

Xing Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

215
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1162367

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all docs

18
docs citations

18
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of an amphiphilic amphoteric peptide-based polymer for organic chrome-free ecological tanning. <i>Journal of Cleaner Production</i> , 2022, 330, 129880.	4.6	12
2	A design approach to eliminate the toxic effect of insecticides to ensure human safety. <i>Green Chemistry</i> , 2022, 24, 3667-3676.	4.6	9
3	Dual Responsive Molecularâ€Arm Modified Single Enzyme Molecules for Efficient Cellulose Hydrolysis. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200092.	2.0	1
4	One-pot preparation of a multi-functional enzymatically generated gelatin hydrogel with controllable antibacterial and hemorheological properties. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 143-151.	3.6	7
5	A Physically Cross-Linked Sodium Alginateâ€Gelatin Hydrogel with High Mechanical Strength. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3197-3205.	2.0	44
6	Anemone-inspired enzymatic film for cellulose heterogeneous catalysis. <i>Carbohydrate Polymers</i> , 2021, 260, 117795.	5.1	12
7	Synthesis of Dualâ€Responsive Materials with Reversible and Switchable Phaseâ€Transition Properties for Highâ€Performance Cellulose Enzymatic Hydrolysis. <i>ChemSusChem</i> , 2020, 13, 663-667.	3.6	12
8	Novel Gelatin-based Eco-friendly Adhesive with a Hyperbranched Cross-linked Structure. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 5500-5511.	1.8	33
9	Simultaneously and separately immobilizing incompatible dual-enzymes on polymer substrate via visible light induced graft polymerization. <i>Applied Surface Science</i> , 2018, 436, 73-79.	3.1	15
10	Sequential co-immobilization of Î²-glucosidase and yeast cells on single polymer support for bioethanol production. <i>Science China Chemistry</i> , 2018, 61, 1600-1608.	4.2	4
11	Reversible Thermal Cycling of DNA Material for Efficient Cellulose Hydrolysis. <i>ACS Applied Bio Materials</i> , 2018, 1, 1118-1123.	2.3	3
12	Cytocompatible Fabrication of Yeast Cells/Fabrics Composite Sheet for Bioethanol Production. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800212.	2.0	2
13	Separated Immobilization of Incompatible Enzymes on Polymer Substrate via Visible Light Induced Living Photografting Polymerization. <i>Langmuir</i> , 2017, 33, 5577-5584.	1.6	10
14	Net-Immobilization of Î²-glucosidase on Nonwoven Fabrics to Lower the Cost of â€œCellulosic Ethanolâ€ and Increase Cellulose Conversions. <i>Scientific Reports</i> , 2016, 6, 23437.	1.6	9
15	A Mild Strategy To Encapsulate Enzyme into Hydrogel Layer Grafted on Polymeric Substrate. <i>Langmuir</i> , 2014, 30, 15229-15237.	1.6	32
16	Construction of DNA microarrays on cyclic olefin copolymer surfaces using confined photocatalytic oxidation. <i>RSC Advances</i> , 2014, 4, 46653-46661.	1.7	8
17	Preparation of multifunctional biohydrogel sensors with one freezeâ€thaw process. <i>Journal of Applied Polymer Science</i> , 0, , .	1.3	2