

Arka Mukhopadhyay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6745692/publications.pdf>

Version: 2024-02-01

11
papers

358
citations

933264

10
h-index

1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved production of reducing sugars from rice husk and rice straw using bacterial cellulase and xylanase activated with hydroxyapatite nanoparticles. <i>Bioresource Technology</i> , 2014, 153, 269-277.	4.8	61
2	Enhanced functionality and stabilization of a cold active laccase using nanotechnology based activation-immobilization. <i>Bioresource Technology</i> , 2015, 179, 573-584.	4.8	54
3	Degumming of ramie fiber and the production of reducing sugars from waste peels using nanoparticle supplemented pectate lyase. <i>Bioresource Technology</i> , 2013, 137, 202-208.	4.8	44
4	Thermostability, pH stability and dye degrading activity of a bacterial laccase are enhanced in the presence of Cu ₂ O nanoparticles. <i>Bioresource Technology</i> , 2013, 127, 25-36.	4.8	42
5	Inner-View of Nanomaterial Incited Protein Conformational Changes: Insights into Designable Interaction. <i>Research</i> , 2018, 2018, 9712832.	2.8	39
6	Improvement of thermostability and activity of pectate lyase in the presence of hydroxyapatite nanoparticles. <i>Bioresource Technology</i> , 2012, 116, 348-354.	4.8	37
7	Nanotechnology Enabled Enhancement of Enzyme Activity and Thermostability: Study on Impaired Pectate Lyase from Attenuated <i>Macrophomina phaseolina</i> in Presence of Hydroxyapatite Nanoparticle. <i>PLoS ONE</i> , 2013, 8, e63567.	1.1	26
8	Nanomaterials in the Pharmaceuticals: Occurrence, Behaviour and Applications. <i>Current Pharmaceutical Design</i> , 2016, 22, 1472-1484.	0.9	24
9	Nanotechnology based activation-immobilization of psychrophilic pectate lyase: A novel approach towards enzyme stabilization and enhanced activity. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 119, 54-63.	1.8	15
10	Enhancement of thermal and pH stability of an alkaline metalloprotease by nano-hydroxyapatite and its potential applications. <i>RSC Advances</i> , 2015, 5, 89346-89362.	1.7	15
11	Maturation and Fineness Enhancement in Waste Cotton by a Sequential Treatment Using Nano Conjugated Enzymes. <i>Journal of Bioprocess Engineering and Biorefinery</i> , 2014, 3, 308-317.	0.2	0