Moinuddin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7547512/publications.pdf

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43	524	623188	713013
papers	citations	14	21
		h-index	g-index

43	43	43	700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	4-Chloro-orthophenylenediamine alters DNA integrity and affects cell survival: inferences from a computational, biophysical/biochemical, microscopic and cell-based study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 14176-14187.	2.0	4
2	Attenuation of hyperglycemia and amadori products by aminoguanidine in alloxan-diabetic rabbits occurs via enhancement in antioxidant defenses and control of stress. PLoS ONE, 2022, 17, e0262233.	1.1	6
3	Risk of Carcinogenicity Associated with Synthetic Hair Dyeing Formulations: A Biochemical View on Action Mechanisms, Genetic Variation and Prevention. Indian Journal of Clinical Biochemistry, 2022, 37, 399-409.	0.9	3
4	Characterization of Glyoxal Modified LDL: Role in the Generation of Circulating Autoantibodies in Type 2 Diabetes Mellitus and Coronary Artery Disease. Current Drug Targets, 2021, 22, .	1.0	0
5	Hydroxyl radical induced structural perturbations make insulin highly immunogenic and generate an auto-immune response in type 2 diabetes mellitus. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119640.	2.0	8
6	Ampicillin-augmented silver nanoparticles for synergistic antimicrobial response: A promising therapeutic approach. Current Pharmaceutical Biotechnology, 2021, 22, 2019-2030.	0.9	1
7	Preferential recognition of epitopes on peroxynitrite-modified alpha-2-macroglobulin by circulating autoantibodies in rheumatoid arthritis patients. Journal of Biomolecular Structure and Dynamics, 2020, 38, 1984-1994.	2.0	2
8	Nitroxidized-HSA induced oxidative damage in human erythrocytes: an ex vivo approach. Journal of Biomolecular Structure and Dynamics, 2020, 38, 918-927.	2.0	0
9	Molecular docking explores heightened immunogenicity and structural dynamics of acetaldehyde human immunoglobulin G adduct. IUBMB Life, 2019, 71, 1522-1536.	1.5	1
10	A study on hepatopathic, dyslipidemic and immunogenic properties of fructosylated-HSA-AGE and binding of autoantibodies in sera of obese and overweight patients with fructosylated-HSA-AGE. PLoS ONE, 2019, 14, e0216736.	1.1	1
11	Unsaturated aldehyde, 4-hydroxynonenal (HNE) alters the structural integrity of HSA with consequences in the immuno-pathology of rheumatoid arthritis. International Journal of Biological Macromolecules, 2018, 112, 306-314.	3.6	13
12	Structural and immunological characterization of hydroxyl radical modified human IgG: Clinical correlation in rheumatoid arthritis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 194, 194-201.	2.0	2
13	d-Ribose induced glycoxidative insult to hemoglobin protein: An approach to spot its structural perturbations. International Journal of Biological Macromolecules, 2018, 112, 134-147.	3.6	28
14	Characterization of methylglyoxal-modified human IgG by physicochemical methods. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3172-3183.	2.0	2
15	Fructose-human serum albumin interaction undergoes numerous biophysical and biochemical changes before forming AGEs and aggregates. International Journal of Biological Macromolecules, 2018, 109, 896-906.	3.6	11
16	Glycation, oxidation and glycoxidation of IgG: a biophysical, biochemical, immunological and hematological study. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2637-2653.	2.0	16
17	Methylglyoxal modified IgG generates autoimmune response in rheumatoid arthritis. International Journal of Biological Macromolecules, 2018, 118, 15-23.	3.6	12
18	Methylglyoxal produces more changes in biochemical and biophysical properties of human IgG under high glucose compared to normal glucose level. PLoS ONE, 2018, 13, e0191014.	1.1	12

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19	Amorphous aggregate adducts of linker histone H1 turn highly immunologic in the cancers of oesophagus, stomach, gall bladder and ovary. International Journal of Biological Macromolecules, 2017, 96, 507-517.	3.6	6
20	Studies on glycoxidatively modified human IgG: Implications in immuno-pathology of type 2 diabetes mellitus. International Journal of Biological Macromolecules, 2017, 104, 19-29.	3.6	18
21	Role of Peroxynitrite-Induced Activation of Poly(ADP-Ribose) Polymerase (PARP) in Circulatory Shock and Related Pathological Conditions. Cardiovascular Toxicology, 2017, 17, 373-383.	1.1	16
22	Peroxynitrite-induced structural perturbations in human IgG: A physicochemical study. Archives of Biochemistry and Biophysics, 2016, 603, 72-80.	1.4	9
23	Circulating autoantibodies in cancer patients have high specificity for glycoxidation modified histone H2A. Clinica Chimica Acta, 2016, 453, 48-55.	0.5	13
24	Neo-epitopes on methylglyoxal modified human serum albumin lead to aggressive autoimmune response in diabetes. International Journal of Biological Macromolecules, 2016, 86, 799-809.	3.6	19
25	Immunochemical studies on HNE-modified HSA: Anti-HNEâ€“HSA antibodies as a probe for HNE damaged albumin in SLE. International Journal of Biological Macromolecules, 2016, 86, 145-154.	3.6	18
26	Neo-epitopes on crotonaldehyde modified DNA preferably recognize circulating autoantibodies in cancer patients. Tumor Biology, 2016, 37, 1817-1824.	0.8	10
27	Structural changes in histone H2A by methylglyoxal generate highly immunogenic amorphous aggregates with implications in auto-immune response in cancer. Glycobiology, 2016, 26, 129-141.	1.3	28
28	Immunoâ€chemistry of hydroxyl radical modified <scp>GAD</scp>â€65: A possible role in experimental and human diabetes mellitus. IUBMB Life, 2015, 67, 746-756.	1.5	11
29	A clinical correlation of anti-DNA-AGE autoantibodies in type 2 diabetes mellitus with disease duration. Cellular Immunology, 2015, 293, 74-79.	1.4	8
30	Glycoxidation of histone proteins in autoimmune disorders. Clinica Chimica Acta, 2015, 450, 25-30.	0.5	18
31	Pathophysiological Role of Peroxynitrite Induced DNA Damage in Human Diseases: A Special Focus on Poly(ADP-ribose) Polymerase (PARP). Indian Journal of Clinical Biochemistry, 2015, 30, 368-385.	0.9	49
32	Fructosylation generates neoâ€epitopes on human serum albumin. IUBMB Life, 2015, 67, 338-347.	1.5	17
33	Human DNA damage by the synergistic action of 4â€aminobiphenyl and nitric oxide: An immunochemical study. Environmental Toxicology, 2014, 29, 568-576.	2.1	31
34	Studies on peroxynitrite-modified H1 histone: Implications in systemic lupus erythematosus. Biochimie, 2014, 97, 104-113.	1.3	24
35	Genotoxicity and immunogenicity of crotonaldehyde modified human DNA. International Journal of Biological Macromolecules, 2014, 65, 471-478.	3.6	10
36	Fine characterization of glucosylated human IgG by biochemical and biophysical methods. International Journal of Biological Macromolecules, 2014, 69, 408-415.	3.6	39

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37	Characterization of hydroxyl radical modified GAD₆₅: A potential autoantigen in type 1 diabetes. Autoimmunity, 2009, 42, 150-158.	1.2	36
38	Recognition of Human Anti-DNA Autoantibodies by Secretory Antigen 85 Complex of Mycobacterium Tuberculosis H37Rv. World Journal of Microbiology and Biotechnology, 2004, 20, 383-387.	1.7	0
39	Binding of naturally occurring anti-DNA antibodies to estradiol. IUBMB Life, 1998, 45, 511-518.	1.5	2
40	SLE autoantibodies binding to native calf thymus DNA brominated in high salt. Lupus, 1998, 7, 524-529.	0.8	2
41	Sle autoantibodies recognize spermine induced Zâ€conformation of native calf thymus DNA. IUBMB Life, 1996, 40, 787-797.	1.5	2
42	SLE Anti-DNA Autoantibodies Binding Estradiol-Albumin-DNA Conjugate. Lupus, 1994, 3, 43-46.	0.8	16
43	Calf Thymus DNA Exposed to Quinacrine at Physiological Temperatures and pH Acquires Immunogenicity: A Threat for Long Term Quinacrine Therapy. Indian Journal of Clinical Biochemistry, 0, , .	0.9	0