

# Poonam Singh Nigam

## List of Publications by Citations

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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	Production of liquid biofuels from renewable resources. <i>Progress in Energy and Combustion Science</i> , <b>2011</b> , 37, 52-68	33.6	1417
9	Renewable fuels from algae: an answer to debatable land based fuels. <i>Bioresource Technology</i> , <b>2011</b> , 102, 10-6	11	493
8	Bioelectrochemical systems (BES) for sustainable energy production and product recovery from organic wastes and industrial wastewaters. <i>RSC Advances</i> , <b>2012</b> , 2, 1248-1263	3.7	397
7	Mechanism and challenges in commercialisation of algal biofuels. <i>Bioresource Technology</i> , <b>2011</b> , 102, 26-34	11	345
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> , <b>2015</b> , 73, 213-225	7	107
5	A viable technology to generate third-generation biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2011</b> , 86, 1349-1353	3.5	80
4	An overview: Recycling of solid barley waste generated as a by-product in distillery and brewery. <i>Waste Management</i> , <b>2017</b> , 62, 255-261	8.6	51
3	Sustainability of biohydrogen as fuel: Present scenario and future perspective. <i>AIMS Energy</i> , <b>2019</b> , 7, 1-19	1.8	18
2	Biosynthesis of fuel-grade ethanol from cellobiose by a cell-factory of non-GMO <i>Saccharomyces cerevisiae</i> /starch-gel-cellulase. <i>Fuel</i> , <b>2022</b> , 313, 122986	7.1	2
1	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> , <b>2022</b> , 45, 783	3.7	