

Poonam Singh Nigam

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

3,433
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

4744
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of fuel-grade ethanol from cellobiose by a cell-factory of non-GMO <i>Saccharomyces cerevisiae</i> /starch-gel-cellulase. <i>Fuel</i> , 2022, 313, 122986.	6.4	7
2	Effect of cellulose crystallinity modification by starch gel treatment for improvement in ethanol fermentation rate by non-GM yeast cell factories. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 783-790.	3.4	2
3	Sustainability of biohydrogen as fuel: Present scenario and future perspective. <i>AIMS Energy</i> , 2019, 7, 1-19.	1.9	33
4	An overview: Recycling of solid barley waste generated as a by-product in distillery and brewery. <i>Waste Management</i> , 2017, 62, 255-261.	7.4	72
5	Food and agricultural wastes as substrates for bioelectrochemical system (BES): The synchronized recovery of sustainable energy and waste treatment. <i>Food Research International</i> , 2015, 73, 213-225.	6.2	132
6	Bioelectrochemical systems (BES) for sustainable energy production and product recovery from organic wastes and industrial wastewaters. <i>RSC Advances</i> , 2012, 2, 1248-1263.	3.6	468
7	Renewable fuels from algae: An answer to debatable land based fuels. <i>Bioresource Technology</i> , 2011, 102, 10-16.	9.6	560
8	A viable technology to generate third-generation biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 1349-1353.	3.2	89
9	Mechanism and challenges in commercialisation of algal biofuels. <i>Bioresource Technology</i> , 2011, 102, 26-34.	9.6	410
10	Production of liquid biofuels from renewable resources. <i>Progress in Energy and Combustion Science</i> , 2011, 37, 52-68.	31.2	1,660