

Lakkoji Satish

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

485
citations

759055

12
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

531
citing authors

#	ARTICLE	IF	CITATIONS
1	A Spectroscopic and Molecular Simulation Approach toward the Binding Affinity between Lysozyme and Phenazinium Dyes: An Effect on Protein Conformation. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1475-1484.	1.2	64
2	Interaction of Lysozyme with Rhodamine B: A combined analysis of spectroscopic & molecular docking. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 248-257.	1.7	62
3	Construing the interactions between MnO ₂ nanoparticle and bovine serum albumin: insight into the structure and stability of a protein-nanoparticle complex. <i>New Journal of Chemistry</i> , 2017, 41, 8130-8139.	1.4	48
4	Spectroscopic insight into the interaction of bovine serum albumin with imidazolium-based ionic liquids in aqueous solution. <i>Luminescence</i> , 2017, 32, 695-705.	1.5	43
5	A spectroscopic and molecular dynamics simulation approach towards the stabilizing effect of ammonium-based ionic liquids on bovine serum albumin. <i>New Journal of Chemistry</i> , 2017, 41, 10712-10722.	1.4	42
6	Impact of imidazolium-based ionic liquids on the structure and stability of lysozyme. <i>Spectroscopy Letters</i> , 2016, 49, 383-390.	0.5	38
7	Exploring the effect of 5-Fluorouracil on conformation, stability and activity of lysozyme by combined approach of spectroscopic and theoretical studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 179, 23-31.	1.7	34
8	Binding and inhibitory effect of the food colorants Sunset Yellow and Ponceau 4R on amyloid fibrillation of lysozyme. <i>New Journal of Chemistry</i> , 2019, 43, 3956-3968.	1.4	28
9	A Review of Recent Progress on Nano MnO ₂ : Synthesis, Surface Modification and Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 899-922.	1.9	22
10	Thermal Aggregation of Bovine Serum Albumin in Conventional Buffers: An Insight into Molecular Level Interactions. <i>Journal of Solution Chemistry</i> , 2017, 46, 831-848.	0.6	21
11	Molecular level insight into the effect of triethyloctylammonium bromide on the structure, thermal stability, and activity of Bovine serum albumin. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 186-193.	3.6	14
12	Insights into the binding interaction between copper ferrite nanoparticles and bovine serum albumin: An effect on protein conformation and activity. <i>Luminescence</i> , 2018, 33, 990-998.	1.5	14
13	Sustained activity and stability of lysozyme in aqueous ionic liquid solutions containing carboxymethylcellulose and polyethylene glycol. <i>Journal of Molecular Liquids</i> , 2019, 278, 329-334.	2.3	13
14	Interaction of carborane-appended trimer with bovine serum albumin: A spectroscopic investigation. <i>Inorganica Chimica Acta</i> , 2019, 491, 52-58.	1.2	12
15	Novel chromogenic bacteria characterized and their probable treatment options using herbal products and reagents to restrict biofilm formation. <i>Journal of Applied Biomedicine</i> , 2017, 15, 291-298.	0.6	7
16	Molecular interactions of MnO ₂ @RGO (manganese dioxide-reduced graphene oxide) nanocomposites with bovine serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 2038-2046.	2.0	7
17	Conformational changes of GDNF-derived peptide induced by heparin, heparan sulfate, and sulfated hyaluronic acid - Analysis by circular dichroism spectroscopy and molecular dynamics simulation. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 2144-2150.	3.6	7
18	Electrodeposition of nanoMnO ₂ from mineral leach liquor and the investigation on conformational changes of hemoglobin induced by the nanomaterial. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124102.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Structure and activity of lysozyme on binding to lithium-manganese oxide nanocomposites prepared from seabed nodule. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 151, 109794.	1.9	3
20	A spectroscopic insight into the interaction of chromene 1,2,4-oxadiazole-based compounds with bovine serum albumin. <i>Research on Chemical Intermediates</i> , 2021, 47, 1181-1195.	1.3	3