

# Mohammad Alsenaidy

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

609  
citations

567281

15  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular insight into binding behavior of polyphenol (rutin) with beta lactoglobulin: Spectroscopic, molecular docking and MD simulation studies. Journal of Molecular Liquids, 2018, 269, 511-520.	4.9	107
2	Protein comparability assessments and potential applicability of high throughput biophysical methods and data visualization tools to compare physical stability profiles. Frontiers in Pharmacology, 2014, 5, 39.	3.5	47
3	Wound-healing potential of curcumin loaded lignin nanoparticles. Journal of Drug Delivery Science and Technology, 2020, 60, 102020.	3.0	47
4	Unveiling the stimulatory effects of tartrazine on human and bovine serum albumin fibrillogenesis: Spectroscopic and microscopic study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 191, 116-124.	3.9	33
5	High-Throughput Biophysical Analysis and Data Visualization of Conformational Stability of an IgG1 Monoclonal Antibody After Deglycosylation. Journal of Pharmaceutical Sciences, 2013, 102, 3942-3956.	3.3	31
6	Physical Stability Comparisons of IgG1-Fc Variants: Effects of N-Glycosylation Site Occupancy and Asp/Gln Residues at Site Asn 297. Journal of Pharmaceutical Sciences, 2014, 103, 1613-1627.	3.3	31
7	Negatively charged food additive dye <i>Allura Red</i> rapidly induces SDS-soluble amyloid fibril in beta-lactoglobulin protein. International Journal of Biological Macromolecules, 2018, 107, 1706-1716.	7.5	30
8	Synthetic food additive dye <i>Tartrazine</i> triggers amorphous aggregation in cationic myoglobin. International Journal of Biological Macromolecules, 2017, 98, 277-286.	7.5	28
9	Unraveling the molecular mechanism of the effects of sodium dodecyl sulfate, salts, and sugars on amyloid fibril formation in camel IgG. Colloids and Surfaces B: Biointerfaces, 2018, 170, 430-437.	5.0	28
10	Lignin nanoparticles as a promising vaccine adjuvant and delivery system for ovalbumin. International Journal of Biological Macromolecules, 2020, 163, 1314-1322.	7.5	26
11	An empirical phase diagram approach to investigate conformational stability of <i>second</i> generation functional mutants of acidic fibroblast growth factor 1. Protein Science, 2012, 21, 418-432.	7.6	24
12	Characterization of colchicine binding with normal and glycosylated albumin: <i>In vitro</i> and molecular docking analysis. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3453-3462.	3.5	23
13	A quercetin-based flavanoid (rutin) reverses amyloid fibrillation in $\beta$ -lactoglobulin at pH 2.0 and 358 K. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 40-48.	3.9	22
14	Cationic gemini surfactant (16-4-16) interact electrostatically with anionic plant lectin and facilitates amyloid fibril formation at neutral pH. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 494-502.	4.7	21
15	Glycation Induced Generation of Amyloid Fibril Structures by Glucose Metabolites. Protein and Peptide Letters, 2016, 23, 892-897.	0.9	17
16	Sodium lauryl sarcosinate (sarkosyl) modulate amyloid fibril formation in hen egg white lysozyme (HEWL) at alkaline pH: a molecular insight study. Journal of Biomolecular Structure and Dynamics, 2018, 36, 1550-1565.	3.5	15
17	Estimation Of Direct Medical Costs Of Middle East Respiratory Syndrome Coronavirus Infection: A Single-Center Retrospective Chart Review Study. Infection and Drug Resistance, 2019, Volume 12, 3463-3473.	2.7	15
18	Shortage of psychotropic medications in community pharmacies in Saudi Arabia: Causes and solutions. Saudi Pharmaceutical Journal, 2017, 25, 744-749.	2.7	14

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19	Spectral and thermal properties of novel eye lens $\gamma$ -crystallin. International Journal of Biological Macromolecules, 2017, 102, 1052-1058.	7.5	11
20	Denaturation induced aggregation in $\beta$ -crystallin: differential action of chaotropes. Journal of Molecular Recognition, 2016, 29, 536-543.	2.1	7
21	pH induced single step shift of hydrophobic patches followed by formation of an MG state and an amyloidogenic intermediate in Lima Bean Trypsin Inhibitor (LBTI). International Journal of Biological Macromolecules, 2017, 103, 111-119.	7.5	7
22	Expression, Purification and Properties of Redox-Sensitive Eye Lens Zeta-Crystallin of Arabian Camel. Protein and Peptide Letters, 2016, 23, 573-580.	0.9	7
23	Aggregation and conformational stability evaluation of myoglobin in the presence of ionic surfactant. Saudi Pharmaceutical Journal, 2018, 26, 515-519.	2.7	6
24	Drug utilization and cost associated with inflammatory bowel disease management in Saudi Arabia. Cost Effectiveness and Resource Allocation, 2019, 17, 25.	1.5	6
25	Biophysical evaluation of amyloid fibril formation in bovine cytochrome c by sodium lauroyl sarcosinate (sarkosyl) in acidic conditions. Journal of Molecular Liquids, 2017, 241, 722-729.	4.9	4
26	Optimization of expression and purification of human mortalin (Hsp70): Folding/unfolding analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 187, 98-103.	3.9	2