

# Ã-zlem Alptekin

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

587  
citations

759233

12  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

798  
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 and kinetics of catalase onto magnesium silicate. <i>Process Biochemistry</i> , 2004, 39, 2149-2155.	3.7	84
3	Immobilization of catalase onto Eupergit C and its characterization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 64, 177-183.	1.8	76
4	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
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	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
8	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
9	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
10	Immobilization and characterization of bovine liver catalase on eggshell. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 609-618.	0.8	15
11	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
12	Optimization of immobilization conditions of <i>Mucor miehei</i> lipase onto Florisol 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
13	Kinetic properties and storage stability of catalase immobilized on to florisol. <i>Indian Journal of Biochemistry and Biophysics</i> , 2007, 44, 38-43.	0.0	6
14	Effects of metabolic syndrome on masseter muscle of male Wistar rats. <i>European Journal of Oral Sciences</i> , 2015, 123, 432-438.	1.5	4
15	Influence of The Immobilized (R)-Hydroxynitrile Lyase From <i>Prunus pseudoarmeniaca</i> on (R)-Cyanohydrins Synthesis. <i>Journal of Biotechnology</i> , 2010, 150, 380-380.	3.8	1
16	ÄœerezÄ±n modifiye edilmiÄŸ florisile kovalent immobilizasyonu ve serbest ve immobilize Ä¼erezÄ±n karakterizasyonu. <i>Cukurova Medical Journal</i> , 2019, 44, 1-1.	0.2	1
17	Efficient Immobilization of Epoxide Hydrolase onto Florisol for Enantioselective Resolution of Racemic Styrene Oxide. <i>Journal of Biotechnology</i> , 2010, 150, 379-380.	3.8	0
18	Immobilization and Characterization of Hydroxynitrile Lyase From <i>Prunus armeniaca</i> onto Eupergit Supports. <i>Journal of Biotechnology</i> , 2010, 150, 380-380.	3.8	0

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19	Covalent immobilization of catalase from bovine liver onto Eupergit C 250L for potential bioreactor application. <i>Journal of Biotechnology</i> , 2010, 150, 383-383.	3.8	0
20	Characteristics of immobilized urease onto modified zirconium (IV) oxide via glutaraldehyde: kinetic, stability, and operational stabilities in bioreactors. <i>Chemical Papers</i> , 0, , 1.	2.2	0
21	Alterations in Antioxidant Defence Systems and Metal Profiles in Liver of Rats with Metabolic Syndrome Induced with High-Sucrose Diet. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 0, , 13-20.	1.1	0