Firoz Akhter

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10154386/publications.pdf

Version: 2024-02-01

25 papers	820 citations	516710 16 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	786 citing authors

#	Article	IF	Citations
1	Nelumbo nucifera. , 2021, , 467-479.		0
2	Age-dependent accumulation of dicarbonyls and advanced glycation endproducts (AGEs) associates with mitochondrial stress. Free Radical Biology and Medicine, 2021, 164, 429-438.	2.9	33
3	Vascular Dementia and Underlying Sex Differences. Frontiers in Aging Neuroscience, 2021, 13, 720715.	3.4	27
4	Modulation of Cellular Redox Status and Antioxidant Defense System after Synergistic Application of Zinc Oxide Nanoparticles and Salicylic Acid in Rice (Oryza sativa) Plant under Arsenic Stress. Plants, 2021, 10, 2254.	3.5	53
5	Glycyrrhizic Acid Scavenges Reactive Carbonyl Species and Attenuates Glycation-Induced Multiple Protein Modification: An In Vitro and In Silico Study. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	4.0	15
6	The Neoepitopes on Methylglyoxal- (MG-) Glycated Fibrinogen Generate Autoimmune Response: Its Role in Diabetes, Atherosclerosis, and Diabetic Atherosclerosis Subjects. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	6
7	The neoepitopes on methylglyoxal (MG) glycated LDL create autoimmune response; autoimmunity detection in T2DM patients with varying disease duration. Cellular Immunology, 2020, 351, 104062.	3.0	19
8	High Dietary Advanced Glycation End Products Impair Mitochondrial and Cognitive Function. Journal of Alzheimer's Disease, 2020, 76, 165-178.	2.6	33
9	RAGE Exacerbate Amyloid Beta (AÎ²) Induced Alzheimer Pathology: A Systemic Overview. Environmental Science and Engineering, 2019, , 159-170.	0.2	3
10	The non-enzymatic glycation of LDL proteins results in biochemical alterations - A correlation study of Apo B100-AGE with obesity and rheumatoid arthritis. International Journal of Biological Macromolecules, 2019, 122, 195-200.	7.5	12
11	Therapeutic efficacy of Boerhaavia diffusa (Linn.) root methanolic extract in attenuating streptozotocin-induced diabetes, diabetes-linked hyperlipidemia and oxidative-stress in rats. Biomedical Research and Therapy, 2019, 6, 3293-3306.	0.6	29
12	Do all roads lead to the Rome? The glycation perspective!. Seminars in Cancer Biology, 2018, 49, 9-19.	9.6	42
13	Identification and Characterization of Amyloid-Î² Accumulation in Synaptic Mitochondria. Methods in Molecular Biology, 2018, 1779, 415-433.	0.9	9
14	Mitochondrial Perturbation in Alzheimer's Disease and Diabetes. Progress in Molecular Biology and Translational Science, 2017, 146, 341-361.	1.7	34
15	Detection of Circulating Auto-Antibodies Against Ribosylated-LDL in Diabetes Patients. Journal of Clinical Laboratory Analysis, 2017, 31, e22039.	2.1	20
16	Toxicity of Protein and DNA-AGEs in Neurodegenerative Diseases (NDDs) with Decisive Approaches to Stop the Deadly Consequences. Environmental Science and Engineering, 2017, , 99-124.	0.2	5
17	Antigenic role of the adaptive immune response to d -ribose glycated LDL in diabetes, atherosclerosis and diabetes atherosclerotic patients. Life Sciences, 2016, 151, 139-146.	4.3	42
18	Acquired immunogenicity of calf thymus DNA and LDL modified by d-ribose: A comparative study. International Journal of Biological Macromolecules, 2015, 72, 1222-1227.	7.5	39

#	Article	IF	Citations
19	Glycoxidation of biological macromolecules: A critical approach to halt the menace of glycation. Glycobiology, 2014, 24, 979-990.	2.5	111
20	Immunogenicity of DNA-advanced glycation end product fashioned through glyoxal and arginine in the presence of Fe3+: Its potential role in prompt recognition of diabetes mellitus auto-antibodies. Chemico-Biological Interactions, 2014, 219, 229-240.	4.0	58
21	An Immunohistochemical Analysis to Validate the Rationale behind the Enhanced Immunogenicity of D-Ribosylated Low Density Lipo-Protein. PLoS ONE, 2014, 9, e113144.	2.5	42
22	Antimicrobial resistant coliform bacteria in the Gomti river water and determination of their tolerance level. Bioinformation, 2014, 10, 167-174.	0.5	5
23	Bio-physical characterization of ribose induced glycation: A mechanistic study on DNA perturbations. International Journal of Biological Macromolecules, 2013, 58, 206-210.	7.5	79
24	Antioxidant, Î±-amylase inhibitory and oxidative DNA damage protective property of Boerhaavia diffusa (Linn.) root. South African Journal of Botany, 2013, 88, 265-272.	2.5	33
25	Studies on glycation of human low density lipoprotein: A functional insight into physico-chemical analysis. International Journal of Biological Macromolecules, 2013, 62, 167-171.	7.5	71