

# Seyed Omid Ranaei-Siadat

## List of Publications by Year in descending order

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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	A review on wound dressings with an emphasis on electrospun nanofibrous polymeric bandages. <i>Polymers for Advanced Technologies</i> , 2010, 21, 77-95.	3.2	637
2	Optimization of Peroxidase-Catalyzed Oxidative Coupling Process for Phenol Removal from Wastewater Using Response Surface Methodology. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7073-7079.	10.0	53
3	Immobilization of acetylcholinesterase in nanofibrous PVA/BSA membranes by electrospinning. <i>Engineering in Life Sciences</i> , 2010, 10, 57-64.	3.6	52
4	Immobilization of acetylcholinesterase on electrospun poly(acrylic acid)/multi-walled carbon nanotube nanofibrous membranes. <i>RSC Advances</i> , 2015, 5, 42572-42579.	3.6	44
5	Characterization and High Level Expression of Acidic Endoglucanase in <i>Pichia pastoris</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2253-2265.	2.9	32
6	The effect of non-thermal atmospheric plasma on the production and activity of recombinant phytase enzyme. <i>Scientific Reports</i> , 2018, 8, 16647.	3.3	24
7	Disulfide bonds elimination of endoglucanase II from <i>Trichoderma reesei</i> by site-directed mutagenesis to improve enzyme activity and thermal stability: An experimental and theoretical approach. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 1572-1580.	7.5	23
8	Cloning and high-level expression of $\beta$ -xylosidase from <i>Selenomonas ruminantium</i> in <i>Pichia pastoris</i> by optimizing of pH, methanol concentration and temperature conditions. <i>Protein Expression and Purification</i> , 2016, 124, 55-61.	1.3	21
9	Morphological optimization of electrospun polyacrylamide/MWCNTs nanocomposite nanofibers using Taguchi's experimental design. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 69, 139-146.	3.0	20
10	Preparation and optimization of cellulase cocktail to improve the bioethanol process. <i>Biofuels</i> , 2017, 8, 291-296.	2.4	16
11	GO nanosheets localization by morphological study on PLA-GO electrospun nanocomposite nanofibers. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	16
12	pMOX: a new powerful promoter for recombinant protein production in yeast <i>Pichia pastoris</i> . <i>Enzyme and Microbial Technology</i> , 2020, 139, 109582.	3.2	15
13	Engineering disulfide bonds in <i>Selenomonas ruminantium</i> $\beta$ -xylosidase by experimental and computational methods. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 248-255.	7.5	14
14	Acetylcholinesterase Immobilization on Polyacrylamide/Functionalized Multi-walled Carbon Nanotube Nanocomposite Nanofibrous Membrane. <i>Applied Biochemistry and Biotechnology</i> , 2013, 170, 91-104.	2.9	12
15	An Oral Delivery System for Insulin. <i>Journal of Bioactive and Compatible Polymers</i> , 2006, 21, 135-148.	2.1	11
16	Manufacturing polymethyl methacrylate nanofibers as a support for enzyme immobilization. <i>Fibers and Polymers</i> , 2012, 13, 994-998.	2.1	11
17	The effect of MWNTs concentration and nanofiber orientation on mechanical properties of PAA nanocomposite nanofibrous web. <i>Polymer Composites</i> , 2016, 37, 3149-3159.	4.6	11
18	Covalent immobilization of <i>Drosophila</i> acetylcholinesterase for biosensor applications. <i>Biotechnology and Applied Biochemistry</i> , 2009, 52, 257.	3.1	10

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19	Synthesis and characterization of new cross-linked terpolymer systems containing silyl group. <i>Silicon Chemistry</i> , 2006, 3, 51-58.	0.8	8
20	Cloning and expression of <i>Saccharomyces cerevisiae</i> SUC2 gene in yeast platform and characterization of recombinant enzyme biochemical properties. <i>3 Biotech</i> , 2016, 6, 129.	2.2	8
21	Substrate affinity and catalytic efficiency are improved by decreasing glycosylation sites in <i>Trichoderma reesei</i> cellobiohydrolase I expressed in <i>Pichia pastoris</i> . <i>Biotechnology Letters</i> , 2016, 38, 483-488.	2.2	8
22	Enhancing chimeric hydrophobin II-vascular endothelial growth factor A165 expression in <i>Pichia pastoris</i> and its efficient purification using hydrophobin counterpart. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 1028-1034.	7.5	8
23	Optimizing the activity of immobilized phytase on starch blended polyacrylamide nanofibers-nanomembranes by response surface methodology. <i>Fibers and Polymers</i> , 2015, 16, 1048-1056.	2.1	7
24	Recombinant Acetylcholinesterase purification and its interaction with silver nanoparticle. <i>Protein Expression and Purification</i> , 2017, 136, 58-65.	1.3	7
25	Evaluation of Erythroferrone, Heparin, and Iron Overload Status in Iraqi Transfusion-Dependent $\beta^2$ -Thalassemia Major Patients. <i>Hemoglobin</i> , 2020, 44, 272-277.	0.8	6
26	Improvement of <i>Selenomonas ruminantium</i> $\beta$ -xylosidase thermal stability by replacing buried free cysteines via site directed mutagenesis. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 352-358.	7.5	5
27	A novel thermostable alkaline histamine oxidase from <i>Glutamicibacter</i> sp. N1A3101, induced by histamine and its analogue betahistidine. <i>AMB Express</i> , 2020, 10, 176.	3.0	5
28	Conferral of allostery to <i>Thermus</i> sp. GH5 methylglyoxal synthase by a single mutation. <i>Journal of Biochemistry</i> , 2012, 152, 531-538.	1.7	4
29	Expression of functional eGFP-fused antigen-binding fragment of ranibizumab in <i>Pichia pastoris</i> . <i>BioImpacts</i> , 2021, , .	1.5	1