

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	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
2	Advanced glycation end products in diabetic and non-diabetic human subjects suffering from cataract. <i>Age</i> , 2011, 33, 377-384.	3.0	64
3	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
4	Advanced glycation end products in human senile and diabetic cataractous lenses. <i>Molecular and Cellular Biochemistry</i> , 2000, 210, 29-34.	1.4	56
5	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
6	alpha-Crystallin chaperone function in diabetic rat and human lenses. <i>Molecular and Cellular Biochemistry</i> , 2002, 229, 113-118.	1.4	31
7	Three-dimensional model and quaternary structure of the human eye lens protein β -crystallin based on β - and β -crystallin X-ray coordinates and ultracentrifugation. <i>Protein Science</i> , 1994, 3, 1840-1846.	3.1	29
8	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
9	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
10	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
11	Pharmacoproteomics Profiling of Plasma From β -Thalassemia Patients in Response to Hydroxyurea Treatment. <i>Journal of Clinical Pharmacology</i> , 2019, 59, 98-106.	1.0	14
12	Proteome Patterns in Uremic Plasma. <i>Blood Purification</i> , 2008, 26, 561-568.	0.9	13
13	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
14	The Effect of Alendronate on Proteome of Hepatocellular Carcinoma Cell Lines. <i>International Journal of Proteomics</i> , 2014, 2014, 1-9.	2.0	12
15	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
16	Serum Paraoxonase Activity and Malondialdehyde Serum Concentrations Remain Unaffected in Response to Hydroxyurea Therapy in β -Thalassemia Patients. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 869-874.	1.0	9
17	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
18	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

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19	Complementary LC-MS/MS Proteomic Analysis of Uremic Plasma Proteins. Journal of the College of Physicians and Surgeons--Pakistan: JCPSP, 2015, 25, 606-9.	0.2	6
20	Therapeutic effect of hydrogen peroxide via altered expression of glutathione S-transferase and peroxiredoxin-2 in hepatocellular carcinoma. Hepatobiliary and Pancreatic Diseases International, 2020, 19, 258-265.	0.6	5
21	Serum HSP90-Alpha and Oral Squamous Cell Carcinoma : A Prospective Biomarker. Protein and Peptide Letters, 2021, 28, .	0.4	5
22	Assessment of Anticancer Effect of Alendronate in Breast Cancer: An In vitro Study. Journal of Biotechnology and Biomedical Science, 2019, 2, 1-7.	0.6	5
23	Template-based structure prediction and molecular dynamics simulation study of two mammalian Aspartyl-tRNA synthetases. Journal of Molecular Graphics and Modelling, 2010, 28, 401-412.	1.3	4
24	Use of the SYBR Green dye for measuring helicase activity. Enzyme and Microbial Technology, 2013, 52, 196-198.	1.6	4
25	Lactate Dehydrogenase Like Crystallin: A Potentially Protective Shield for Indian Spiny-Tailed Lizard (Uromastix hardwickii) Lens Against Environmental Stress?. Protein Journal, 2014, 33, 128-134.	0.7	4
26	Association of PON2 and PON3 polymorphism with risk of developing cataract. Saudi Journal of Ophthalmology, 2019, 33, 153-158.	0.3	4
27	Identification of Differentially Expressed Proteins from Smokeless Tobacco Addicted Patients Suffering from Oral Squamous Cell Carcinoma. Pathology and Oncology Research, 2020, 26, 1489-1497.	0.9	4
28	Application of an integrated cheminformatics-molecular docking approach for discovery for physicochemically similar analogs of fluoroquinolones as putative HCV inhibitors. Computational Biology and Chemistry, 2020, 84, 107167.	1.1	4
29	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. Biochimie, 2021, 191, 51-61.	1.3	4
30	Differential hemoglobin A sequestration between hemodialysis modalities. Biomolecular Concepts, 2017, 8, 125-129.	1.0	3
31	New anthrabin acyl derivatives as butyrylcholinesterase inhibitors: synthesis, in vitro and in silico studies. Heliyon, 2017, 3, e00350.	1.4	3
32	Evolutionary journey of the Gc protein (vitamin D-binding protein) across vertebrates. Intrinsically Disordered Proteins, 2013, 1, e27450.	1.9	2
33	Simian Virus 40 Large T Antigen as a Model to Test the Efficacy of Fluoroquinolones against Viral Helicases. Bioinformatics, 2018, 14, 75-79.	0.2	2
34	Oxidative Stress Induced Cell Cycle Arrest: Potential Role of PRX-2 and GSTP-1 as Therapeutic Targets in Hepatocellular Carcinoma. Protein and Peptide Letters, 2021, 28, 1323-1329.	0.4	2
35	Cataractous lens and its environment. Pure and Applied Chemistry, 1994, 66, 111-115.	0.9	1
36	Homology modeling of γ -crystallin from bullfrog (Rana catesbeiana) lens. Journal of Molecular Graphics and Modelling, 2004, 22, 285-291.	1.3	1

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37	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
38	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
39	Prenatal diagnosis of maternal serum from mothers carrying β^0 -thalassemic fetus. <i>Pediatrics International</i> , 2022, 64, .	0.2	1
40	Varlitinib Mediates Its Activity Through Down Regulating MAPK/EGFR Pathway in Oral Cancer. <i>Current Proteomics</i> , 2020, 17, 51-58.	0.1	1
41	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
42	Distribution of biological databases over low-bandwidth networks. <i>Bioinformatics</i> , 2012, 8, 239-242.	0.2	0
43	The Primary Structure of β^I -Chain of Hemoglobin from Snake Sindhi Krait (<i>Bungarus sindanus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 107	0.7	0
44	Antioxidant Activity and Oxidative Stress Status in Maternal Serum of β^0 -thalassemic Mothers Carrying β^0 -thalassemic Major and Normal Fetuses. <i>Fetal and Pediatric Pathology</i> , 2021, 40, 563-570.	0.4	0
45	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