

Waleed Ahmad Khattak

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,587
citations

471509

17
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Biotemplate-Mediated Green Synthesis and Applications of Nanomaterials. <i>Current Pharmaceutical Design</i> , 2020, 26, 5819-5836.	1.9	14
2	Current advancements of magnetic nanoparticles in adsorption and degradation of organic pollutants. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12713-12722.	5.3	42
3	Metabolic engineering of synthetic cell-free systems: Strategies and applications. <i>Biochemical Engineering Journal</i> , 2016, 105, 391-405.	3.6	56
4	Enhanced bio-ethanol production via simultaneous saccharification and fermentation through a cell free enzyme system prepared by disintegration of waste of beer fermentation broth. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 694-701.	2.7	17
5	Bacterial cellulose-titanium dioxide nanocomposites: nanostructural characteristics, antibacterial mechanism, and biocompatibility. <i>Cellulose</i> , 2015, 22, 565-579.	4.9	143
6	Production, characterization and biological features of bacterial cellulose from scum obtained during preparation of sugarcane jaggery (gur). <i>Journal of Food Science and Technology</i> , 2015, 52, 8343-8349.	2.8	48
7	Bacterial celluloseâ€“poly(3,4-ethylenedioxythiophene)â€“poly(styrenesulfonate) composites for optoelectronic applications. <i>Carbohydrate Polymers</i> , 2015, 127, 86-93.	10.2	89
8	Encapsulated yeast cell-free system: A strategy for cost-effective and sustainable production of bio-ethanol in consecutive batches. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 561-575.	2.6	29
9	Endogenous Hydrolyzing Enzymes: Isolation, Characterization, and Applications in Biological Processes. , 2015, , 535-579.		2
10	Synthesis of regenerated bacterial cellulose-zinc oxide nanocomposite films for biomedical applications. <i>Cellulose</i> , 2014, 21, 433-447.	4.9	187
11	Developmental strategies and regulation of cell-free enzyme system for ethanol production: a molecular prospective. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9561-9578.	3.6	34
12	Bio-ethanol production through simultaneous saccharification and fermentation using an encapsulated reconstituted cell-free enzyme system. <i>Biochemical Engineering Journal</i> , 2014, 91, 110-119.	3.6	43
13	Yeast cell-free enzyme system for bio-ethanol production at elevated temperatures. <i>Process Biochemistry</i> , 2014, 49, 357-364.	3.7	41
14	Endogenous Hydrolyzing : Isolation, Characterization, and Applications in Biological Processes. , 2014, , 1-38.		0
15	Challenges in the development of drugs for the treatment of tuberculosis. <i>Brazilian Journal of Infectious Diseases</i> , 2013, 17, 74-81.	0.6	36
16	Partial purification of saccharifying and cell wall-hydrolyzing enzymes from malt in waste from beer fermentation broth. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 737-747.	3.4	10
17	Enhanced production of bioethanol from waste of beer fermentation broth at high temperature through consecutive batch strategy by simultaneous saccharification and fermentation. <i>Enzyme and Microbial Technology</i> , 2013, 53, 322-330.	3.2	26
18	Overview of bacterial cellulose composites: A multipurpose advanced material. <i>Carbohydrate Polymers</i> , 2013, 98, 1585-1598.	10.2	538

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19	Bacterial cellulose-MMTs nanoreinforced composite films: novel wound dressing material with antibacterial properties. <i>Cellulose</i> , 2013, 20, 589-596.	4.9	149
20	Effect of post-synthetic processing conditions on structural variations and applications of bacterial cellulose. <i>Cellulose</i> , 2013, 20, 253-263.	4.9	61
21	Stimulatory Effects of Zinc Oxide Nanoparticles on Visual Sensitivity and Electroretinography <i>α</i> -Waves in the Bullfrog Eye. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1408-1415.	1.1	5
22	Prospects of reusable endogenous hydrolyzing enzymes in bioethanol production by simultaneous saccharification and fermentation. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1467-1482.	2.7	17