

# Shamshad Zarina

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

560  
citations

687220

13  
h-index

642610

23  
g-index

46  
all docs

46  
docs citations

46  
times ranked

901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of anti-EGFR potential of quinazoline derivatives using molecular docking: An <i>in silico</i> approach. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 1226-1237.	1.4	9
2	Prenatal diagnosis of maternal serum from mothers carrying $\beta$ -thalassemic fetus. <i>Pediatrics International</i> , 2022, 64, .	0.2	1
3	Antioxidant Activity and Oxidative Stress Status in Maternal Serum of $\beta$ -thalassemic Mothers Carrying $\beta$ -thalassemic Major and Normal Fetuses. <i>Fetal and Pediatric Pathology</i> , 2021, 40, 563-570.	0.4	0
4	Serum HSP90-Alpha and Oral Squamous Cell Carcinoma : A Prospective Biomarker. <i>Protein and Peptide Letters</i> , 2021, 28, .	0.4	5
5	Differential effects of memory enhancing and impairing doses of methylphenidate on serotonin metabolism and 5-HT1A, GABA, glutamate receptor expression in the rat prefrontal cortex. <i>Biochimie</i> , 2021, 191, 51-61.	1.3	4
6	Oxidative Stress Induced Cell Cycle Arrest: Potential Role of PRX-2 and GSTP-1 as Therapeutic Targets in Hepatocellular Carcinoma. <i>Protein and Peptide Letters</i> , 2021, 28, 1323-1329.	0.4	2
7	Identification of Differentially Expressed Proteins from Smokeless Tobacco Addicted Patients Suffering from Oral Squamous Cell Carcinoma. <i>Pathology and Oncology Research</i> , 2020, 26, 1489-1497.	0.9	4
8	Application of an integrated cheminformatics-molecular docking approach for discovery for physicochemically similar analogs of fluoroquinolones as putative HCV inhibitors. <i>Computational Biology and Chemistry</i> , 2020, 84, 107167.	1.1	4
9	Identification of GIMAP7 and Rab13 as Putative Biomarkers for Oral Squamous Cell Carcinoma Through Comparative Proteomic Approach. <i>Pathology and Oncology Research</i> , 2020, 26, 1817-1822.	0.9	8
10	Therapeutic effect of hydrogen peroxide via altered expression of glutathione S-transferase and peroxiredoxin-2 in hepatocellular carcinoma. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2020, 19, 258-265.	0.6	5
11	Varlitinib Mediates Its Activity Through Down Regulating MAPK/EGFR Pathway in Oral Cancer. <i>Current Proteomics</i> , 2020, 17, 51-58.	0.1	1
12	Inhibition of USP2 Induces Apoptosis through Down Regulation of Fatty Acid Synthase and Cyclin D1 in Triple Negative Breast Cancer. <i>Current Proteomics</i> , 2020, 17, 425-432.	0.1	0
13	Association of PON2 and PON3 polymorphism with risk of developing cataract. <i>Saudi Journal of Ophthalmology</i> , 2019, 33, 153-158.	0.3	4
14	Pharmacoproteomics Profiling of Plasma From $\beta$ -Thalassemia Patients in Response to Hydroxyurea Treatment. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 98-106.	1.0	14
15	Assessment of Anticancer Effect of Alendronate in Breast Cancer: An In vitro Study. <i>Journal of Biotechnology and Biomedical Science</i> , 2019, 2, 1-7.	0.6	5
16	Alendronate and FTI-277 combination as a possible therapeutic approach for hepatocellular carcinoma: An in vitro study. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2018, 17, 241-250.	0.6	1
17	Two for one: Viral helicases as an ideal target for HIV and HCV co-infection. <i>Medical Hypotheses</i> , 2018, 116, 139-140.	0.8	1
18	Simian Virus 40 Large T Antigen as a Model to Test the Efficacy of Fluoroquinolones against Viral Helicases. <i>Bioinformatics</i> , 2018, 14, 75-79.	0.2	2

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19	Differential hemoglobin A sequestration between hemodialysis modalities. <i>Biomolecular Concepts</i> , 2017, 8, 125-129.	1.0	3
20	New anthrabin acyl derivatives as butyrylcholinesterase inhibitors: synthesis, in vitro and in silico studies. <i>Heliyon</i> , 2017, 3, e00350.	1.4	3
21	Serum Paraoxonase Activity and Malondialdehyde Serum Concentrations Remain Unaffected in Response to Hydroxyurea Therapy in $\beta^0/\beta^0$ -Thalassemia Patients. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 869-874.	1.0	9
22	The Primary Structure of $\beta^0$ -Chain of Hemoglobin from Snake Sindhi Krait ( <i>Bungarus sindanus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.7	0
23	Oral squamous cell carcinoma: Key clinical questions, biomarker discovery, and the role of proteomics. <i>Archives of Oral Biology</i> , 2016, 63, 53-65.	0.8	69
24	Q192R paraoxonase1 polymorphism is a risk factor for cataract in Pakistani population. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2016, 29, 765-71.	0.2	1
25	Effects of 5-azacytidine and alendronate on a hepatocellular carcinoma cell line: a proteomics perspective. <i>Molecular and Cellular Biochemistry</i> , 2015, 405, 53-61.	1.4	14
26	Complementary LC-MS/MS Proteomic Analysis of Uremic Plasma Proteins. <i>Journal of the College of Physicians and Surgeons--Pakistan: JCPSP</i> , 2015, 25, 606-9.	0.2	6
27	The Effect of Alendronate on Proteome of Hepatocellular Carcinoma Cell Lines. <i>International Journal of Proteomics</i> , 2014, 2014, 1-9.	2.0	12
28	Lactate Dehydrogenase Like Crystallin: A Potentially Protective Shield for Indian Spiny-Tailed Lizard ( <i>Uromastix hardwickii</i> ) Lens Against Environmental Stress?. <i>Protein Journal</i> , 2014, 33, 128-134.	0.7	4
29	Measurement of serum paraoxonase activity and MDA concentrations in patients suffering with oral squamous cell carcinoma. <i>Clinica Chimica Acta</i> , 2014, 430, 38-42.	0.5	35
30	Use of the SYBR Green dye for measuring helicase activity. <i>Enzyme and Microbial Technology</i> , 2013, 52, 196-198.	1.6	4
31	Evolutionary journey of the Gc protein (vitamin D-binding protein) across vertebrates. <i>Intrinsically Disordered Proteins</i> , 2013, 1, e27450.	1.9	2
32	Osmotic stress induced oxidative damage: Possible mechanism of cataract formation in diabetes. <i>Journal of Diabetes and Its Complications</i> , 2012, 26, 275-279.	1.2	59
33	Distribution of biological databases over low-bandwidth networks. <i>Bioinformatics</i> , 2012, 8, 239-242.	0.2	0
34	Docking and molecular dynamics simulation studies on glycation-induced conformational changes of human paraoxonase 1. <i>European Biophysics Journal</i> , 2012, 41, 241-248.	1.2	13
35	Advanced glycation end products in diabetic and non-diabetic human subjects suffering from cataract. <i>Age</i> , 2011, 33, 377-384.	3.0	64
36	Template-based structure prediction and molecular dynamics simulation study of two mammalian Aspartyl-tRNA synthetases. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 28, 401-412.	1.3	4

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37	Expression and activity of paraoxonase 1 in human cataractous lens tissue. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1089-1095.	1.3	18
38	Proteome Patterns in Uremic Plasma. <i>Blood Purification</i> , 2008, 26, 561-568.	0.9	13
39	Assessment of paraoxonase activity and lipid peroxidation levels in diabetic and senile subjects suffering from cataract. <i>Clinical Biochemistry</i> , 2007, 40, 705-709.	0.8	27
40	Antioxidant markers in human senile and diabetic cataractous lenses. <i>Journal of the College of Physicians and Surgeons–Pakistan: JCPSP</i> , 2006, 16, 637-40.	0.2	12
41	Homology modeling of $\gamma$ -crystallin from bullfrog ( <i>Rana catesbeiana</i> ) lens. <i>Journal of Molecular Graphics and Modelling</i> , 2004, 22, 285-291.	1.3	1
42	alpha-Crystallin chaperone function in diabetic rat and human lenses. <i>Molecular and Cellular Biochemistry</i> , 2002, 229, 113-118.	1.4	31
43	Advanced glycation end products in human senile and diabetic cataractous lenses. <i>Molecular and Cellular Biochemistry</i> , 2000, 210, 29-34.	1.4	56
44	Three-dimensional model and quaternary structure of the human eye lens protein $\beta$ -crystallin based on $\alpha$ - and $\beta$ -crystallin X-ray coordinates and ultracentrifugation. <i>Protein Science</i> , 1994, 3, 1840-1846.	3.1	29
45	Cataractous lens and its environment. <i>Pure and Applied Chemistry</i> , 1994, 66, 111-115.	0.9	1