged Silver Nanoparticles and Application in Bio-interaction. Materials Research Express, 2018, 5, 055005.	1.6	2
28	Structural, vibrational and thermal study of Bis(4-Carboxyanilinium) sulphate a new organo-sulphate adduct of 4-amino benzoic acid. Journal of Molecular Structure, 2022, 1267, 133631.	3.6	2
29	DSC And Raman Studies Of Diglycine-perchlorate (DGPCl) Doped TGS. , 2010, , .		1
30	Spectroscopic investigation of order-disorder phase transition in 4-carboxyanilinium nitrate. Journal of Molecular Structure, 2021, 1244, 131011.	3.6	1
31	Structural behaviour of AgNO3 at low temperatures by neutron diffraction. Pramana - Journal of Physics, 2008, 71, 929-933.	1.8	0
32	Influence of anthracene doping on the order-disorder phase transition in phenanthrene. , 2013, , .		0
33	Phase transitions in methyl parben doped dipalmitoyl phosphatidylethanolamine vesicles. , 2013, , .		0
34	Effect of fine-tuning of intermolecular interactions on crystallisation outcome: A case study of polymorphs of 4-hydroxybenzaldehyde. Pramana - Journal of Physics, 2022, 96, 1.	1.8	0