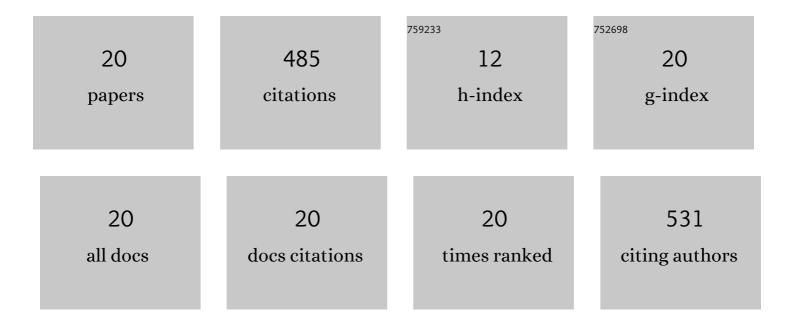
## Lakkoji Satish

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Spectroscopic and Molecular Simulation Approach toward the Binding Affinity between Lysozyme and Phenazinium Dyes: An Effect on Protein Conformation. Journal of Physical Chemistry B, 2017, 121, 1475-1484.	2.6	64
2	Interaction of Lysozyme with Rhodamine B: A combined analysis of spectroscopic & molecular docking. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 248-257.	3.8	62
3	Construing the interactions between MnO <sub>2</sub> nanoparticle and bovine serum albumin: insight into the structure and stability of a protein–nanoparticle complex. New Journal of Chemistry, 2017, 41, 8130-8139.	2.8	48
4	Spectroscopic insight into the interaction of bovine serum albumin with imidazoliumâ€based ionic liquids in aqueous solution. Luminescence, 2017, 32, 695-705.	2.9	43
5	A spectroscopic and molecular dynamics simulation approach towards the stabilizing effect of ammonium-based ionic liquids on bovine serum albumin. New Journal of Chemistry, 2017, 41, 10712-10722.	2.8	42
6	Impact of imidazolium-based ionic liquids on the structure and stability of lysozyme. Spectroscopy Letters, 2016, 49, 383-390.	1.0	38
7	Exploring the effect of 5-Fluorouracil on conformation, stability and activity of lysozyme by combined approach of spectroscopic and theoretical studies. Journal of Photochemistry and Photobiology B: Biology, 2018, 179, 23-31.	3.8	34
8	Binding and inhibitory effect of the food colorants Sunset Yellow and Ponceau 4R on amyloid fibrillation of lysozyme. New Journal of Chemistry, 2019, 43, 3956-3968.	2.8	28
9	A Review of Recent Progress on Nano MnO2: Synthesis, Surface Modification and Applications. Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 899-922.	3.7	22
10	Thermal Aggregation of Bovine Serum Albumin in Conventional Buffers: An Insight into Molecular Level Interactions. Journal of Solution Chemistry, 2017, 46, 831-848.	1.2	21
11	Molecular level insight into the effect of triethyloctylammonium bromide on the structure, thermal stability, and activity of Bovine serum albumin. International Journal of Biological Macromolecules, 2018, 107, 186-193.	7.5	14
12	Insights into the binding interaction between copper ferrite nanoparticles and bovine serum albumin: An effect on protein conformation and activity. Luminescence, 2018, 33, 990-998.	2.9	14
13	Sustained activity and stability of lysozyme in aqueous ionic liquid solutions containing carboxymethylcellulose and polyethylene glycol. Journal of Molecular Liquids, 2019, 278, 329-334.	4.9	13
14	Interaction of carborane-appended trimer with bovine serum albumin: A spectroscopic investigation. Inorganica Chimica Acta, 2019, 491, 52-58.	2.4	12
15	Novel chromogenic bacteria characterized and their probable treatment options using herbal products and reagents to restrict biofilm formation. Journal of Applied Biomedicine, 2017, 15, 291-298.	1.7	7
16	Molecular interactions of MnO <sub>2</sub> @RGO (manganese dioxide-reduced graphene oxide) nanocomposites with bovine serum albumin. Journal of Biomolecular Structure and Dynamics, 2020, 38, 2038-2046.	3.5	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. International Journal of Biological Macromolecules, 2021, 182, 2144-2150.	7.5	7
18	Electrodeposition of nanoMnO2 from mineral leach liquor and the investigation on conformational changes of hemoglobin induced by the nanomaterial. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124102.	4.7	3

#	Article	lF	CITATIONS
19	Structure and activity of lysozyme on binding to lithium-manganese oxide nanocomposites prepared from seabed nodule. Journal of Physics and Chemistry of Solids, 2021, 151, 109794.	4.0	3
20	A spectroscopic insight into the interaction of chromene 1,2,4-oxadiazole-based compounds with bovine serum albumin. Research on Chemical Intermediates, 2021, 47, 1181-1195.	2.7	3