

Karolina Bachosz

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

247
citations

1305906

8
h-index

1526636

10
g-index

10
all docs

10
docs citations

10
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme-based control of membrane biofouling for water and wastewater purification: A comprehensive review. <i>Environmental Technology and Innovation</i> , 2022, 25, 102106.	3.0	20
2	Biocatalytic System Made of 3D Chitin, Silica Nanopowder and Horseradish Peroxidase for the Removal of 17 β -Ethinylestradiol: Determination of Process Efficiency and Degradation Mechanism. <i>Molecules</i> , 2022, 27, 1354.	1.7	10
3	Enzymatic membrane reactor in xylose bioconversion with simultaneous cofactor regeneration. <i>Bioorganic Chemistry</i> , 2022, 123, 105781.	2.0	3
4	Enhanced Wastewater Treatment by Immobilized Enzymes. <i>Current Pollution Reports</i> , 2021, 7, 167-179.	3.1	51
5	A promising laccase immobilization using electrospun materials for biocatalytic degradation of tetracycline: Effect of process conditions and catalytic pathways. <i>Catalysis Today</i> , 2020, 348, 127-136.	2.2	76
6	A highly effective approach to cofactor regeneration and subsequent membrane separation of bioconversion products: Kinetic parameters and effect of process conditions. <i>Bioresource Technology Reports</i> , 2020, 9, 100365.	1.5	2
7	3D Chitin Scaffolds from the Marine Demosponge <i>Aplysina archeri</i> as a Support for Laccase Immobilization and Its Use in the Removal of Pharmaceuticals. <i>Biomolecules</i> , 2020, 10, 646.	1.8	25
8	Co-Immobilization of Glucose Dehydrogenase and Xylose Dehydrogenase as a New Approach for Simultaneous Production of Gluconic and Xylonic Acid. <i>Materials</i> , 2019, 12, 3167.	1.3	12
9	Laccase Immobilized onto Zirconia-Silica Hybrid Doped with Cu ²⁺ as an Effective Biocatalytic System for Decolorization of Dyes. <i>Materials</i> , 2019, 12, 1252.	1.3	33
10	Bioconversion of xylose to xylonic acid via co-immobilized dehydrogenases for conjunct cofactor regeneration. <i>Bioorganic Chemistry</i> , 2019, 93, 102747.	2.0	15