Waleed Ahmad Khattak

List of Publications by Year
in descending order

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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	Overview of bacterial cellulose composites: A multipurpose advanced material. Carbohydrate Polymers, 2013, 98, 1585-1598.	10.2	538
2	Synthesis of regenerated bacterial cellulose-zinc oxide nanocomposite films for biomedical applications. Cellulose, 2014, 21, 433-447.	4.9	187
3	Bacterial cellulose-MMTs nanoreinforced composite films: novel wound dressing material with antibacterial properties. Cellulose, 2013, 20, 589-596.	4.9	149
4	Bacterial cellulose-titanium dioxide nanocomposites: nanostructural characteristics, antibacterial mechanism, and biocompatibility. Cellulose, 2015, 22, 565-579.	4.9	143
5	Bacterial celluloseâ€“poly(3,4-ethylenedioxythiophene)â€“poly(styrenesulfonate) composites for optoelectronic applications. Carbohydrate Polymers, 2015, 127, 86-93.	10.2	89
6	Effect of post-synthetic processing conditions on structural variations and applications of bacterial cellulose. Cellulose, 2013, 20, 253-263.	4.9	61
7	Metabolic engineering of synthetic cell-free systems: Strategies and applications. Biochemical Engineering Journal, 2016, 105, 391-405.	3.6	56
8	Production, characterization and biological features of bacterial cellulose from scum obtained during preparation of sugarcane jaggery (gur). Journal of Food Science and Technology, 2015, 52, 8343-8349.	2.8	48
9	Bio-ethanol production through simultaneous saccharification and fermentation using an encapsulated reconstituted cell-free enzyme system. Biochemical Engineering Journal, 2014, 91, 110-119.	3.6	43
10	Current advancements of magnetic nanoparticles in adsorption and degradation of organic pollutants. Environmental Science and Pollution Research, 2017, 24, 12713-12722.	5.3	42
11	Yeast cell-free enzyme system for bio-ethanol production at elevated temperatures. Process Biochemistry, 2014, 49, 357-364.	3.7	41
12	Challenges in the development of drugs for the treatment of tuberculosis. Brazilian Journal of Infectious Diseases, 2013, 17, 74-81.	0.6	36
13	Developmental strategies and regulation of cell-free enzyme system for ethanol production: a molecular prospective. Applied Microbiology and Biotechnology, 2014, 98, 9561-9578.	3.6	34
14	Encapsulated yeast cell-free system: A strategy for cost-effective and sustainable production of bio-ethanol in consecutive batches. Biotechnology and Bioprocess Engineering, 2015, 20, 561-575.	2.6	29
15	Enhanced production of bioethanol from waste of beer fermentation broth at high temperature through consecutive batch strategy by simultaneous saccharification and fermentation. Enzyme and Microbial Technology, 2013, 53, 322-330.	3.2	26
16	Prospects of reusable endogenous hydrolyzing enzymes in bioethanol production by simultaneous saccharification and fermentation. Korean Journal of Chemical Engineering, 2012, 29, 1467-1482.	2.7	17
17	Enhanced bio-ethanol production via simultaneous saccharification and fermentation through a cell free enzyme system prepared by disintegration of waste of beer fermentation broth. Korean Journal of Chemical Engineering, 2015, 32, 694-701.	2.7	17
18	Biotemplate-Mediated Green Synthesis and Applications of Nanomaterials. Current Pharmaceutical Design, 2020, 26, 5819-5836.	1.9	14

#	Article	IF	Citations
19	Partial purification of saccharifying and cell wall-hydrolyzing enzymes from malt in waste from beer fermentation broth. Bioprocess and Biosystems Engineering, 2013, 36, 737-747.	3.4	10
20	Stimulatory Effects of Zinc Oxide Nanoparticles on Visual Sensitivity and Electroretinography b-Waves in the Bullfrog Eye. Journal of Biomedical Nanotechnology, 2013, 9, 1408-1415.	1.1	5
21	Endogenous Hydrolyzing Enzymes: Isolation, Characterization, and Applications in Biological Processes. , 2015, , 535-579.		2
22	Endogenous Hydrolyzing : Isolation, Characterization, and Applications in Biological Processes. , 2014, , 1-38.		0