

# Zarina Arif

## List of Publications by Year in descending order

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35  
papers

362  
citations

932766

10  
h-index

839053

18  
g-index

35  
all docs

35  
docs citations

35  
times ranked

515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies on the synergistic action of methylglyoxal and peroxyxynitrite on structure and function of human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 67-80.	2.0	2
2	Attenuation of hyperglycemia and amadori products by aminoguanidine in alloxan-diabetic rabbits occurs via enhancement in antioxidant defenses and control of stress. <i>PLoS ONE</i> , 2022, 17, e0262233.	1.1	6
3	Therapeutic role of hesperidin in collagen-induced rheumatoid arthritis through antiglycation and antioxidant activities. <i>Cell Biochemistry and Function</i> , 2022, 40, 473-480.	1.4	6
4	Methylglyoxal-induces multiple stable changes in human serum albumin before forming nephrotoxic advanced glycation end-products: Injury demonstration in human embryonic kidney cells. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 252-263.	3.6	1
5	Nitroxidized-HSA induced oxidative damage in human erythrocytes: an ex vivo approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 918-927.	2.0	0
6	Carbamylation of human serum albumin generates high-molecular weight aggregates: fine characterization by multi-spectroscopic methods and electron microscopy. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2380-2388.	3.6	5
7	Impact of endogenous stress on albumin structure in systemic lupus erythematosus (SLE) patients. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 891-900.	3.6	0
8	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. <i>PLoS ONE</i> , 2019, 14, e0216736.	1.1	1
9	Nitroxidized-Albumin Advanced Glycation End Product and Rheumatoid Arthritis. <i>Archives of Rheumatology</i> , 2019, 34, 461-475.	0.3	10
10	Physicochemical characterization of carbamylated human serum albumin: an in vitro study. <i>RSC Advances</i> , 2019, 9, 36508-36516.	1.7	3
11	Inhibitory effect of silibinin on Amadori-albumin in diabetes mellitus: A multi-spectroscopic and biochemical approach. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 217-222.	2.0	2
12	A study on correlation between oxidative stress parameters and inflammatory markers in type 2 diabetic patients with kidney dysfunction in north Indian population. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4892-4902.	1.2	11
13	Role of Carbamylated Biomolecules in Human Diseases. <i>IUBMB Life</i> , 2018, 70, 267-275.	1.5	16
14	Hyperglycemia induced reactive species trigger structural changes in human serum albumin of type 1 diabetic subjects. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2141-2149.	3.6	7
15	SLE autoantibodies are well recognized by peroxyxynitrite-modified-HSA: Its implications in the pathogenesis of SLE. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 1240-1249.	3.6	9
16	Characterization of methylglyoxal-modified human IgG by physicochemical methods. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3172-3183.	2.0	2
17	Fructose-human serum albumin interaction undergoes numerous biophysical and biochemical changes before forming AGEs and aggregates. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 896-906.	3.6	11
18	Methylglyoxal produces more changes in biochemical and biophysical properties of human IgG under high glucose compared to normal glucose level. <i>PLoS ONE</i> , 2018, 13, e0191014.	1.1	12

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19	Effect of peroxynitrite on human serum albumin: a multi technique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 2066-2076.	2.0	6
20	Fructosylation induced structural changes in mammalian DNA examined by biophysical techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 171-176.	2.0	1
21	Non-enzymatic glucosylation induced neo-epitopes on human serum albumin: A concentration based study. <i>PLoS ONE</i> , 2017, 12, e0172074.	1.1	6
22	Anti-arthritis and cardioprotective action of hesperidin and daidzein in collagen-induced rheumatoid arthritis. <i>Molecular and Cellular Biochemistry</i> , 2016, 423, 115-127.	1.4	34
23	Elucidating the impact of glucosylation on human serum albumin: A multi-technique approach. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 881-891.	3.6	7
24	Hyperglycemia induced structural and functional changes in human serum albumin of diabetic patients: a physico-chemical study. <i>Molecular BioSystems</i> , 2016, 12, 2481-2489.	2.9	23
25	Peroxynitrite-induced structural perturbations in human IgG: A physicochemical study. <i>Archives of Biochemistry and Biophysics</i> , 2016, 603, 72-80.	1.4	9
26	A clinical correlation of anti-DNA-AGE autoantibodies in type 2 diabetes mellitus with disease duration. <i>Cellular Immunology</i> , 2015, 293, 74-79.	1.4	8
27	Glycated-H2A histone is better bound by serum anti-DNA autoantibodies in SLE patients: Glycated-histones as likely trigger for SLE?. <i>Autoimmunity</i> , 2015, 48, 19-28.	1.2	18
28	Studies on peroxynitrite-modified H1 histone: Implications in systemic lupus erythematosus. <i>Biochimie</i> , 2014, 97, 104-113.	1.3	24
29	Fine characterization of glucosylated human IgG by biochemical and biophysical methods. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 408-415.	3.6	39
30	Binding of circulating autoantibodies in breast cancer to native and peroxynitrite-modified RNA. <i>Journal of Zhejiang University: Science B</i> , 2013, 14, 40-46.	1.3	3
31	Structural and immunological characterization of Amadori-rich human serum albumin: Role in diabetes mellitus. <i>Archives of Biochemistry and Biophysics</i> , 2012, 522, 17-25.	1.4	46
32	Antigenicity of Poly(dA-dT)-Poly(dA-dT) Photocrosslinked with 8-Methoxypsoralen. <i>Archives of Biochemistry and Biophysics</i> , 1996, 329, 191-198.	1.4	22
33	Nucleic acid-8-methoxypsoralen crosslinks bind monoclonal anti-Z-DNA antibody. <i>IUBMB Life</i> , 1996, 40, 871-879.	1.5	2
34	Autoantibodies-Like Antigen Binding Characteristics of Induced Antibodies Against Polylysine-Polyglutamate Complex. <i>Autoimmunity</i> , 1994, 19, 7-14.	1.2	4
35	Peroxynitrite-modified H3 Histone is Highly Immunogenic and Binds Circulating SLE Autoantibodies Better than Native DNA. <i>American Journal of Biomedical Sciences</i> , 0, , 69-79.	0.2	6