

# Mohammad Furkan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11973678/publications.pdf>

Version: 2024-02-01

20  
papers

246  
citations

1039406

9  
h-index

996533

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of amyloids in Alzheimer's and Parkinson's diseases. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 44-55.	3.6	33
2	Equilibrium studies of cellulase aggregates in presence of ascorbic and boric acid. <i>International Journal of Biological Macromolecules</i> , 2013, 52, 286-295.	3.6	26
3	Mechanisms of amyloid proteins aggregation and their inhibition by antibodies, small molecule inhibitors, nano-particles and nano-bodies. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 580-590.	3.6	25
4	Aloe emodin, an anthroquinone from Aloe vera acts as an anti aggregatory agent to the thermally aggregated hemoglobin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 179, 188-193.	2.0	21
5	An In Vitro elucidation of the antiaggregatory potential of Diosminover thermally induced unfolding of hen egg white lysozyme; A preventive quest for lysozyme amyloidosis. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 1015-1023.	3.6	20
6	An in-vitro elucidation of inhibitory potential of carminic acid: Possible therapeutic approach for neurodegenerative diseases. <i>Journal of Molecular Liquids</i> , 2020, 303, 112692.	2.3	14
7	Secondary structural alterations in glucoamylase as an influence of protein aggregation. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 459-468.	3.6	13
8	Comparative study of biogenically synthesized silver and gold nanoparticles of <i>Acacia auriculiformis</i> leaves and their efficacy against Alzheimer's and Parkinson's disease. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 292-301.	3.6	13
9	An antibiotic (sulfamethoxazole) stabilizes polypeptide (human serum albumin) even under extreme condition (elevated temperature). <i>International Journal of Biological Macromolecules</i> , 2019, 135, 337-343.	3.6	11
10	Peroxidase improves the activity of catalase by preventing aggregation during TFE-induced denaturation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 551-560.	2.0	10
11	Serotonin abrogates dopamine induced aggregation of cytochrome c. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 893-900.	3.6	9
12	Detergent induces the formation of IgG aggregates: A multi-methodological approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 120, 151-160.	2.0	8
13	Investigating the preventive effects of baicalin and gallic acid against glyoxal-induced cystatin aggregation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3791-3802.	2.0	8
14	Analysing Cytochrome c Aggregation and Fibrillation upon Interaction with Acetonitrile: an in Vitro Study. <i>Journal of Fluorescence</i> , 2016, 26, 1959-1966.	1.3	6
15	Anti-tuberculous thionamide antibiotics show antioxidative and neuronal cytoprotective nature by inhibiting amyloid formation in human insulin and amyloid I <sup>2</sup> -42. <i>Journal of Molecular Liquids</i> , 2021, 326, 115396.	2.3	6
16	Rifampicin Induced Aggregation of Ovalbumin: Malicious Behaviour of Antibiotics. <i>Protein and Peptide Letters</i> , 2015, 22, 644-653.	0.4	6
17	Process, Outcomes and Possible Elimination of Aggregation with Special Reference to Heme Proteins; Likely Remediations of Proteinopathies. <i>Current Protein and Peptide Science</i> , 2020, 21, 573-583.	0.7	6
18	In Vitro Elucidation of the Folding Intermediates and Aggregate Formation of Hemoglobin Induced by Acetonitrile: A Multispectroscopic Approach. <i>Protein and Peptide Letters</i> , 2016, 23, 884-891.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Melamine induced human serum albumin aggregates: Its possible role in amyloidogenesis. Journal of Molecular Liquids, 2022, 356, 119004.	2.3	3
20	Molecular crowding induced loss of native conformation and aggregation of Î±-chymotrypsinogen A. Journal of Molecular Structure, 2022, 1265, 133385.	1.8	3