

Aabgeena Naeem

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8886470/aabgeena-naeem-publications-by-year.pdf>

Version: 2024-04-27

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.

49
papers

877
citations

19
h-index

27
g-index

49
ext. papers

956
ext. citations

4.7
avg, IF

4.64
L-index

#	Paper	IF	Citations
49	Molecular crowding induced loss of native conformation and aggregation of E ₃ thymotrypsinogen A. <i>Journal of Molecular Structure</i> , 2022 , 1265, 133385	3.4	0
48	The modulation of structural stability of horseradish peroxidase as a consequence of macromolecular crowding. <i>Journal of Molecular Recognition</i> , 2021 , 34, e2902	2.6	
47	Refolding of Hemoglobin Under Macromolecular Confinement: Impersonating In Vivo Volume Exclusion. <i>Journal of Fluorescence</i> , 2021 , 31, 1371-1377	2.4	1
46	The contrasting effect of macromolecular crowding and confinement on fibril formation of globular protein: Underlying cause of proteopathies. <i>Journal of Molecular Liquids</i> , 2021 , 322, 114602	6	2
45	Consequence of macromolecular crowding on aggregation propensity and structural stability of haemoglobin under glycating conditions. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 1044-1053	7.9	5
44	Macromolecular crowding stabilises native structure of E ₃ thymotrypsinogen-A against hexafluoropropanol-induced aggregates. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 3780-3788	7.9	2
43	Thermal unfolding of human lysozyme induces aggregation: Recognition of the aggregates by antisera against the native protein. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 976-982	7.9	10
42	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	3.6	8
41	Probing the binding of phenolic aldehyde vanillin with bovine serum albumin: Evidence from spectroscopic and docking approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 203, 40-47	4.4	38
40	Aggregation of globular protein as a consequences of macromolecular crowding: A time and concentration dependent study. <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 360-366	7.9	19
39	Green synthesis of silver nanoparticles, its characterization, and chaperone-like activity in the aggregation inhibition of E ₃ thymotrypsinogen A. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 2381-2389	7.9	10
38	Carboxylic acids of different nature induces aggregation of hemoglobin. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1584-1593	7.9	7
37	Inhibition of advanced glycation end products by isoferulic acid and its free radical scavenging capacity: An in vitro and molecular docking study. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1479-1487	7.9	17
36	Secondary structural alterations in glucoamylase as an influence of protein aggregation. <i>International Journal of Biological Macromolecules</i> , 2017 , 98, 459-468	7.9	8
35	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	4.4	16
34	Serotonin abrogates dopamine induced aggregation of cytochrome c. <i>International Journal of Biological Macromolecules</i> , 2017 , 102, 893-900	7.9	8
33	Analysing Cytochrome c Aggregation and Fibrillation upon Interaction with Acetonitrile: an in Vitro Study. <i>Journal of Fluorescence</i> , 2016 , 26, 1959-1966	2.4	4

32	Aggregation as a consequence of glycation: insight into the pathogenesis of arthritis. <i>European Biophysics Journal</i> , 2016 , 45, 523-34	1.9	15
31	Anti-fibrillation propensity of a flavonoid baicalein against the fibrils of hen egg white lysozyme: potential therapeutics for lysozyme amyloidosis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016 , 34, 2102-14	3.6	24
30	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	1.9	5
29	Exploring the Transition of Human β Synuclein from Native to the Fibrillar State: Insights into the Pathogenesis of Parkinsons Disease. <i>Journal of Fluorescence</i> , 2016 , 26, 1659-69	2.4	3
28	Aggregation of intrinsically disordered fibrinogen as the influence of backbone conformation. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 603, 38-47	4.1	15
27	Anti-fibrillation potency of caffeic acid against an antidepressant induced fibrillogenesis of human β Synuclein: Implications for Parkinsons disease. <i>Biochimie</i> , 2015 , 108, 178-85	4.6	39
26	Anesthetic 2,2,2-trifluoroethanol induces amyloidogenesis and cytotoxicity in human serum albumin. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 726-35	7.9	21
25	Therapeutic Interventions for the Suppression of Alzheimers Disease: Quest for a Remedy. <i>Current Drug Metabolism</i> , 2015 , 16, 346-53	3.5	8
24	Induction of amyloidogenicity in wild type HEWL by a dialdehyde: analysis involving multi dimensional approach. <i>International Journal of Biological Macromolecules</i> , 2014 , 64, 36-44	7.9	30
23	Deciphering aggregates, prefibrillar oligomers and protofibrils of cytochrome c. <i>Amino Acids</i> , 2014 , 46, 1839-51	3.5	17
22	In vitro hyperglycemic condition facilitated the aggregation of lysozyme via the passage through a molten globule state. <i>Cell Biochemistry and Biophysics</i> , 2013 , 66, 265-75	3.2	22
21	Detection and analysis of protofibrils and fibrils of hemoglobin: implications for the pathogenesis and cure of heme loss related maladies. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 533, 69-78	4.1	33
20	Understanding protein folding from globular to amyloid state: Aggregation: Darker side of protein. <i>Process Biochemistry</i> , 2013 , 48, 1651-1664	4.8	14
19	Conformational transitions provoked by organic solvents in chicken egg ovalbumin: mimicking the local environment. <i>Protein Journal</i> , 2013 , 32, 7-14	3.9	6
18	Detection and analysis of amorphous aggregates and fibrils of cytochrome c in the presence of phenolic acids. <i>International Journal of Biological Macromolecules</i> , 2013 , 58, 104-12	7.9	20
17	Equilibrium studies of cellulase aggregates in presence of ascorbic and boric acid. <i>International Journal of Biological Macromolecules</i> , 2013 , 52, 286-95	7.9	24
16	Molten globule of hemoglobin proceeds into aggregates and advanced glycated end products. <i>PLoS ONE</i> , 2013 , 8, e72075	3.7	68
15	Deciphering structural intermediates and genotoxic fibrillar aggregates of albumins: a molecular mechanism underlying for degenerative diseases. <i>PLoS ONE</i> , 2013 , 8, e54061	3.7	34

14	Existence of different structural intermediates and aggregates on the folding pathway of ovalbumin. <i>Journal of Fluorescence</i> , 2012 , 22, 47-57	2.4	13
13	Trifluoroethanol and acetonitrile induced formation of the molten globule states and aggregates of cellulase. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 932-8	7.9	21
12	Glycation promotes the formation of genotoxic aggregates in glucose oxidase. <i>Amino Acids</i> , 2012 , 43, 1311-22	3.5	29
11	Acetonitrile can promote formation of different structural intermediate states on aggregation pathway of immunoglobulin G from human and bovine. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 71-8	7.9	19
10	Defective protein folding and aggregation as the basis of neurodegenerative diseases: the darker aspect of proteins. <i>Cell Biochemistry and Biophysics</i> , 2011 , 61, 237-50	3.2	52
9	Purification and characterization of mannose/glucose-specific lectin from seeds of <i>Trigonella foenumgraecum</i> . <i>Biochemistry (Moscow)</i> , 2007 , 72, 44-8	2.9	7
8	Purification and characterization of a novel beta-D-galactosides-specific lectin from <i>Clitoria ternatea</i> . <i>Protein Journal</i> , 2007 , 26, 403-13	3.9	16
7	Glycoprotein targeting and other applications of lectins in biotechnology. <i>Current Protein and Peptide Science</i> , 2007 , 8, 261-71	2.8	29
6	Characterization of partially folded intermediates of papain in presence of cationic, anionic, and nonionic detergents at low pH. <i>Biopolymers</i> , 2006 , 83, 1-10	2.2	19
5	Comparative study of effects of polyols, salts, and alcohols on trichloroacetic acid-induced state of cytochrome C. <i>Biochemistry (Moscow)</i> , 2006 , 71, 1101-9	2.9	7
4	Partially folded intermediate state of concanavalin A retains its carbohydrate specificity. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 1284-94	3.4	21
3	Conformational states of trifluoroacetic acid-treated cytochrome c in the presence of salts and alcohols. <i>Protein Journal</i> , 2004 , 23, 185-95	3.9	9
2	Characterization of molten globule state of cytochrome c at alkaline, native and acidic pH induced by butanol and SDS. <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 2281-92	5.6	48
1	Characterization of a partially folded intermediate of papain induced by fluorinated alcohols at low pH. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 432, 79-87	4.1	34