

# Haseeb Ahsan

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

5,194  
citations

218381

26  
h-index

88477

70  
g-index

75  
all docs

75  
docs citations

75  
times ranked

8917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive oxygen species: role in the development of cancer and various chronic conditions. <i>Journal of Carcinogenesis</i> , 2006, 5, 14.	2.5	1,155
2	Role of Bcl-2 family proteins and caspases in the regulation of apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2011, 351, 41-58.	1.4	742
3	The mystery of BCL2 family: Bcl-2 proteins and apoptosis: an update. <i>Archives of Toxicology</i> , 2015, 89, 289-317.	1.9	523
4	Alpha $\beta$ 2-microglobulin: A physiological guardian. <i>Journal of Cellular Physiology</i> , 2013, 228, 1665-1675.	2.0	273
5	Pro-oxidant, anti-oxidant and cleavage activities on DNA of curcumin and its derivatives demethoxycurcumin and bisdemethoxycurcumin. <i>Chemico-Biological Interactions</i> , 1999, 121, 161-175.	1.7	244
6	Pharmacological potential of tocotrienols: a review. <i>Nutrition and Metabolism</i> , 2014, 11, 52.	1.3	220
7	Understanding oxidants and antioxidants: Classical team with new players. <i>Journal of Food Biochemistry</i> , 2020, 44, e13145.	1.2	214
8	3-Nitrotyrosine: A biomarker of nitrogen free radical species modified proteins in systemic autoimmune conditions. <i>Human Immunology</i> , 2013, 74, 1392-1399.	1.2	189
9	Strand scission in DNA induced by curcumin in the presence of Cu(II). <i>Cancer Letters</i> , 1998, 124, 23-30.	3.2	156
10	A review of characterization of tocotrienols from plant oils and foods. <i>Journal of Chemical Biology</i> , 2015, 8, 45-59.	2.2	104
11	Sanguinarine induces apoptosis of human pancreatic carcinoma AsPC-1 and BxPC-3 cells via modulations in Bcl-2 family proteins. <i>Cancer Letters</i> , 2007, 249, 198-208.	3.2	102
12	Biochemical and cellular toxicology of peroxynitrite: implications in cell death and autoimmune phenomenon. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 388-396.	1.1	99
13	Diabetic retinopathy â€“ Biomolecules and multiple pathophysiology. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2015, 9, 51-54.	1.8	87
14	Biomarkers of inflammation and oxidative stress in ophthalmic disorders. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 257-271.	0.5	76
15	Prophylactic effect of baicalein against renal dysfunction in type 2 diabetic rats. <i>Biochimie</i> , 2014, 106, 101-110.	1.3	57
16	Combination of vitamin E and selenium causes an induction of apoptosis of human prostate cancer cells by enhancing Bax/Bcl-2 ratio. <i>Prostate</i> , 2008, 68, 1624-1634.	1.2	53
17	(-)-Epigallocatechin-3-gallate (EGCG) sensitizes melanoma cells to interferon induced growth inhibition in a mouse model of human melanoma. <i>Cell Cycle</i> , 2009, 8, 2057-2063.	1.3	53
18	Peroxynitrite: cellular pathology and implications in autoimmunity. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 123-138.	0.5	51

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19	Protective effects of tocotrienols against lipid-induced nephropathy in experimental type-2 diabetic rats by modulation in TGF- $\beta$ 2 expression. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 314-324.	1.3	48
20	Gallic acid ameliorates renal functions by inhibiting the activation of p38 MAPK in experimentally induced type 2 diabetic rats and cultured rat proximal tubular epithelial cells. <i>Chemico-Biological Interactions</i> , 2015, 240, 292-303.	1.7	47
21	Reactive oxygen species and anti-proteinases. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 1-7.	1.0	46
22	Potential applications of bacterial cellulose and its composites for cancer treatment. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 301-309.	3.6	45
23	Recent Molecular Mechanisms and Beneficial Effects of Phytochemicals and Plant-Based Whole Foods in Reducing LDL-C and Preventing Cardiovascular Disease. <i>Antioxidants</i> , 2021, 10, 784.	2.2	39
24	Protective Effect of Sanguinarine on Ultraviolet B-mediated Damages in SKH-1 Hairless Mouse Skin: Implications for Prevention of Skin Cancer. <i>Photochemistry and Photobiology</i> , 2007, 83, 986-993.	1.3	33
25	Human papillomavirus: current status and issues of vaccination. <i>Archives of Virology</i> , 2014, 159, 199-205.	0.9	32
26	Role of peroxynitrite-modified biomolecules in the etiopathogenesis of systemic lupus erythematosus. <i>Clinical and Experimental Medicine</i> , 2014, 14, 1-11.	1.9	31
27	Appraisal of anti-arthritis and nephroprotective potential of <i>Cuscuta reflexa</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 792-798.	1.3	29
28	Ultraviolet B exposure activates Stat3 signaling via phosphorylation at tyrosine705 in skin of SKH1 hairless mouse: A target for the management of skin cancer?. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 241-246.	1.0	26
29	The biomolecules of beauty: biochemical pharmacology and immunotoxicology of cosmeceuticals. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 91-108.	0.5	26
30	Insight into the interactions of proteinase inhibitor- alpha-2-macroglobulin with hypochlorite. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 401-406.	3.6	24
31	Tocotrienols have a nephroprotective action against lipid-induced chronic renal dysfunction in rats. <i>Renal Failure</i> , 2015, 37, 136-143.	0.8	22
32	Singlet oxygen species and systemic lupus erythematosus: a brief review. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 343-349.	0.5	21
33	Identification of a new alpha-2-macroglobulin: Multi-spectroscopic and isothermal titration calorimetry study. <i>International Journal of Biological Macromolecules</i> , 2016, 83, 366-375.	3.6	20
34	Monoplex and multiplex immunoassays: approval, advancements, and alternatives. <i>Comparative Clinical Pathology</i> , 2022, 31, 333-345.	0.3	20
35	Interaction of anti-cancer drug-cisplatin with major proteinase inhibitor-alpha-2-macroglobulin: Biophysical and thermodynamic analysis. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 721-727.	3.6	19
36	Ras-Mediated Activation of NF- $\kappa$ B and DNA Damage Response in Carcinogenesis. <i>Cancer Investigation</i> , 2020, 38, 185-208.	0.6	16

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37	Biochemical Evaluation of Human DNA-Lysine Photoadduct Treated with Peroxynitrite. <i>Toxicology Mechanisms and Methods</i> , 2008, 18, 589-595.	1.3	14
38	Spectroscopic and thermodynamic studies on ferulic acid $\alpha$ -2-macroglobulin interaction. <i>Journal of Molecular Structure</i> , 2017, 1144, 254-259.	1.8	14
39	Exploring the interaction of anti-androgen drug-bicalutamide with human alpha-2-macroglobulin: A biophysical investigation. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2285-2292.	3.6	14
40	The significance of complex polysaccharides in personal care formulations. <i>Journal of Carbohydrate Chemistry</i> , 2019, 38, 213-233.	0.4	14
41	An Update on the Role of Dietary Phytochemicals in Human Skin Cancer: New Insights into Molecular Mechanisms. <i>Antioxidants</i> , 2020, 9, 916.	2.2	14
42	Biophysical analysis of interaction between curcumin and alpha-2-macroglobulin. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 385-390.	3.6	13
43	Deciphering the binding of dutasteride with human alpha-2-macroglobulin: Molecular docking and calorimetric approach. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1081-1089.	3.6	13
44	Conformational behavior of alpha-2-macroglobulin: Aggregation and inhibition induced by TFE. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 539-546.	3.6	12
45	Selfie: Autoimmunity, boon or bane. <i>Journal of Immunoassay and Immunochemistry</i> , 2017, 38, 235-246.	0.5	11
46	Chemotherapeutic Drugs and Plasma Proteins: Exploring New Dimensions. <i>Current Protein and Peptide Science</i> , 2018, 19, 937-947.	0.7	10
47	Understanding the binding interaction between methotrexate and human alpha-2-macroglobulin: Multi-spectroscopic and computational investigation. <i>Archives of Biochemistry and Biophysics</i> , 2019, 675, 108118.	1.4	10
48	Immunopharmacology and immunopathology of peptides and proteins in personal products. <i>Journal of Immunoassay and Immunochemistry</i> , 2019, 40, 439-447.	0.5	10
49	Polydeoxyribonucleotide C photoconjugated with lysine or arginine present unique epitopes for human anti-DNA autoantibodies. <i>Human Immunology</i> , 2003, 64, 880-886.	1.2	9
50	Quercetin-induced inactivation and conformational alterations of alpha-2-macroglobulin: multi-spectroscopic and calorimetric study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4107-4118.	2.0	8
51	Dual autoimmune diseases: Rheumatoid arthritis with systemic lupus erythematosus and Type 1 diabetes mellitus with multiple sclerosis. <i>Rheumatology &amp; Autoimmunity</i> , 2022, 2, 120-128.	0.3	8
52	Bilirubin binding affects the structure and function of alpha-2-macroglobulin. <i>Journal of Immunoassay and Immunochemistry</i> , 2020, 41, 841-851.	0.5	7
53	Inactivation of Alpha-2-Macroglobulin by Photo-Illuminated Gallic Acid. <i>Journal of Fluorescence</i> , 2019, 29, 969-979.	1.3	6
54	Interaction of organophosphate pesticide chlorpyrifos with alpha-2-macroglobulin: Biophysical and molecular docking approach. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 138-153.	0.5	6

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55	Significance of Green Synthetic Chemistry from a Pharmaceutical Perspective. <i>Current Pharmaceutical Design</i> , 2020, 26, 5767-5782.	0.9	6
56	Analysis of Human DNA-Arginine Photoadduct Modified with Peroxynitrite. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2012, 31, 377-387.	0.4	5
57	Characterization of Human Serum Immunoglobulin G Modified with Singlet Oxygen. <i>Indian Journal of Clinical Biochemistry</i> , 2014, 29, 63-68.	0.9	5
58	Nephroprotective potential of <i>Quercus infectoria</i> galls against experimentally induced diabetic nephropathy in rats through inhibition of renal oxidative stress and TGF- $\beta$ 2. <i>Animal Cells and Systems</i> , 2016, 20, 193-202.	0.8	5
59	Investigating hydrogen peroxide induced damage to alpha-2-macroglobulin: Biophysical and thermodynamic study. <i>Journal of Molecular Structure</i> , 2019, 1195, 904-913.	1.8	5
60	Comprehensive insight into the molecular interaction of an anticancer drug-ifosfamide with human alpha-2-macroglobulin: biophysical and <i>in silico</i> studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3907-3916.	2.0	5
61	Interaction of Human Alpha-2-Macroglobulin with Pesticide Aldicarb Using Spectroscopy and Molecular Docking. <i>Protein and Peptide Letters</i> , 2021, 28, 315-322.	0.4	4
62	Biochemical and toxicological analysis of <i>Cinnamomum tamala</i> essential oil in Wistar rats. <i>Journal of Food Processing and Preservation</i> , 2020, 44, e14328.	0.9	3
63	The emergence of Covid-19: evolution from endemic to pandemic. <i>Journal of Immunoassay and Immunochemistry</i> , 2022, 43, 22-32.	0.5	3
64	Nitrite, a Reactive Nitrogen Species, Protects Human Alpha-2-Macroglobulin from Halogenated Oxidant, HOCl. <i>Protein Journal</i> , 2010, 29, 276-282.	0.7	2
65	Amino acid arginine and adducts: autoimmune activity. <i>Journal of Immunoassay and Immunochemistry</i> , 2018, 39, 577-594.	0.5	2
66	Characterization of the binding between anti-tumor drug 5-fluorouracil and human alpha-2-macroglobulin: spectroscopic and molecular docking analyses. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7949-7959.	2.0	2
67	An Overview About the Role of Adaptive Immunity in Keeping SARS-CoV-2 Reinfections at Bay. <i>Viral Immunology</i> , 2021, 34, 588-596.	0.6	2
68	Rhupus: dual rheumatic disease. <i>Journal of Immunoassay and Immunochemistry</i> , 2022, 43, 119-128.	0.5	2
69	Influence of Ascorbic Acid on the Structure and Function of Alpha-2- macroglobulin: Investigations using Spectroscopic and Thermodynamic Techniques. <i>Protein and Peptide Letters</i> , 2020, 27, 201-209.	0.4	2
70	Peroxynitrite-Mediated Structural Changes in Histone H2A: Biochemical and Biophysical Analysis. <i>Protein and Peptide Letters</i> , 2020, 27, 989-998.	0.4	2
71	Potential benefits of arginine formulation in oral health care products. <i>Oral Science International</i> , 2019, 16, 130-137.	0.3	1
72	Dietary Carbohydrates - Requirement and Recommendation in the Human Diet. <i>Current Nutrition and Food Science</i> , 2021, 17, .	0.3	1

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73	An overview of Covid-19 pandemic: immunology and pharmacology. Journal of Immunoassay and Immunochemistry, 2021, 42, 493-512.	0.5	1
74	Pesticides and plasma proteins: unexplored dimensions in neurotoxicity. International Journal of Pest Management, 2023, 69, 278-287.	0.9	1