

Poonam Singh Nigam

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

2,910
citations

8
h-index

11
g-index

11
ext. papers

3,127
ext. citations

9
avg, IF

5.69
L-index

#	Paper	IF	Citations
10	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	7.1	2
9	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	3.7	
8	Sustainability of biohydrogen as fuel: Present scenario and future perspective. <i>AIMS Energy</i> , 2019 , 7, 1-19	1.8	18
7	An overview: Recycling of solid barley waste generated as a by-product in distillery and brewery. <i>Waste Management</i> , 2017 , 62, 255-261	8.6	51
6	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	7	107
5	Bioelectrochemical systems (BES) for sustainable energy production and product recovery from organic wastes and industrial wastewaters. <i>RSC Advances</i> , 2012 , 2, 1248-1263	3.7	397
4	Renewable fuels from algae: an answer to debatable land based fuels. <i>Bioresource Technology</i> , 2011 , 102, 10-6	11	493
3	A viable technology to generate third-generation biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 1349-1353	3.5	80
2	Mechanism and challenges in commercialisation of algal biofuels. <i>Bioresource Technology</i> , 2011 , 102, 26-34	11	345
1	Production of liquid biofuels from renewable resources. <i>Progress in Energy and Combustion Science</i> , 2011 , 37, 52-68	33.6	1417