# Lakkoji Satish

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5310664/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 20 papers | 485 citations | 759233 12 h-index | 752698 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. 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 proteinâ€“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 â€“ 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 | IF | 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 |