

Ganesh K Parshetti

List of Publications by Citations

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Version: 2024-04-23

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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.

31
papers

2,629
citations

24
h-index

31
g-index

31
ext. papers

2,939
ext. citations

8.2
avg, IF

5.37
L-index

#	Paper	IF	Citations
31	Food waste-to-energy conversion technologies: current status and future directions. <i>Waste Management</i> , 2015 , 38, 399-408	8.6	365
30	Chemical, structural and combustion characteristics of carbonaceous products obtained by hydrothermal carbonization of palm empty fruit bunches. <i>Bioresource Technology</i> , 2013 , 135, 683-9	11	297
29	Biodegradation of benzidine based dye Direct Blue-6 by <i>Pseudomonas desmolyticum</i> NCIM 2112. <i>Bioresource Technology</i> , 2007 , 98, 1405-10	11	259
28	Decolorization and detoxification of sulfonated azo dye methyl orange by <i>Kocuria rosea</i> MTCC 1532. <i>Journal of Hazardous Materials</i> , 2010 , 176, 503-9	12.8	199
27	Decolourization of azo dye methyl red by <i>Saccharomyces cerevisiae</i> MTCC 463. <i>Chemosphere</i> , 2007 , 68, 394-400	8.4	169
26	Biomass derived low-cost microporous adsorbents for efficient CO ₂ capture. <i>Fuel</i> , 2015 , 148, 246-254	7.1	164
25	Hydrothermal carbonization of sewage sludge for energy production with coal. <i>Fuel</i> , 2013 , 111, 201-210	7.1	145
24	Hydrothermal conversion of urban food waste to chars for removal of textile dyes from contaminated waters. <i>Bioresource Technology</i> , 2014 , 161, 310-9	11	129
23	Post-combustion CO ₂ capture using mesoporous TiO ₂ /graphene oxide nanocomposites. <i>Chemical Engineering Journal</i> , 2015 , 263, 374-384	14.7	96
22	Biodegradation of Reactive blue-25 by <i>Aspergillus ochraceus</i> NCIM-1146. <i>Bioresource Technology</i> , 2007 , 98, 3638-42	11	90
21	TGA/FTIR investigation of co-combustion characteristics of blends of hydrothermally carbonized oil palm biomass (EFB) and coal. <i>Fuel Processing Technology</i> , 2014 , 118, 228-234	7.2	88
20	Dechlorination of trichloroethylene by Ni/Fe nanoparticles immobilized in PEG/PVDF and PEG/nylon 66 membranes. <i>Water Research</i> , 2009 , 43, 3086-94	12.5	88
19	Purification and characterization of an extracellular laccase from a <i>Pseudomonas</i> sp. LBC1 and its application for the removal of bisphenol A. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 61, 252-260		66
18	Energy, exergy and techno-economic analyses of hydrothermal oxidation of food waste to produce hydro-char and bio-oil. <i>Energy</i> , 2016 , 102, 187-198	7.9	57
17	Enzyme-assisted hydrothermal treatment of food waste for co-production of hydrochar and bio-oil. <i>Bioresource Technology</i> , 2014 , 168, 267-74	11	49
16	Dechlorination of chlorinated hydrocarbons by bimetallic Ni/Fe immobilized on polyethylene glycol-grafted microfiltration membranes under anoxic conditions. <i>Chemosphere</i> , 2012 , 86, 392-9	8.4	44
15	Sensitive amperometric immunosensor for H ₂ O ₂ detection based on multifunctional dumbbell-like Au-Fe ₃ O ₄ heterostructures. <i>Sensors and Actuators B: Chemical</i> , 2013 , 186, 34-43	8.5	42

14	Heterogeneous catalyst-assisted thermochemical conversion of food waste biomass into 5-hydroxymethylfurfural. <i>Bioresource Technology</i> , 2015 , 178, 19-27	11	35
13	Biodegradation of hazardous triphenylmethane dye methyl violet by <i>Rhizobium radiobacter</i> (MTCC 8161). <i>Journal of Basic Microbiology</i> , 2009 , 49 Suppl 1, S36-42	2.7	35
12	Industrial dye decolorizing lignin peroxidase from <i>Kocuria rosea</i> MTCC 1532. <i>Annals of Microbiology</i> , 2012 , 62, 217-223	3.2	32
11	Synergistic effect of nickel ions on the coupled dechlorination of trichloroethylene and 2,4-dichlorophenol by Fe/TiO ₂ nanocomposites in the presence of UV light under anoxic conditions. <i>Water Research</i> , 2011 , 45, 4198-210	12.5	32
10	A study of nitrogen conversion and polycyclic aromatic hydrocarbon (PAH) emissions during hydrochar/ignite co-pyrolysis. <i>Applied Energy</i> , 2013 , 108, 74-81	10.7	30
9	Plant derived porous graphene nanosheets for efficient CO ₂ capture. <i>RSC Advances</i> , 2014 , 4, 44634-44643	3.7	28
8	Dechlorination and photodegradation of trichloroethylene by Fe/TiO ₂ nanocomposites in the presence of nickel ions under anoxic conditions. <i>Applied Catalysis B: Environmental</i> , 2010 , 100, 116-123	21.8	28
7	Diesel and kerosene degradation by <i>Pseudomonas desmolyticum</i> NCIM 2112 and <i>Nocardia hydrocarbonoxydans</i> NCIM 2386. <i>Current Microbiology</i> , 2008 , 56, 581-6	2.4	18
6	Mitigating particulate matter exposure in naturally ventilated buildings during haze episodes. <i>Building and Environment</i> , 2018 , 128, 96-106	6.5	16
5	Biodegradation of Malachite Green by <i>Brevibacillus laterosporus</i> MTCC 2298. <i>Water Environment Research</i> , 2009 , 81, 2329-2336	2.8	8
4	Biodegradation of Green HE4B: Co-substrate effect, biotransformation enzymes and metabolite toxicity analysis. <i>Indian Journal of Microbiology</i> , 2010 , 50, 156-64	3.7	8
3	Immobilization of bimetallic nanoparticles on microfiltration membranes for trichloroethylene dechlorination. <i>Water Science and Technology</i> , 2008 , 58, 1629-36	2.2	5
2	Performance characteristics of a fan filter unit (FFU) in mitigating particulate matter levels in a naturally ventilated classroom during haze conditions. <i>Indoor Air</i> , 2021 , 31, 795-806	5.4	5
1	Evaluation of Hydrothermally Carbonized Hydrochar in Improving Energy Security and Mitigating Greenhouse Gas Emissions. <i>ACS Symposium Series</i> , 2014 , 23-48	0.4	2