

# S Seyhan Tukul

## List of Publications by Year in descending order

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36  
papers

951  
citations

430874

18  
h-index

454955

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of catalase activity to Ag <sup>+</sup> , Cd <sup>2+</sup> , Cr <sup>6+</sup> , Cu <sup>2+</sup> and Zn <sup>2+</sup> in five tissues of freshwater fish <i>Oreochromis niloticus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 218-224.	2.6	128
2	Immobilization of catalase onto Eupergit C and its characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 64, 177-183.	1.8	76
3	Activity and storage stability of immobilized glucose oxidase onto magnesium silicate. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 35, 154-160.	1.8	71
4	Purification and characterization of lipase from <i>Spirulina platensis</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 64, 123-128.	1.8	57
5	Characterization and properties of catalase immobilized onto controlled pore glass and its application in batch and plug-flow type reactors. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 124-131.	1.8	47
6	Preparation of crosslinked enzyme aggregates (CLEA) of catalase and its characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 97, 252-257.	1.8	45
7	Effects of 1-methylcyclopropene (1-MCP) and modified atmosphere packaging on postharvest storage quality of nectarine fruit. <i>Scientia Horticulturae</i> , 2016, 198, 454-461.	3.6	45
8	Catalytic efficiency of immobilized glucose isomerase in isomerization of glucose to fructose. <i>Food Chemistry</i> , 2008, 111, 658-662.	8.2	42
9	Covalent immobilization of catalase onto spacer-arm attached modified florisol: Characterization and application to batch and plug-flow type reactor systems. <i>Enzyme and Microbial Technology</i> , 2011, 49, 547-554.	3.2	40
10	Effects of Lead on Na <sup>+</sup> -K <sup>+</sup> ATPase and Ca <sup>2+</sup> ATPase Activities and Lipid Peroxidation in Blood of Workers. <i>International Journal of Toxicology</i> , 2003, 22, 95-97.	1.2	27
11	Modified silicates and carbon nanotubes for immobilization of lipase from <i>Rhizomucor miehei</i> : Effect of support and immobilization technique on the catalytic performance of the immobilized biocatalysts. <i>Enzyme and Microbial Technology</i> , 2021, 144, 109739.	3.2	27
12	Simultaneous co-immobilization of glucose oxidase and catalase in their substrates. <i>Applied Biochemistry and Microbiology</i> , 2007, 43, 29-35.	0.9	26
13	Highly stable and reusable immobilized formate dehydrogenases: Promising biocatalysts for in situ regeneration of NADH. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 271-277.	2.2	25
14	Covalent immobilization of <i>Candida methylca</i> formate dehydrogenase on short spacer arm aldehyde group containing supports. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 130, 40-47.	1.8	25
15	Immobilization of pectinase on silica-based supports: Impacts of particle size and spacer arm on the activity. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 426-432.	7.5	25
16	Preparative-scale kinetic resolution of racemic styrene oxide by immobilized epoxide hydrolase. <i>Enzyme and Microbial Technology</i> , 2011, 49, 555-559.	3.2	24
17	Immobilization of xylanase on differently functionalized silica gel supports for orange juice clarification. <i>Process Biochemistry</i> , 2022, 113, 270-280.	3.7	21
18	Immobilized <i>Pseudomonas</i> sp. lipase: A powerful biocatalyst for asymmetric acylation of (±)-2-amino-1-phenylethanols with vinyl acetate. <i>Process Biochemistry</i> , 2013, 48, 819-830.	3.7	19

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19	Immobilized <i>Aspergillus niger</i> epoxide hydrolases: Cost-effective biocatalysts for the preparation of enantiopure styrene oxide, propylene oxide and epichlorohydrin. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 88, 84-90.	1.8	19
20	Tuning dimeric formate dehydrogenases reduction/oxidation activities by immobilization. <i>Process Biochemistry</i> , 2019, 85, 97-105.	3.7	19
21	Crosslinked enzyme aggregates of hydroxynitrile lyase partially purified from <i>Prunus dulcis</i> seeds and its application for the synthesis of enantiopure cyanohydrins. <i>Biotechnology Progress</i> , 2014, 30, 818-827.	2.6	16
22	Covalent Immobilization and Characterization of a Novel Pullulanase from <i>Fontibacillus</i> sp. Strain DSHK 107 onto Florisil® and Nano-silica for Pullulan Hydrolysis. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 1262-1274.	2.9	16
23	Immobilization and characterization of bovine liver catalase on eggshell. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 609-618.	0.8	15
24	Purification, immobilization and characterization of (R)-hydroxynitrile lyase from <i>Prunus amygdalus turcomanica</i> seeds and their applicability for synthesis of enantiopure cyanohydrins. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 101, 40-46.	1.8	14
25	Improvement of activity and stability of <i>Rhizomucor miehei</i> lipase by immobilization on nanoporous aluminium oxide and potassium sulfate microcrystals and their applications in the synthesis of aroma esters. <i>Biocatalysis and Biotransformation</i> , 2019, 37, 210-223.	2.0	14
26	Partial purification and immobilization of a new (R)-hydroxynitrile lyase from seeds of <i>Prunus pseudoarmeniaca</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 66, 161-165.	1.8	12
27	Optimization of immobilization conditions of <i>Mucor miehei</i> lipase onto Florisil via polysuccinimide spacer arm using response surface methodology and application of immobilized lipase in asymmetric acylation of 2-amino-1-phenylethanol. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 100, 91-103.	1.8	12
28	Immobilization of Soybean Lipoxygenase Onto Polyacrylamide Gel. <i>Biotechnology and Biotechnological Equipment</i> , 2006, 20, 95-100.	1.3	8
29	Asymmetric ammonolysis of (R)-mandelic acid by immobilized lipases via direct amidation of mandelic acid in biphasic media. <i>Biocatalysis and Biotransformation</i> , 2014, 32, 251-258.	2.0	8
30	Optimization of lipase-catalyzed synthesis of fructose stearate using response surface methodology. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2013, 41, 344-351.	2.8	7
31	Enantioselective Synthesis of Various Cyanohydrins Using Covalently Immobilized Preparations of Hydroxynitrile Lyase from <i>Prunus dulcis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1348-1363.	2.9	7
32	Protein-coated microcrystals of <i>Prunus armeniaca</i> hydroxynitrile lyase: an effective and recyclable biocatalyst for synthesis of (R)-mandelonitrile. <i>Chemical Papers</i> , 2019, 73, 185-193.	2.2	5
33	Effective immobilization of lactate dehydrogenase onto mesoporous silica. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2550-2560.	3.1	5
34	Stabilization of multimeric nitrilase via different immobilization techniques for hydrolysis of acrylonitrile to acrylic acid. <i>Biocatalysis and Biotransformation</i> , 2021, 39, 221-231.	2.0	3
35	Immobilization of Ene Reductase in Polyvinyl Alcohol Hydrogel. <i>Protein Journal</i> , 0, , .	1.6	1
36	Kinetic Properties of Potassium Stimulated ATPase Purified from Gastric Mucosa. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1988, 43, 609-612.	1.4	0