

Ganesh K Parshetti

List of Publications by Year in descending order

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31
papers

3,308
citations

257450

24
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

4131
citing authors

#	ARTICLE	IF	CITATIONS
1	Food waste-to-energy conversion technologies: Current status and future directions. <i>Waste Management</i> , 2015, 38, 399-408.	7.4	496
2	Chemical, structural and combustion characteristics of carbonaceous products obtained by hydrothermal carbonization of palm empty fruit bunches. <i>Bioresource Technology</i> , 2013, 135, 683-689.	9.6	368
3	Biodegradation of benzidine based dye Direct Blue-6 by <i>Pseudomonas desmolyticum</i> NCIM 2112. <i>Bioresource Technology</i> , 2007, 98, 1405-1410.	9.6	291
4	Biomass derived low-cost microporous adsorbents for efficient CO ₂ capture. <i>Fuel</i> , 2015, 148, 246-254.	6.4	244
5	Decolorization and detoxification of sulfonated azo dye methyl orange by <i>Kocuria rosea</i> MTCC 1532. <i>Journal of Hazardous Materials</i> , 2010, 176, 503-509.	12.4	240
6	Decolourization of azo dye methyl red by <i>Saccharomyces cerevisiae</i> MTCC 463. <i>Chemosphere</i> , 2007, 68, 394-400.	8.2	209
7	Hydrothermal carbonization of sewage sludge for energy production with coal. <i>Fuel</i> , 2013, 111, 201-210.	6.4	176
8	Hydrothermal conversion of urban food waste to chars for removal of textile dyes from contaminated waters. <i>Bioresource Technology</i> , 2014, 161, 310-319.	9.6	171
9	Post-combustion CO ₂ capture using mesoporous TiO ₂ /graphene oxide nanocomposites. <i>Chemical Engineering Journal</i> , 2015, 263, 374-384.	12.7	121
10	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	118
11	Biodegradation of Reactive blue-25 by <i>Aspergillus ochraceus</i> NCIM-1146. <i>Bioresource Technology</i> , 2007, 98, 3638-3642.	9.6	102
12	Dechlorination of trichloroethylene by Ni/Fe nanoparticles immobilized in PEG/PVDF and PEG/nylon 66 membranes. <i>Water Research</i> , 2009, 43, 3086-3094.	11.3	96
13	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.	8.8	80
14	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.	1.8	79
15	Enzyme-assisted hydrothermal treatment of food waste for co-production of hydrochar and bio-oil. <i>Bioresource Technology</i> , 2014, 168, 267-274.	9.6	70
16	Dechlorination of chlorinated hydrocarbons by bimetallic Ni/Fe immobilized on polyethylene glycol-grafted microfiltration membranes under anoxic conditions. <i>Chemosphere</i> , 2012, 86, 392-399.	8.2	47
17	Sensitive amperometric immunosensor for β -fetoprotein detection based on multifunctional dumbbell-like Au-Fe ₃ O ₄ heterostructures. <i>Sensors and Actuators B: Chemical</i> , 2013, 186, 34-43.	7.8	45
18	Heterogeneous catalyst-assisted thermochemical conversion of food waste biomass into 5-hydroxymethylfurfural. <i>Bioresource Technology</i> , 2015, 178, 19-27.	9.6	44

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19	Biodegradation of hazardous triphenylmethane dye methyl violet by <i>Rhizobium radiobacter</i> (MTCC 8161). <i>Journal of Basic Microbiology</i> , 2009, 49, S36-42.	3.3	41
20	Industrial dye decolorizing lignin peroxidase from <i>Kocuria rosea</i> MTCC 1532. <i>Annals of Microbiology</i> , 2012, 62, 217-223.	2.6	40
21	Plant derived porous graphene nanosheets for efficient CO ₂ capture. <i>RSC Advances</i> , 2014, 4, 44634-44643.	3.6	39
22	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, 4198-4210.	11.3	34
23	A study of nitrogen conversion and polycyclic aromatic hydrocarbon (PAH) emissions during hydrochar-lignite co-pyrolysis. <i>Applied Energy</i> , 2013, 108, 74-81.	10.1	34
24	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.	20.2	30
25	Diesel and Kerosene Degradation by <i>Pseudomonas desmolyticum</i> NCIM 2112 and <i>Nocardia hydrocarbonoxydans</i> NCIM 2386. <i>Current Microbiology</i> , 2008, 56, 581-586.	2.2	24
26	Mitigating particulate matter exposure in naturally ventilated buildings during haze episodes. <i>Building and Environment</i> , 2018, 128, 96-106.	6.9	21
27	Biodegradation of Malachite Green by <i>Brevibacillus laterosporus</i> MTCC 2298. <i>Water Environment Research</i> , 2009, 81, 2329-2336.	2.7	19
28	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.	4.3	11
29	Biodegradation of Green HE4B: Co-substrate effect, biotransformation enzymes and metabolite toxicity analysis. <i>Indian Journal of Microbiology</i> , 2010, 50, 156-164.	2.7	10
30	Immobilization of bimetallic nanoparticles on microfiltration membranes for trichloroethylene dechlorination. <i>Water Science and Technology</i> , 2008, 58, 1629-1636.	2.5	5
31	Evaluation of Hydrothermally Carbonized Hydrochar in Improving Energy Security and Mitigating Greenhouse Gas Emissions. <i>ACS Symposium Series</i> , 2014, , 23-48.	0.5	3