

# Mohammad Furkan

## List of Publications by Year in Descending Order

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

20  
papers

147  
citations

7  
h-index

11  
g-index

20  
ext. papers

194  
ext. citations

5.3  
avg, IF

3.06  
L-index

#	Paper	IF	Citations
20	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> , <b>2022</b> , 203, 292-301	7.9	1
19	Melamine induced human serum albumin aggregates: Its possible role in amyloidogenesis. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 356, 119004	6	0
18	Molecular crowding induced loss of native conformation and aggregation of Ecthyotrypsinogen A. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1265, 133385	3.4	0
17	Anti-tuberculosic thionamide antibiotics show antioxidative and neuronal cytoprotective nature by inhibiting amyloid formation in human insulin and amyloid $\beta$ 2. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 326, 115396	6	5
16	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> , <b>2021</b> , 186, 580-590	7.9	6
15	The role of amyloids in Alzheimer's and Parkinson's diseases. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 190, 44-55	7.9	6
14	An in-vitro elucidation of inhibitory potential of carminic acid: Possible therapeutic approach for neurodegenerative diseases. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 303, 112692	6	9
13	Process, Outcomes and Possible Elimination of Aggregation with Special Reference to Heme Proteins; Likely Remediations of Proteinopathies. <i>Current Protein and Peptide Science</i> , <b>2020</b> , 21, 573-583 <sup>2.8</sup>		4
12	An antibiotic (sulfamethoxazole) stabilizes polypeptide (human serum albumin) even under extreme condition (elevated temperature). <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 135, 337-343	7.9	6
11	An In Vitro elucidation of the antiaggregatory potential of Diosmin over thermally induced unfolding of hen egg white lysozyme; A preventive quest for lysozyme amyloidosis. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 129, 1015-1023	7.9	18
10	Peroxidase improves the activity of catalase by preventing aggregation during TFE-induced denaturation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 551-560	3.6	8
9	Investigating the preventive effects of baicalin and gallic acid against glyoxal-induced cystatin aggregation. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2018</b> , 36, 3791-3802	3.6	7
8	Secondary structural alterations in glucoamylase as an influence of protein aggregation. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 98, 459-468	7.9	8
7	Aloe emodin, an anthraquinone from <i>Aloe vera</i> acts as an anti aggregatory agent to the thermally aggregated hemoglobin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 179, 188-193	4.4	16
6	Serotonin abrogates dopamine induced aggregation of cytochrome c. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 102, 893-900	7.9	8
5	Analysing Cytochrome c Aggregation and Fibrillation upon Interaction with Acetonitrile: an in Vitro Study. <i>Journal of Fluorescence</i> , <b>2016</b> , 26, 1959-1966	2.4	4
4	In Vitro Elucidation of the Folding Intermediates and Aggregate Formation of Hemoglobin Induced by Acetonitrile: A Multispectroscopic Approach. <i>Protein and Peptide Letters</i> , <b>2016</b> , 23, 884-891	1.9	5

3	Rifampicin Induced Aggregation of Ovalbumin: Malicious Behaviour of Antibiotics. <i>Protein and Peptide Letters</i> , <b>2015</b> , 22, 644-53	1.9	5
2	Detergent induces the formation of IgG aggregates: a multi-methodological approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 120, 151-60	4.4	7
1	Equilibrium studies of cellulase aggregates in presence of ascorbic and boric acid. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 52, 286-95	7.9	24