

# Abolfazl Golestani

## List of Publications by Year in descending order

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52  
papers

1,031  
citations

430874

18  
h-index

477307

29  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1447  
citing authors

#	ARTICLE	IF	CITATIONS
1	lncRNA involvement in hepatocellular carcinoma metastasis and prognosis. EXCLI Journal, 2018, 17, 900-913.	0.7	105
2	Protection by pentoxifylline of malathion-induced toxic stress and mitochondrial damage in rat brain. Human and Experimental Toxicology, 2010, 29, 851-864.	2.2	78
3	Resveratrol Ameliorates Palmitate-Induced Inflammation in Skeletal Muscle Cells by Attenuating Oxidative Stress and JNK/NF- $\kappa$ B Pathway in a SIRT1-Independent Mechanism. Journal of Cellular Biochemistry, 2017, 118, 2654-2663.	2.6	73
4	Extracellular NAMPT/Visfatin induces proliferation through ERK1/2 and AKT and inhibits apoptosis in breast cancer cells. Peptides, 2017, 92, 9-15.	2.4	56
5	Co-solvent mediated thermal stabilization of chondroitinase ABC I form <i>Proteus vulgaris</i> . International Journal of Biological Macromolecules, 2012, 50, 487-492.	7.5	40
6	Enhancement of thermal stability of chondroitinase ABC I by site-directed mutagenesis: An insight from Ramachandran plot. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 479-486.	2.3	40
7	Androgens stimulate telomerase expression, activity and phosphorylation in ovarian adenocarcinoma cells. Molecular and Cellular Endocrinology, 2010, 330, 10-16.	3.2	37
8	Palmitate and inflammatory state additively induce the expression of PTP1B in muscle cells. Biochemical and Biophysical Research Communications, 2010, 396, 467-471.	2.1	32
9	Extracellular NAMPT/visfatin causes p53 deacetylation via NAD production and SIRT1 activation in breast cancer cells. Cell Biochemistry and Function, 2017, 35, 327-333.	2.9	31
10	Reduced gene expression of sirtuins and active AMPK levels in children and adolescents with obesity and insulin resistance. Obesity Research and Clinical Practice, 2018, 12, 167-173.	1.8	31
11	Rigidifying flexible sites: An approach to improve stability of chondroitinase ABC I. International Journal of Biological Macromolecules, 2017, 97, 270-278.	7.5	30
12	Regulatory effect of triiodothyronine on brain myelination and astrogliosis after cuprizone-induced demyelination in mice. Metabolic Brain Disease, 2016, 31, 425-433.	2.9	28
13	Selenium and its relationship with selenoprotein P and glutathione peroxidase in children and adolescents with Hashimoto's thyroiditis and hypothyroidism. Journal of Trace Elements in Medicine and Biology, 2016, 34, 10-14.	3.0	26
14	Tumor-derived urinary exosomal long non-coding RNAs as diagnostic biomarkers for bladder cancer. EXCLI Journal, 2020, 19, 301-310.	0.7	24
15	Undergraduate medical education programme renewal: a longitudinal context, input, process and product evaluation study. Perspectives on Medical Education, 2016, 5, 15-23.	3.5	22
16	Evidence for the link between defective autophagy and inflammation in peripheral blood mononuclear cells of type 2 diabetic patients. Journal of Physiology and Biochemistry, 2018, 74, 369-379.	3.0	20
17	A study on OPG/RANK/RANKL axis in osteoporotic bile duct-ligated rats and the involvement of nitrgergic and opioidergic systems. Research in Pharmaceutical Sciences, 2018, 13, 239.	1.8	20
18	Beneficial effects of MnTBAP, a broad-spectrum reactive species scavenger, in rat renal ischemia/reperfusion injury. Clinical and Experimental Nephrology, 2005, 9, 212-218.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Expression optimization, purification, and functional characterization of cholesterol oxidase from <i>Chromobacterium</i> sp. DS1. <i>PLoS ONE</i> , 2019, 14, e0212217.	2.5	19
20	Interaction of hexokinase with the outer mitochondrial membrane and a hydrophobic matrix. <i>Molecular and Cellular Biochemistry</i> , 2001, 223, 81-87.	3.1	18
21	Critical Role of a Loop at C-Terminal Domain on the Conformational Stability and Catalytic Efficiency of Chondroitinase ABC I. <i>Molecular Biotechnology</i> , 2015, 57, 727-734.	2.4	18
22	Dose-dependent modulation of systemic lipid peroxidation and activity of anti-oxidant enzymes by vitamin E in the rat. <i>Redox Report</i> , 2008, 13, 60-66.	4.5	17
23	Improvement of activity and stability of Chondroitinase ABC I by introducing an aromatic cluster at the surface of protein. <i>Enzyme and Microbial Technology</i> , 2017, 105, 38-44.	3.2	16
24	Enhancing myelin repair in experimental model of multiple sclerosis using immobilized chondroitinase ABC I on porous silicon nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 146, 162-170.	7.5	16
25	Paradoxical dose- and time-dependent regulation of superoxide dismutase and antioxidant capacity by vitamin E in rat. <i>Clinica Chimica Acta</i> , 2006, 365, 153-159.	1.1	15
26	A study on the two binding sites of hexokinase on brain mitochondria. <i>BMC Biochemistry</i> , 2007, 8, 20.	4.4	15
27	Production of Ibuprofen-Loaded Solid Lipid Nanoparticles Using Rapid Expansion of Supercritical Solution. <i>Journal of Nano Research</i> , 0, 31, 15-29.	0.8	15
28	Nitregic and opioidergic systems affect radiographic density and histomorphometric indices in bile-duct-ligated cirrhotic rats. <i>Histology and Histopathology</i> , 2017, 32, 743-749.	0.7	14
29	Interaction of phosphodiesterase 5 inhibitor with malathion on rat brain mitochondrial-bound hexokinase activity. <i>Pesticide Biochemistry and Physiology</i> , 2009, 95, 121-125.	3.6	13
30	Optimization of conformational stability and catalytic efficiency in chondroitinase ABC I <sup>TM</sup> by protein engineering methods. <i>Engineering in Life Sciences</i> , 2016, 16, 690-696.	3.6	13
31	Improvement of proteolytic and oxidative stability of Chondroitinase ABC I by cosolvents. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 812-817.	7.5	13
32	Alteration in membrane protein, antioxidant status and hexokinase activity in erythrocytes of CCl <sub>4</sub> -induced cirrhotic rats. <i>Acta Medica Iranica</i> , 2014, 52, 795-803.	0.8	12
33	Erythrocytes Membrane Alterations Reflecting Liver Damage in CCl <sub>4</sub> -Induced Cirrhotic Rats: The Ameliorative Effect of Naltrexone. <i>Acta Medica Iranica</i> , 2016, 54, 631-639.	0.8	12
34	Leukocyte antigen-related inhibition attenuates palmitate-induced insulin resistance in muscle cells. <i>Journal of Endocrinology</i> , 2012, 215, 71-77.	2.6	11
35	Hexokinase 'binding sites' of normal and tumoral human brain mitochondria. <i>Molecular and Cellular Biochemistry</i> , 2000, 215, 115-121.	3.1	8
36	Expression optimization of recombinant cholesterol oxidase in <i>Escherichia coli</i> and its purification and characterization. <i>AMB Express</i> , 2018, 8, 183.	3.0	8

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37	Calcium and TNF $\alpha$ additively affect the chondroitinase ABC I activity. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1201-1206.	7.5	7
38	The influence of TRAIL, adiponectin and sclerostin alterations on bone loss in BDL-induced cirrhotic rats and the effect of opioid system blockade. <i>Life Sciences</i> , 2019, 233, 116706.	4.3	7
39	Investigating the role of loop 131-140 in activity and thermal stability of chondroitinase ABC I. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 811-816.	7.5	6
40	The emerging role of noncoding RNAs in neuroinflammation: Implications in pathogenesis and therapeutic approaches. <i>Journal of Cellular Physiology</i> , 2022, 237, 1206-1224.	4.1	6
41	Unfolding of chondroitinase ABC I <sup>TM</sup> is dependent on thermodynamic driving force by kinetically rate constant-amplitude compensation: A stopped-flow fluorescence study. <i>Enzyme and Microbial Technology</i> , 2016, 93-94, 200-206.	3.2	5
42	Role of His-His interaction in Ser474-His475-Tyr476 sequence of chondroitinase ABC I in the enzyme activity and stability. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 941-949.	7.5	5
43	A Comparison between the Effects of Albendazole and Mebendazole on the Enzymatic Activity of Excretory / Secretory Products of <i>Echinococcus granulosus</i> Protoscoleces in Vitro. <i>Iranian Journal of Public Health</i> , 2016, 45, 223-9.	0.5	5
44	Establishment of Aromatic Pairs at the Surface of Chondroitinase ABC I: the Effect on Activity and Stability. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 358-370.	2.9	4
45	Chondrotinase ABC I thermal stability is enhanced by site-directed mutagenesis: a molecular dynamic simulations approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 679-688.	3.5	4
46	A novel approach to type 3 diabetes mechanism: The interplay between noncoding RNAs and insulin signaling pathway in Alzheimer's disease. <i>Journal of Cellular Physiology</i> , 2022, 237, 2838-2861.	4.1	4
47	Effects of Heating and Acidic Solutions of Vinegar and Oxymel on Milk Coagulation for Identification and Quantification of Resulting $\alpha$ -Lactalbumin and $\beta$ -Lactoglobulin Proteins in the Final Whey Product. <i>Analytical Chemistry Letters</i> , 2015, 5, 12-20.	1.0	3
48	Naltrexone protects against BDL-induced cirrhosis in Wistar rats by attenuating thrombospondin-1 and enhancing antioxidant defense system via Nrf-2. <i>Life Sciences</i> , 2022, 300, 120576.	4.3	3
49	Protein Detection of Excretory-Secretory Products and Somatic Extracts from <i>Fasciola hepatica</i> and <i>F. gigantica</i> Using Two-Dimensional Electrophoresis. <i>Iranian Journal of Parasitology</i> , 0, , .	0.6	2
50	Protein Detection of Excretory-Secretory Products and Somatic Extracts from and Using Two-Dimensional Electrophoresis. <i>Iranian Journal of Parasitology</i> , 2019, 14, 379-386.	0.6	2
51	Improvement of thermostability of cholesterol oxidase from streptomycetes Sp. SA-COO by random mutagenesis. <i>Protein Expression and Purification</i> , 2022, 191, 106028.	1.3	2
52	N $\alpha$ -T89 and C $\alpha$ -T274 Truncated Enzymes of Chondroitinase ABC I Regain More Imperturbable Microenvironments Around Structural Components in Comparison to their Wild Type. <i>Protein Journal</i> , 2019, 38, 151-159.	1.6	1