

Anoop Singh

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.

50
papers

5,271
citations

24
h-index

53
g-index

53
ext. papers

5,737
ext. citations

6.5
avg, IF

6.13
L-index

#	Paper	IF	Citations
50	Genetic Analysis for Resistance to Sclerotinia Stem Rot, Yield and Its Component Traits in Indian Mustard [(L.) Czern & Coss.].. <i>Plants</i> , 2022 , 11,	4.5	2
49	Monitoring of airborne heavy metal using plants: Perspective and challenges 2022 , 27-44		
48	Renewable Energy for a Low-Carbon Future: Policy Perspectives 2021 , 267-284		11
47	Agricultural Waste Valorization: An Energy Production Perspective. <i>Environmental and Microbial Biotechnology</i> , 2021 , 249-260	1.4	
46	Silver Nanoparticles Biosynthesis, Characterization, Antimicrobial Activities, Applications, Cytotoxicity and Safety Issues: An Updated Review. <i>Nanomaterials</i> , 2021 , 11,	5.4	17
45	Genotype-Specific Antioxidant Responses and Assessment of Resistance Against Causing Sclerotinia Rot in Indian Mustard. <i>Pathogens</i> , 2020 , 9,	4.5	6
44	Sustainable utilization of crop residues for energy generation: A life cycle assessment (LCA) perspective. <i>Bioresource Technology</i> , 2020 , 303, 122964	11	72
43	Perspectives of Environmental Microbiology and Biotechnology 2020 , 1-16		
42	Impact of Climate Change on Sustainable Biofuel Production. <i>Biofuel and Biorefinery Technologies</i> , 2020 , 79-97	1	5
41	Development and life cycle assessment of an auto circulating bio-electrochemical reactor for energy positive continuous wastewater treatment. <i>Bioresource Technology</i> , 2020 , 304, 122959	11	7
40	Sustainability of biohydrogen as fuel: Present scenario and future perspective. <i>AIMS Energy</i> , 2019 , 7, 1-19	1.8	18
39	Enhancement of bio-ethanol production potential of wheat straw by reducing furfural and 5-hydroxymethylfurfural (HMF). <i>Bioresource Technology Reports</i> , 2018 , 4, 50-56	4.1	36
38	Emerging role of Geographical Information System (GIS), Life Cycle Assessment (LCA) and spatial LCA (GIS-LCA) in sustainable bioenergy planning. <i>Bioresource Technology</i> , 2017 , 242, 218-226	11	80
37	Biohydrogen: Next Generation Fuel 2017 , 1-10		3
36	Biohydrogen: Global Trend and Future Perspective 2017 , 291-315		1
35	Key issues in estimating energy and greenhouse gas savings of biofuels: challenges and perspectives. <i>Biofuel Research Journal</i> , 2016 , 3, 380-393	13.9	102
34	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

33	Biohydrogen Production from Lignocellulosic Biomass: Technology and Sustainability. <i>Energies</i> , 2015 , 8, 13062-13080	3.1	84
32	Microbial biofuels production 2014 , 155-168		3
31	Biohydrogen Production from Microalgae 2013 , 317-333		12
30	Importance of Life Cycle Assessment of Renewable Energy Sources. <i>Green Energy and Technology</i> , 2013 , 1-11	0.6	7
29	A Comparison of Life Cycle Assessment Studies of Different Biofuels. <i>Green Energy and Technology</i> , 2013 , 269-289	0.6	4
28	Comparison of Algal Biodiesel Production Pathways Using Life Cycle Assessment Tool. <i>Green Energy and Technology</i> , 2013 , 145-168	0.6	3
27	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
26	Impact of fly-ash-amended soil on growth and yield of crop plants. <i>International Journal of Environment and Waste Management</i> , 2012 , 10, 150	0.9	9
25	Key Issues in Life Cycle Assessment of Biofuels. <i>Green Energy and Technology</i> , 2012 , 213-228	0.6	7
24	Influence of prevailing disturbances on soil biology and biochemistry of montane habitats at Nanda Devi Biosphere Reserve (NDBR), India during wet and dry seasons. <i>Geoderma</i> , 2011 , 162, 296-302	6.7	1
23	Removal of pollutants from pulp and paper mill effluent by anaerobic and aerobic treatment in pilot-scale bioreactor. <i>International Journal of Environment and Waste Management</i> , 2011 , 7, 423	0.9	1
22	Energy and emissions forecast of China over a long-time horizon. <i>Energy</i> , 2011 , 36, 1-11	7.9	101
21	A critical review of biochemical conversion, sustainability and life cycle assessment of algal biofuels. <i>Applied Energy</i> , 2011 , 88, 3548-3555	10.7	352
20	Renewable fuels from algae: an answer to debatable land based fuels. <i>Bioresource Technology</i> , 2011 , 102, 10-6	11	493
19	A viable technology to generate third-generation biofuel. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 1349-1353	3.5	80
18	Design, Commissioning, and Start-Up of a Sequentially Fed Leach Bed Reactor Complete with an Upflow Anaerobic Sludge Blanket Digesting Grass Silage. <i>Energy & Fuels</i> , 2011 , 25, 823-834	4.1	24
17	Mechanism and challenges in commercialisation of algal biofuels. <i>Bioresource Technology</i> , 2011 , 102, 26-34	11	345
16	Production of liquid biofuels from renewable resources. <i>Progress in Energy and Combustion Science</i> , 2011 , 37, 52-68	33.6	1417

15	An introduction to the life cycle assessment (LCA) of bioelectrochemical systems (BES) for sustainable energy and product generation: Relevance and key aspects. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 1305-1313	16.2	176
14	The effect of reactor design on the sustainability of grass biomethane. <i>Renewable and Sustainable Energy Reviews</i> , 2011 , 15, 1567-1574	16.2	30
13	Grass Biomethane for Agriculture and Energy. <i>Sustainable Agriculture Reviews</i> , 2011 , 5-49	1.3	5
12	Role of Leaching and Hydrolysis in a Two-Phase Grass Digestion System. <i>Energy & Fuels</i> , 2010 , 24, 4549-4559	4.1	47
11	Impact assessment of pre- and post-sown irrigation with Post Methanation distillery Effluent on soil health and crop yield. <i>International Journal of Environmental Engineering</i> , 2010 , 2, 401	0.2	0
10	Is grass biomethane a sustainable transport biofuel?. <i>Biofuels, Bioproducts and Biorefining</i> , 2010 , 4, 310-325	3.5	95
9	A biofuel strategy for Ireland with an emphasis on production of biomethane and minimization of land-take. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 277-288	16.2	96
8	Key issues in life cycle assessment of ethanol production from lignocellulosic biomass: Challenges and perspectives. <i>Bioresource Technology</i> , 2010 , 101, 5003-12	11	319
7	Effect of carbon and nitrogen source amendment on synthetic dyes decolourizing efficiency of white-rot fungus, <i>Phanerochaete chrysosporium</i> . <i>Journal of Environmental Biology</i> , 2008 , 29, 79-84	1.6	24
6	Ethanol Production from Sweet Sorghum Syrup for Utilization as Automotive Fuel in India. <i>Energy & Fuels</i> , 2007 , 21, 2415-2420	4.1	158
5	Ethanol as an alternative fuel from agricultural, industrial and urban residues. <i>Resources, Conservation and Recycling</i> , 2007 , 50, 1-39	11.9	426
4	Role of ethylene diurea (EDU) in assessing impact of ozone on <i>Vigna radiata</i> L. plants in a suburban area of Allahabad (India). <i>Chemosphere</i> , 2005 , 61, 218-28	8.4	52
3	Amelioration of Indian urban air pollution phytotoxicity in <i>Beta vulgaris</i> L. by modifying NPK nutrients. <i>Environmental Pollution</i> , 2005 , 134, 385-95	9.3	24
2	Growth responses of wheat (<i>Triticum aestivum</i> L. var. HD 2329) exposed to ambient air pollution under varying fertility regimes. <i>Scientific World Journal, The</i> , 2003 , 3, 799-810	2.2	7
1	Assessment of the pulp and paper mill effluent on growth, yield and nutrient quality of wheat (<i>Triticum aestivum</i> L.). <i>Journal of Environmental Biology</i> , 2002 , 23, 283-8	1.6	4