

Aabgeena Naeem

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,054
citations

361296

20
h-index

454834

30
g-index

49
all docs

49
docs citations

49
times ranked

1072
citing authors

#	ARTICLE	IF	CITATIONS
1	Molten Globule of Hemoglobin Proceeds into Aggregates and Advanced Glycated End Products. PLoS ONE, 2013, 8, e72075.	1.1	76
2	Probing the binding of phenolic aldehyde vanillin with bovine serum albumin: Evidence from spectroscopic and docking approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 40-47.	2.0	63
3	Defective Protein Folding and Aggregation as the Basis of Neurodegenerative Diseases: The Darker Aspect of Proteins. Cell Biochemistry and Biophysics, 2011, 61, 237-250.	0.9	58
4	Characterization of molten globule state of cytochrome c at alkaline, native and acidic pH induced by butanol and SDS. International Journal of Biochemistry and Cell Biology, 2004, 36, 2281-2292.	1.2	55
5	Anti-fibrillation potency of caffeic acid against an antidepressant induced fibrillogenesis of human α -synuclein: Implications for Parkinson's disease. Biochimie, 2015, 108, 178-185.	1.3	53
6	Glycation promotes the formation of genotoxic aggregates in glucose oxidase. Amino Acids, 2012, 43, 1311-1322.	1.2	38
7	Deciphering Structural Intermediates and Genotoxic Fibrillar Aggregates of Albumins: A Molecular Mechanism Underlying for Degenerative Diseases. PLoS ONE, 2013, 8, e54061.	1.1	38
8	Detection and analysis of protofibrils and fibrils of hemoglobin: Implications for the pathogenesis and cure of heme loss related maladies. Archives of Biochemistry and Biophysics, 2013, 533, 69-78.	1.4	37
9	Characterization of a partially folded intermediate of papain induced by fluorinated alcohols at low pH. Archives of Biochemistry and Biophysics, 2004, 432, 79-87.	1.4	36
10	Glycoprotein Targeting and Other Applications of Lectins in Biotechnology. Current Protein and Peptide Science, 2007, 8, 261-271.	0.7	36
11	Induction of amyloidogenicity in wild type HEWL by a dialdehyde: Analysis involving multi dimensional approach. International Journal of Biological Macromolecules, 2014, 64, 36-44.	3.6	31
12	Inhibition of advanced glycation end products by isoferulic acid and its free radical scavenging capacity: An in vitro and molecular docking study. International Journal of Biological Macromolecules, 2018, 118, 1479-1487.	3.6	29
13	Equilibrium studies of cellulase aggregates in presence of ascorbic and boric acid. International Journal of Biological Macromolecules, 2013, 52, 286-295.	3.6	26
14	Aggregation of globular protein as a consequences of macromolecular crowding: A time and concentration dependent study. International Journal of Biological Macromolecules, 2018, 108, 360-366.	3.6	26
15	Characterization of partially folded intermediates of papain in presence of cationic, anionic, and nonionic detergents at low pH. Biopolymers, 2006, 83, 1-10.	1.2	24
16	Anesthetic 2,2,2-trifluoroethanol induces amyloidogenesis and cytotoxicity in human serum albumin. International Journal of Biological Macromolecules, 2015, 79, 726-735.	3.6	24
17	Anti-fibrillation propensity of a flavonoid baicalein against the fibrils of hen egg white lysozyme: potential therapeutics for lysozyme amyloidosis. Journal of Biomolecular Structure and Dynamics, 2016, 34, 2102-2114.	2.0	24
18	Trifluoroethanol and acetonitrile induced formation of the molten globule states and aggregates of cellulase. International Journal of Biological Macromolecules, 2012, 50, 932-938.	3.6	23

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19	Partially folded intermediate state of concanavalin A retains its carbohydrate specificity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1284-1294.	1.0	22
20	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, 265-275.	0.9	22
21	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
22	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, 104-112.	3.6	20
23	Aggregation as a consequence of glycation: insight into the pathogenesis of arthritis. <i>European Biophysics Journal</i> , 2016, 45, 523-534.	1.2	20
24	Purification and Characterization of a Novel Î²-d-Galactosides-Specific Lectin from <i>Clitoria ternatea</i> . <i>Protein Journal</i> , 2007, 26, 403-413.	0.7	19
25	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, 71-78.	3.6	19
26	Deciphering aggregates, prefibrillar oligomers and protofibrils of cytochrome c. <i>Amino Acids</i> , 2014, 46, 1839-1851.	1.2	18
27	Aggregation of intrinsically disordered fibrinogen as the influence of backbone conformation. <i>Archives of Biochemistry and Biophysics</i> , 2016, 603, 38-47.	1.4	17
28	Understanding protein folding from globular to amyloid state. <i>Process Biochemistry</i> , 2013, 48, 1651-1664.	1.8	16
29	Green synthesis of silver nanoparticles, its characterization, and chaperone-like activity in the aggregation inhibition of Î±-chymotrypsinogen A. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2381-2389.	3.6	14
30	Existence of Different Structural Intermediates and Aggregates on the Folding Pathway of Ovalbumin. <i>Journal of Fluorescence</i> , 2012, 22, 47-57.	1.3	13
31	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
32	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.	3.6	13
33	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.	3.6	11
34	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
35	Carboxylic acids of different nature induces aggregation of hemoglobin. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1584-1593.	3.6	10
36	Conformational States of Trifluoroacetic Acid-Treated Cytochrome c in the Presence of Salts and Alcohols. <i>Protein Journal</i> , 2004, 23, 185-195.	0.7	9

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37	Serotonin abrogates dopamine induced aggregation of cytochrome c. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 893-900.	3.6	9
38	Therapeutic Interventions for the Suppression of Alzheimer's Disease: Quest for a Remedy. <i>Current Drug Metabolism</i> , 2015, 16, 346-353.	0.7	9
39	Comparative study of effects of polyols, salts, and alcohols on trichloroacetic acid-induced state of cytochrome c. <i>Biochemistry (Moscow)</i> , 2006, 71, 1101-1109.	0.7	8
40	Purification and characterization of mannose/glucose-specific lectin from seeds of <i>Trigonella foenumgraecum</i> . <i>Biochemistry (Moscow)</i> , 2007, 72, 44-48.	0.7	8
41	Conformational Transitions Provoked by Organic Solvents in Chicken Egg Ovalbumin: Mimicking the Local Environment. <i>Protein Journal</i> , 2013, 32, 7-14.	0.7	6
42	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
43	Macromolecular crowding stabilises native structure of α -chymotrypsinogen-A against hexafluoroisopropanol-induced aggregates. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 3780-3788.	3.6	5
44	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.	2.3	5
45	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
46	Exploring the Transition of Human α -Synuclein from Native to the Fibrillar State: Insights into the Pathogenesis of Parkinson's Disease. <i>Journal of Fluorescence</i> , 2016, 26, 1659-1669.	1.3	3
47	Molecular crowding induced loss of native conformation and aggregation of α -chymotrypsinogen A. <i>Journal of Molecular Structure</i> , 2022, 1265, 133385.	1.8	3
48	The modulation of structural stability of horseradish peroxidase as a consequence of macromolecular crowding. <i>Journal of Molecular Recognition</i> , 2021, 34, e2902.	1.1	2
49	Refolding of Hemoglobin Under Macromolecular Confinement: Impersonating In Vivo Volume Exclusion. <i>Journal of Fluorescence</i> , 2021, 31, 1371-1377.	1.3	1