

Mohd Ishtikhar

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11812951/mohd-ishtikhar-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

875

citations

16

h-index

28

g-index

28

ext. papers

981

ext. citations

5.6

avg, IF

4.17

L-index

#	Paper	IF	Citations
26	Elucidating the interaction of limonene with bovine serum albumin: a multi-technique approach. <i>Molecular BioSystems</i> , 2015 , 11, 307-16		190
25	Protonation favors aggregation of lysozyme with SDS. <i>Soft Matter</i> , 2014 , 10, 2591-9	3.6	81
24	Biophysical investigation of thymoquinone binding to N and B isoforms of human serum albumin: exploring the interaction mechanism and radical scavenging activity. <i>RSC Advances</i> , 2015 , 5, 18218-18232	3.7	76
23	Interaction of 5-fluoro-5'-deoxyuridine with human serum albumin under physiological and non-physiological condition: a biophysical investigation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 469-77	6	76
22	Interaction of the 5-fluorouracil analog 5-fluoro-2'-deoxyuridine with 'N' and 'B' isoforms of human serum albumin: a spectroscopic and calorimetric study. <i>Molecular BioSystems</i> , 2014 , 10, 2954-64		53
21	Revisiting ligand-induced conformational changes in proteins: essence, advancements, implications and future challenges. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013 , 31, 630-48	3.6	35
20	A mechanistic insight into protein-ligand interaction, folding, misfolding, aggregation and inhibition of protein aggregates: An overview. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 1115-1129	7.9	32
19	Thermal induced unfolding of human serum albumin isomers: assigning residual helices to domain II. <i>International Journal of Biological Macromolecules</i> , 2015 , 75, 447-52	7.9	32
18	Non-fluorinated cosolvents: A potent amorphous aggregate inducer of metalloproteinase-conalbumin (ovotransferrin). <i>International Journal of Biological Macromolecules</i> , 2015 , 78, 417-28	7.9	31
17	Biophysical insight into the interaction mechanism of plant derived polyphenolic compound tannic acid with homologous mammalian serum albumins. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 2450-2464	7.9	30
16	Polyols (Glycerol and Ethylene glycol) mediated amorphous aggregate inhibition and secondary structure restoration of metalloproteinase-conalbumin (ovotransferrin). <i>International Journal of Biological Macromolecules</i> , 2017 , 94, 290-300	7.9	28
15	Inhibitory effect of copper nanoparticles on rosin modified surfactant induced aggregation of lysozyme. <i>International Journal of Biological Macromolecules</i> , 2015 , 78, 379-88	7.9	23
14	Interaction of biocompatible natural rosin-based surfactants with human serum albumin: A biophysical study. <i>Journal of Luminescence</i> , 2015 , 167, 399-407	3.8	22
13	Rosin Surfactant QRMAE Can Be Utilized as an Amorphous Aggregate Inducer: A Case Study of Mammalian Serum Albumin. <i>PLoS ONE</i> , 2015 , 10, e0139027	3.7	20
12	Effect of guanidine hydrochloride and urea on the interaction of 6-thioguanine with human serum albumin: a spectroscopic and molecular dynamics based study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 1409-20	3.6	19
11	Secondary structural changes in guanidinium hydrochloride denatured mammalian serum albumins and protective effect of small amounts of cationic gemini surfactant pentanediyldibis(cetyldimethylammonium bromide) and methyl- β -cyclodextrin: A spectroscopic study. <i>Journal of Colloid and Interface Science</i> , 2015 , 439, 170-6	9.3	19
10	Fructosylation generates neo-epitopes on human serum albumin. <i>IUBMB Life</i> , 2015 , 67, 338-47	4.7	16

9	d-Ribose induced glycooxidative insult to hemoglobin protein: An approach to spot its structural perturbations. <i>International Journal of Biological Macromolecules</i> , 2018 , 112, 134-147	7.9	16
8	Temperature dependent rapid annealing effect induces amorphous aggregation of human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2016 , 82, 844-55	7.9	15
7	Biophysical and molecular docking insight into interaction mechanism and thermal stability of human serum albumin isoforms with a semi-synthetic water-soluble camptothecin analog irinotecan hydrochloride. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 1545-60	3.6	14
6	Spectroscopic studies on the comparative refolding of guanidinium hydrochloride denatured hen egg-white lysozyme and <i>Rhizopus niveus</i> lipase assisted by cationic single-chain/gemini surfactants via artificial chaperone protocol. <i>RSC Advances</i> , 2017 , 7, 28452-28460	3.7	12
5	Anti-aggregation property of thymoquinone induced by copper-nanoparticles: A biophysical approach. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 1174-1182	7.9	11
4	Biophysical insights into the interaction of clofazimine with human alpha 1-acid glycoprotein: a multitechnique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 1390-1401	3.6	10
3	Biophysical insight reveals tannic acid as amyloid inducer and conformation transformer from amorphous to amyloid aggregates in Concanavalin A (ConA). <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 , 36, 1261-1273	3.6	8
2	Comparative refolding of guanidinium hydrochloride denatured bovine serum albumin assisted by cationic and anionic surfactants via artificial chaperone protocol: Biophysical insight. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 225, 117510	4.4	6
1	Phytochemical thymoquinone prevents hemoglobin glycooxidation and protofibrils formation: A biophysical aspect. <i>International Journal of Biological Macromolecules</i> , 2021 , 190, 508-519	7.9	