Seyed Omid Ranaei-Siadat

List of Publications by Year
in descending order

29 papers	1,089 citations	687363 13 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	2032 citing authors

#	Article	IF	Citations
1	Expression of functional eGFP-fused antigen-binding fragment of ranibizumab in Pichia pastoris. BioImpacts, 2021, , .	1.5	1
2	Evaluation of Erythroferrone, Hepcidin, and Iron Overload Status in Iraqi Transfusion-Dependent Î²-Thalassemia Major Patients. Hemoglobin, 2020, 44, 272-277.	0.8	6
3	pMOX: a new powerful promoter for recombinant protein production in yeast Pichia pastoris. Enzyme and Microbial Technology, 2020, 139, 109582.	3.2	15
4	A novel thermostable alkaline histamine oxidase from Glutamicibacter sp. N1A3101, induced by histamine and its analogue betahistine. AMB Express, 2020, 10, 176.	3.0	5
5	Enhancing chimeric hydrophobin II-vascular endothelial growth factor A165 expression in Pichia pastoris and its efficient purification using hydrophobin counterpart. International Journal of Biological Macromolecules, 2019, 139, 1028-1034.	7.5	8
6	Improvement of Selenomonas ruminantium Î²-xylosidase thermal stability by replacing buried free cysteines via site directed mutagenesis. International Journal of Biological Macromolecules, 2019, 136, 352-358.	7.5	5
7	The effect of non-thermal atmospheric plasma on the production and activity of recombinant phytase enzyme. Scientific Reports, 2018, 8, 16647.	3.3	24
8	Disulfide bonds elimination of endoglucanase II from Trichoderma reesei by site-directed mutagenesis to improve enzyme activity and thermal stability: An experimental and theoretical approach. International Journal of Biological Macromolecules, 2018, 120, 1572-1580.	7.5	23
9	GO nanosheets localization by morphological study on PLA-GO electrospun nanocomposite nanofibers. Journal of Polymer Research, 2018, 25, 1.	2.4	16
10	Engineering disulfide bonds in Selenomonas ruminantium Î²-xylosidase by experimental and computational methods. International Journal of Biological Macromolecules, 2017, 95, 248-255.	7.5	14
11	Preparation and optimization of cellulase cocktail to improve the bioethanol process. Biofuels, 2017, 8, 291-296.	2.4	16
12	Recombinant Acetylcholinesterase purification and its interaction with silver nanoparticle. Protein Expression and Purification, 2017, 136, 58-65.	1.3	7
13	Cloning and high-level expression of Î²-xylosidase from Selenomonas ruminantium in Pichia pastoris by optimizing of pH, methanol concentration and temperature conditions. Protein Expression and Purification, 2016, 124, 55-61.	1.3	21
14	Cloning and expression of Saccharomyces cerevisiae SUC2 gene in yeast platform and characterization of recombinant enzyme biochemical properties. 3 Biotech, 2016, 6, 129.	2.2	8
15	Substrate affinity and catalytic efficiency are improved by decreasing glycosylation sites in Trichoderma reesei cellobiohydrolase I expressed in Pichia pastoris. Biotechnology Letters, 2016, 38, 483-488.	2.2	8
16	The effect of MWNTs concentration and nanofiber orientation on mechanical properties of PAA nanocomposite nanofibrous web. Polymer Composites, 2016, 37, 3149-3159.	4.6	11
17	Immobilization of acetylcholinesterase on electrospun poly(acrylic acid)/multi-walled carbon nanotube nanofibrous membranes. RSC Advances, 2015, 5, 42572-42579.	3.6	44
18	Optimizing the activity of immobilized phytase on starch blended polyacrylamide nanofibers-nanomembranes by response surface methodology. Fibers and Polymers, 2015, 16, 1048-1056.	2.1	7

#	Article	IF	Citations
19	Characterization and High Level Expression of Acidic Endoglucanase in Pichia pastoris. Applied Biochemistry and Biotechnology, 2014, 172, 2253-2265.	2.9	32
20	Morphological optimization of electrospun polyacrylamide/MWCNTs nanocomposite nanofibers using Taguchiâ€™s experimental design. International Journal of Advanced Manufacturing Technology, 2013, 69, 139-146.	3.0	20
21	Acetylcholinesterase Immobilization on Polyacrylamide/Functionalized Multi-walled Carbon Nanotube Nanocomposite Nanofibrous Membrane. Applied Biochemistry and Biotechnology, 2013, 170, 91-104.	2.9	12
22	Conferral of allostery to Thermus sp. GH5 methylglyoxal synthase by a single mutation. Journal of Biochemistry, 2012, 152, 531-538.	1.7	4
23	Manufacturing polymethyl methacrylate nanofibers as a support for enzyme immobilization. Fibers and Polymers, 2012, 13, 994-998.	2.1	11
24	Immobilization of acetylcholinesterase in nanofibrous PVA/BSA membranes by electrospinning. Engineering in Life Sciences, 2010, 10, 57-64.	3.6	52
25	A review on wound dressings with an emphasis on electrospun nanofibrous polymeric bandages. Polymers for Advanced Technologies, 2010, 21, 77-95.	3.2	637
26	Covalent immobilization of Drosophila acetylcholinesterase for biosensor applications. Biotechnology and Applied Biochemistry, 2009, 52, 257.	3.1	10
27	Optimization of Peroxidase-Catalyzed Oxidative Coupling Process for Phenol Removal from Wastewater Using Response Surface Methodology. Environmental Science & Technology, 2007, 41, 7073-7079.	10.0	53
28	An Oral Delivery System for Insulin. Journal of Bioactive and Compatible Polymers, 2006, 21, 135-148.	2.1	11
29	Synthesis and characterization of new cross-linked terpolymer systems containing silyl group. Silicon Chemistry, 2006, 3, 51-58.	0.8	8