

Sunil Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

191
papers

8,672
citations

38720

50
h-index

56687

83
g-index

195
all docs

195
docs citations

195
times ranked

6810
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and opportunities associated with waste management in India. Royal Society Open Science, 2017, 4, 160764.	1.1	358
2	Assessment of the status of municipal solid waste management in metro cities, state capitals, class I cities, and class II towns in India: An insight. Waste Management, 2009, 29, 883-895.	3.7	346
3	Resource recovery and circular economy from organic solid waste using aerobic and anaerobic digestion technologies. Bioresource Technology, 2020, 301, 122778.	4.8	305
4	Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. Lancet Planetary Health, The, 2021, 5, e25-e38.	5.1	269
5	Application of life cycle assessment in municipal solid waste management: A worldwide critical review. Journal of Cleaner Production, 2019, 209, 630-654.	4.6	252
6	Challenges associated with plastic waste disposal and allied microbial routes for its effective degradation: A comprehensive review. Journal of Cleaner Production, 2019, 208, 65-76.	4.6	224
7	Removal of phenols from water environment by activated carbon, bagasse ash and wood charcoal. Chemical Engineering Journal, 2007, 129, 133-142.	6.6	191
8	Advanced oxidation processes for treatment of leachate from hazardous waste landfill: A critical review. Journal of Cleaner Production, 2019, 237, 117639.	4.6	188
9	A monograph on the remediation of hazardous phthalates. Journal of Hazardous Materials, 2015, 298, 58-72.	6.5	172
10	Biodegradation of methylene blue dye in a batch and continuous mode using biochar as packing media. Environmental Research, 2019, 171, 356-364.	3.7	163
11	Changes in global trends in food waste composting: Research challenges and opportunities. Bioresource Technology, 2020, 299, 122555.	4.8	161
12	E-waste management and its effects on the environment and human health. Science of the Total Environment, 2021, 773, 145623.	3.9	159
13	E-waste in India at a glance: Current trends, regulations, challenges and management strategies. Journal of Cleaner Production, 2020, 271, 122707.	4.6	153
14	Estimation method for national methane emission from solid waste landfills. Atmospheric Environment, 2004, 38, 3481-3487.	1.9	151
15	Bioremediation and detoxification of industrial wastes by earthworms: Vermicompost as powerful crop nutrient in sustainable agriculture. Bioresource Technology, 2018, 252, 172-179.	4.8	150
16	Remediation of soils and sediments polluted with polycyclic aromatic hydrocarbons: To immobilize, mobilize, or degrade?. Journal of Hazardous Materials, 2021, 420, 126534.	6.5	150
17	Current research trends on micro- and nano-plastics as an emerging threat to global environment: A review. Journal of Hazardous Materials, 2021, 409, 124967.	6.5	147
18	Artificial neural network modeling in competitive adsorption of phenol and resorcinol from water environment using some carbonaceous adsorbents. Journal of Hazardous Materials, 2011, 188, 67-77.	6.5	141

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19	Antimony contamination and its risk management in complex environmental settings: A review. Environment International, 2022, 158, 106908.	4.8	125
20	Challenges and opportunities in bioremediation of micro-nano plastics: A review. Science of the Total Environment, 2022, 802, 149823.	3.9	109
21	Pyrolysis of waste biomass and plastics for production of biochar and its use for removal of heavy metals from aqueous solution. Bioresource Technology, 2021, 320, 124278.	4.8	105
22	Artificial neural network based modeling to evaluate methane yield from biogas in a laboratory-scale anaerobic bioreactor. Bioresource Technology, 2016, 217, 90-99.	4.8	101
23	A review on organic waste to energy systems in India. Bioresource Technology, 2017, 245, 1229-1237.	4.8	92
24	Composting of municipal solid waste. Critical Reviews in Biotechnology, 2011, 31, 112-136.	5.1	91
25	Biodegradation of food waste using microbial cultures producing thermostable α -amylase and cellulase under different pH and temperature. Bioresource Technology, 2018, 248, 160-170.	4.8	89
26	Bioremediation of heavy metals from industrial effluents by endophytes and their metabolic activity: Recent advances. Bioresource Technology, 2021, 339, 125589.	4.8	87
27	Life cycle assessment of municipal solid waste management options for India. Bioresource Technology, 2019, 288, 121515.	4.8	86
28	Industrial wastewater treatment: Current trends, bottlenecks, and best practices. Chemosphere, 2021, 285, 131245.	4.2	85
29	Bioleaching: urban mining option to curb the menace of E-waste challenge. Bioengineered, 2020, 11, 640-660.	1.4	79
30	Are microplastics destabilizing the global network of terrestrial and aquatic ecosystem services?. Environmental Research, 2021, 198, 111243.	3.7	77
31	Effect of organic loading rate during anaerobic digestion of municipal solid waste. Bioresource Technology, 2016, 217, 56-61.	4.8	76
32	E-waste: a new challenge for waste management in India. International Journal of Environmental Studies, 2004, 61, 265-279.	0.7	75
33	Sorption of volatile organic compounds on non-activated biochar. Bioresource Technology, 2020, 297, 122469.	4.8	74
34	Anaerobic digestion of biowastes in India: Opportunities, challenges and research needs. Journal of Environmental Management, 2019, 236, 396-412.	3.8	73
35	Studies on environmental quality in and around municipal solid waste dumpsite. Resources, Conservation and Recycling, 2010, 55, 129-134.	5.3	72
36	Solid waste management during COVID-19 pandemic: Recovery techniques and responses. Chemosphere, 2022, 288, 132451.	4.2	72

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37	Bioremediated techniques for remediation of metal pollutants using metagenomics approaches: A review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105684.	3.3	71
38	Critical factors responsible for fungi growth in stored food grains and non-Chemical approaches for their control. <i>Industrial Crops and Products</i> , 2017, 108, 162-182.	2.5	69
39	Effects of biochar amendment on bacterial and fungal diversity for co-composting of gelatin industry sludge mixed with organic fraction of municipal solid waste. <i>Bioresource Technology</i> , 2017, 246, 214-223.	4.8	68
40	Multi-criteria research lines on livestock manure biorefinery development towards a circular economy: From the perspective of a life cycle assessment and business models strategies. <i>Journal of Cleaner Production</i> , 2022, 341, 130862.	4.6	64
41	Biochar as environmental armour and its diverse role towards protecting soil, water and air. <i>Science of the Total Environment</i> , 2022, 806, 150444.	3.9	63
42	Bioreactor landfill technology in municipal solid waste treatment: An overview. <i>Critical Reviews in Biotechnology</i> , 2011, 31, 77-97.	5.1	61
43	Constructed wetland for wastewater reuse: Role and efficiency in removing enteric pathogens. <i>Journal of Environmental Management</i> , 2019, 246, 444-461.	3.8	61
44	Effect of bulking agents and cow dung as inoculant on vegetable waste compost quality. <i>Bioresource Technology</i> , 2018, 252, 83-90.	4.8	60
45	Biomethanation potential for co-digestion of municipal solid waste and rice straw: A batch study. <i>Bioresource Technology</i> , 2018, 254, 139-144.	4.8	58
46	Rapid composting techniques in Indian context and utilization of black soldier fly for enhanced decomposition of biodegradable wastes - A comprehensive review. <i>Journal of Environmental Management</i> , 2018, 227, 189-199.	3.8	58
47	Kinetic and thermodynamic investigations of sewage sludge biochar in removal of Remazol Brilliant Blue R dye from aqueous solution and evaluation of residual dyes cytotoxicity. <i>Environmental Technology and Innovation</i> , 2021, 23, 101556.	3.0	58
48	Co-composting of vegetable wastes and carton: Effect of carton composition and parameter variations. <i>Bioresource Technology</i> , 2017, 227, 171-178.	4.8	56
49	Role of sawdust and cow dung on compost maturity during rotary drum composting of flower waste. <i>Bioresource Technology</i> , 2018, 264, 285-289.	4.8	56
50	Emission from open burning of municipal solid waste in India. <i>Environmental Technology (United Kingdom)</i> , 2000, 21, 1255-1264.	1.2	56
51	Apple orchard waste recycling and valorization of valuable product-A review. <i>Bioengineered</i> , 2021, 12, 476-495.	1.4	55
52	Biotechnological strategies for bio-transforming biosolid into resources toward circular bio-economy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 156, 111987.	8.2	51
53	Influence of water quality on the strength of plain and blended cement concretes in marine environments. <i>Cement and Concrete Research</i> , 2000, 30, 345-350.	4.6	49
54	Hydrothermal liquefaction of biogenic municipal solid waste under reduced H ₂ atmosphere in biorefinery format. <i>Bioresource Technology</i> , 2020, 310, 123369.	4.8	49

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55	Effect of enzyme additions on methane production and lignin degradation of landfilled sample of municipal solid waste. <i>Bioresource Technology</i> , 2011, 102, 4633-4637.	4.8	48
56	Selection of a Landfill Site for Solid Waste Management: An Application of AHP and Spatial Analyst Tool. <i>Journal of the Indian Society of Remote Sensing</i> , 2013, 41, 45-56.	1.2	48
57	Commercial clustering of sustainable bamboo species in India. <i>Industrial Crops and Products</i> , 2020, 154, 112693.	2.5	47
58	Utilization of Plastic Wastes for Sustainable Environmental Management: A Review. <i>ChemSusChem</i> , 2021, 14, 3985-4006.	3.6	46
59	Treatment of urban municipal landfill leachate utilizing garbage enzyme. <i>Bioresource Technology</i> , 2020, 297, 122437.	4.8	44
60	Efficient removal of arsenic using plastic waste char: Prevailing mechanism and sorption performance. <i>Journal of Water Process Engineering</i> , 2020, 33, 101095.	2.6	44
61	Forecasting of municipal solid waste generation using non-linear autoregressive (NAR) neural models. <i>Waste Management</i> , 2021, 121, 206-214.	3.7	44
62	Removal enactment of organo-phosphorous pesticide using bacteria isolated from domestic sewage. <i>Bioresource Technology</i> , 2018, 263, 280-288.	4.8	43
63	Improving methane yield and quality via co-digestion of cow dung mixed with food waste. <i>Bioresource Technology</i> , 2018, 251, 259-263.	4.8	41
64	Evaluation of microbial dynamics during post-consumption food waste composting. <i>Bioresource Technology</i> , 2018, 251, 181-188.	4.8	40
65	Evaluation of soil contamination due to crude E-waste recycling activities in the capital city of India. <i>Chemical Engineering Research and Design</i> , 2021, 152, 641-653.	2.7	39
66	Enrichment of primary macronutrients in biochar for sustainable agriculture: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 1449-1490.	6.6	39
67	Fly ash as an additive for enhancing microbial and enzymatic activities in in-vessel composting of organic wastes. <i>Bioresource Technology</i> , 2019, 293, 122047.	4.8	37
68	Succession of keratin-degrading bacteria and associated health risks during pig manure composting. <i>Journal of Cleaner Production</i> , 2020, 258, 120624.	4.6	33
69	Circular economy-based environmental management using biochar: Driving towards sustainability. <i>Chemical Engineering Research and Design</i> , 2022, 163, 585-600.	2.7	33
70	Methane Oxidation in Compost-Based Landfill Cover with Vegetation during Wet and Dry Conditions in the Tropics. <i>Journal of the Air and Waste Management Association</i> , 2008, 58, 603-612.	0.9	32
71	Role of microbes in bioaccumulation of heavy metals in municipal solid waste: Impacts on plant and human being. <i>Environmental Pollution</i> , 2022, 305, 119248.	3.7	32
72	Solid waste characteristics and their relationship to gas production in tropical landfill. <i>Environmental Monitoring and Assessment</i> , 2007, 135, 41-48.	1.3	31

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73	Synergistic effect of fly ash in in-vessel composting of biomass and kitchen waste. <i>Bioresource Technology</i> , 2018, 251, 114-120.	4.8	31
74	Bio-hydrogen and bio-methane potential analysis for production of bio-hythane using various agricultural residues. <i>Bioresource Technology</i> , 2020, 309, 123297.	4.8	31
75	Characterisation of Hazardous Waste Landfill Leachate and its Reliance on Landfill Age and Seasonal Variation: A Statistical Approach. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105496.	3.3	31
76	Characterization of municipal solid waste in high-altitude sub-tropical regions. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 2627-2637.	1.2	30
77	Collegial effect of maggots larvae and garbage enzyme in rapid composting of food waste with wheat straw or biomass waste. <i>Journal of Cleaner Production</i> , 2020, 258, 120854.	4.6	30
78	Preparation, characterization and agri applications of biochar produced by pyrolysis of sewage sludge at different temperatures. <i>Science of the Total Environment</i> , 2021, 795, 148722.	3.9	30
79	Eco-innovations and sustainability in solid waste management: An indian upfront in technological, organizational, start-ups and financial framework. <i>Journal of Environmental Management</i> , 2022, 302, 113953.	3.8	30
80	Fire Loads in Office Buildings. <i>Journal of Structural Engineering</i> , 1997, 123, 365-368.	1.7	29
81	Applying Fuzzy logic and the point count system to select landfill sites. <i>Environmental Monitoring and Assessment</i> , 2007, 135, 99-106.	1.3	29
82	Specific model for the estimation of methane emission from municipal solid waste landfills in India. <i>Bioresource Technology</i> , 2016, 216, 981-987.	4.8	29
83	Identification of heavy metals tolerant <i>Brevundimonas</i> sp. from rhizospheric zone of <i>Saccharum munja</i> L. and their efficacy in in-situ phytoremediation. <i>Chemosphere</i> , 2022, 295, 133823.	4.2	29
84	Health risk assessment for exposure to heavy metals in soils in and around E-waste dumping site. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107269.	3.3	28
85	Biorefinery of anaerobic digestate in a circular bioeconomy: Opportunities, challenges and perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 166, 112642.	8.2	28
86	Studies on acidification in two-phase biomethanation process of municipal solid waste. <i>Waste Management</i> , 2008, 28, 164-169.	3.7	27
87	Vacuum Hermetic Fumigation: A review. <i>Journal of Stored Products Research</i> , 2017, 71, 47-56.	1.2	27
88	Exploring the synergic effect of fly ash and garbage enzymes on biotransformation of organic wastes in in-vessel composting system. <i>Bioresource Technology</i> , 2021, 322, 124557.	4.8	27
89	Reduction of Methane Emission From Landfill Through Microbial Activities in Cover Soil: A Brief Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2012, 42, 412-434.	6.6	25
90	Eco-rejuvenation of degraded land by microbe assisted bamboo plantation. <i>Industrial Crops and Products</i> , 2020, 155, 112795.	2.5	25

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91	Technologies for disinfection of food grains: Advances and way forward. Food Research International, 2021, 145, 110396.	2.9	25
92	Urban mining of obsolete computers by manual dismantling and waste printed circuit boards by chemical leaching and toxicity assessment of its waste residues. Environmental Pollution, 2021, 283, 117033.	3.7	25
93	Determination of landfill gas generation potential from lignocellulose biomass contents of municipal solid waste. Science of the Total Environment, 2021, 785, 147243.	3.9	25
94	Characterization of organophosphate pesticide sorption of potato peel biochar as low cost adsorbent for chlorpyrifos removal. Chemosphere, 2022, 297, 134112.	4.2	25
95	E-waste in Information and Communication Technology Sector: Existing scenario, management schemes and initiatives. Environmental Technology and Innovation, 2022, 27, 102797.	3.0	25
96	Aerated biofilters with multiple-level air injection configurations to enhance biological treatment of methane emissions. Bioresource Technology, 2017, 239, 219-225.	4.8	24
97	Response surface methodology and artificial neural network modelling for enhancing maturity parameters during vermicomposting of floral waste. Bioresource Technology, 2021, 324, 124672.	4.8	24
98	Determination of ignition temperature of municipal solid waste for understanding surface and sub-surface landfill fire. Waste Management, 2019, 97, 123-130.	3.7	23
99	Carbon material as a sustainable alternative towards boosting properties of urban soil and foster plant growth. Science of the Total Environment, 2021, 751, 141659.	3.9	23
100	Emerging microalgae-based technologies in biorefinery and risk assessment issues: Bioeconomy for sustainable development. Science of the Total Environment, 2022, 813, 152417.	3.9	22
101	Artificial neural network modelling in biological removal of organic carbon and nitrogen for the treatment of slaughterhouse wastewater in a batch reactor. Environmental Technology (United Kingdom), 2021, 42(14), 1741-1750.	3.14	21
102	Environmental quality monitoring and impact assessment of solid waste dumpsites in high altitude sub-tropical regions. Journal of Environmental Management, 2019, 252, 109681.	3.8	21
103	Ecological restoration of coal fly ash dumped area through bamboo plantation. Environmental Science and Pollution Research, 2021, 28, 33416-33432.	2.7	21
104	Traditional System Versus DNA Barcoding in Identification of Bamboo Species: A Systematic Review. Molecular Biotechnology, 2021, 63, 651-675.	1.3	21
105	Field-scale operation of methane biofiltration systems to mitigate point source methane emissions. Environmental Pollution, 2011, 159, 1715-1720.	3.7	19
106	Enhanced nodulation and higher germination using sludge ash as a carrier for biofertilizer production. Journal of Environmental Management, 2019, 250, 109523.	3.8	19
107	Characterization and phytotoxicity assessment of organic pollutants in old and fresh municipal solid wastes at open dump site: A case study. Environmental Technology and Innovation, 2021, 24, 101938.	3.0	19
108	Industrial wastewater purification through metal pollution reduction employing microbes and magnetic nanocomposites. Journal of Environmental Chemical Engineering, 2021, 9, 106673.	3.3	19

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109	Biodegradation of Reactive Yellow-145 azo dye using bacterial consortium: A deterministic analysis based on degradable Metabolite, phytotoxicity and genotoxicity study. <i>Chemosphere</i> , 2022, 300, 134504.	4.2	19
110	Life-cycle assessment approach for municipal solid waste management system of Delhi city. <i>Environmental Research</i> , 2022, 212, 113424.	3.7	19
111	The role of non-governmental organizations in residential solid waste management: A case study of Puducherry, a coastal city of India. <i>Waste Management and Research</i> , 2014, 32, 867-881.	2.2	18
112	Specific heat and thermal conductivity of municipal solid waste and its effect on landfill fires. <i>Waste Management</i> , 2020, 116, 120-130.	3.7	18
113	Formulating LandGem model for estimation of landfill gas under Indian scenario. <i>International Journal of Environmental Technology and Management</i> , 2014, 17, 293.	0.1	17
114	Bio-Hythane production from organic fraction of municipal solid waste in single and two stage anaerobic digestion processes. <i>Bioresource Technology</i> , 2019, 294, 122220.	4.8	17
115	Characterization of distillery sludge for its thermal properties and ascertaining its utilization as a low-cost fuel. <i>Journal of Cleaner Production</i> , 2020, 259, 120872.	4.6	17
116	Estimation of spontaneous waste ignition time for prevention and control of landfill fire. <i>Waste Management</i> , 2022, 139, 258-268.	3.7	17
117	Hazardous Waste Management System in India: An Overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2007, 38, 43-71.	6.6	16
118	Development of correction factors for landfill gas emission model suiting Indian condition to predict methane emission from landfills. <i>Bioresource Technology</i> , 2014, 168, 97-99.	4.8	16
119	Improved bio-hydrogen production by overexpression of glucose-6-phosphate dehydrogenase and FeFe hydrogenase in <i>Clostridium acetobutylicum</i> . <i>International Journal of Hydrogen Energy</i> , 2021, 46, 36687-36695.	3.8	16
120	Rapid-in-house composting of organic solid wastes with fly ash supplementation: Performance evaluation at thermophilic exposures. <i>Bioresource Technology</i> , 2021, 337, 125386.	4.8	15
121	<i>Achromobacter denitrificans</i> strain SP1 produces an intracellular esterase upon utilizing di(2ethylhexyl)phthalate. <i>International Biodeterioration and Biodegradation</i> , 2015, 105, 160-167.	1.9	14
122	Combustion of distillery sludge mixed with coal in a drop tube furnace and emission characteristics. <i>Energy</i> , 2021, 221, 119871.	4.5	14
123	Electronic waste pollution and the COVID-19 pandemic. <i>Environmental Chemistry Letters</i> , 2022, 20, 971-974.	8.3	14
124	Synergistic optimization of electrocoagulation process parameters using response surface methodology for treatment of hazardous waste landfill leachate. <i>Chemosphere</i> , 2022, 290, 133255.	4.2	14
125	Bioprospecting culturable and unculturable microbial consortia through metagenomics for bioremediation. , 2022, 2, 100017.		14
126	Sulfate attack on concrete in simulated cast-in-situ and precast situations. <i>Cement and Concrete Research</i> , 1995, 25, 1-8.	4.6	13

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127	Methane potential from municipal biowaste: Insights from six communities in Maharashtra, India. <i>Bioresource Technology</i> , 2018, 254, 224-230.	4.8	13
128	Estimation of heat generation and consequent temperature rise from nutrients like carbohydrates, proteins and fats in municipal solid waste landfills in India. <i>Science of the Total Environment</i> , 2020, 707, 135610.	3.9	13
129	Shift of microbial community structure by substrate level in dynamic membrane bioreactor for biohydrogen production. <i>International Journal of Energy Research</i> , 2021, 45, 17408-17416.	2.2	12
130	Remediation of noxious wastewater using nanohybrid adsorbent for preventing water pollution. <i>Chemosphere</i> , 2022, 292, 133380.	4.2	12
131	Inhibitory effects of acidic pH and confounding effects of moisture content on methane biofiltration. <i>Bioresource Technology</i> , 2017, 245, 633-640.	4.8	11
132	Current Developments in Biotechnology and Bioengineering and Waste Treatment Processes for Energy Generation. , 2019, , 1-9.		11
133	Removal of crystal violet by Cu-chitosan nano-biocomposite particles using Boxâ€œBehnken design. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105847.	3.3	11
134	Design and development of indoor device for recycling of domestic vegetable scrap. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 326-334.	1.2	10
135	Efficacy of sensor assisted vacuum hermetic storage against chemical fumigated wheat. <i>Journal of Stored Products Research</i> , 2020, 88, 101640.	1.2	10
136	Aerobic degradation of decabrominated diphenyl ether through a novel bacterium isolated from municipal waste dumping site: Identification, degradation and metabolic pathway. <i>Bioresource Technology</i> , 2021, 333, 125208.	4.8	10
137	Evaluation of bio-hydrogen production using rice straw hydrolysate extracted by acid and alkali hydrolysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 37385-37393.	3.8	10
138	Evaluation of pyrolysis and gasification of distillery sludge and bio-compost mixed with coal. <i>Fuel</i> , 2022, 319, 123750.	3.4	10
139	Food waste and soybean curd residue composting by black soldier fly. <i>Environmental Research</i> , 2022, 214, 113792.	3.7	10
140	Phytocapping: an alternate cover option for municipal solid waste landfills. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 2242-2249.	1.2	9
141	Open dumping of organic waste: Associated fire, environmental pollution and health hazards. , 2022, , 15-31.		9
142	Effective Municipal Solid Waste Management in India. , 0, , .		8
143	Application of remote sensing for assessment of change in vegetation cover and the subsequent impact on climatic variables. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41675-41687.	2.7	8
144	Polybrominated diphenyl ethers (PBDEs) in Indian wastewater treatment plant: Occurrence, mass flow and removal. <i>Chemosphere</i> , 2022, 303, 135055.	4.2	8

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145	Feasibility of Landfill Gas as a Liquefied Natural Gas Fuel Source for Refuse Trucks. Journal of the Air and Waste Management Association, 2008, 58, 613-619.	0.9	7
146	Simplified Kinetic Analysis for Composting of Municipal Solid Waste. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2009, 13, 179-186.	0.4	7
147	Live loads in office buildings: point-in-time load intensity. Building and Environment, 2002, 37, 79-89.	3.0	6
148	Live loads in office buildings: lifetime maximum load. Building and Environment, 2002, 37, 91-99.	3.0	6
149	A systematic review on options for sustainable treatment and resource recovery of distillery sludge. Chemosphere, 2021, 263, 128225.	4.2	6
150	Reduction of chemical oxygen demand through electrocoagulation: an exclusive study for hazardous waste landfill leachate. Environmental Science and Pollution Research, 2022, 29, 7583-7594.	2.7	6
151	Emission characteristics for combustion of sludge with coal in a grate furnace aimed at boiler application. Fuel, 2022, 324, 124598.	3.4	6
152	Cost-benefit analysis of landfill system with gas recovery for municipal solid waste management: a case study. International Journal of Environmental Studies, 2004, 61, 637-650.	0.7	5
153	Leachate from market refuse and biomethanation study. Environmental Monitoring and Assessment, 2007, 135, 49-53.	1.3	5
154	Anaerobic digestion of vegetable market waste in India. World Review of Science, Technology and Sustainable Development, 2010, 7, 217.	0.3	5
155	Landfill Gas to Energy Applications in India: Prefeasibility Analysis of Mumbai Landfills. Journal of Hazardous, Toxic, and Radioactive Waste, 2012, 16, 250-257.	1.2	5
156	Polybrominated diphenyl ethers in the environment: a wake-up call for concerted action in India. Environmental Science and Pollution Research, 2021, 28, 44693-44715.	2.7	5
157	Composting: A Sustainable Route for Processing of Biodegradable Waste in India. , 2020, , 39-60.		5
158	Phytocapping technology for sustainable management of contaminated sites: case studies, challenges, and future prospects. , 2022, , 601-616.		5
159	Chromium and nickel migration study through fine grained soil. Journal of Hazardous Materials, 2009, 170, 1192-1196.	6.5	4
160	Role of final cover soil in regulating volatile organic compounds: emissions from solid waste disposal sites in developing countries. International Journal of Environment and Pollution, 2010, 43, 3.	0.2	4
161	The use of methanotrophic applications to control of fugitive methane emissions from the biodegradation of organic waste. International Journal of Environmental Technology and Management, 2012, 15, 524.	0.1	4
162	Mining for Recovery as an Option for Dumpsite Rehabilitation: A Case Study from Nagpur, India. Journal of Environmental Engineering and Science, 2019, , 1-9.	0.3	4

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163	Structural characterization of LDPE films to analyse the impact of heavy metals and effect of UV pre-treatment on polymer degradation. <i>Journal of Cleaner Production</i> , 2021, 298, 126670.	4.6	4
164	Challenges and opportunities associated with wastewater treatment systems. , 2021, , 259-283.		4
165	Adsorptive Chromium Removal by Some Clayey Soil for Abatement of Tannery Waste Pollution. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2012, 16, 243-249.	1.2	3
166	Municipal solid waste: zero tolerance management strategy. <i>International Journal of Environmental Technology and Management</i> , 2014, 17, 113.	0.1	3
167	Disposal of Kitchen Waste from High Rise Apartment. <i>Journal of the Institution of Engineers (India): Series A</i> , 2017, 98, 237-243.	0.6	3
168	Life cycle assessment for better sustainability: methodological framework and application. , 2021, , 119-134.		3
169	Evaluation of distillery sludge as a soil amendment for improving soil quality and sugarcane (CO-265) yield. <i>Environmental Technology and Innovation</i> , 2021, 23, 101624.	3.0	3
170	New generation technologies for solid waste management. , 2021, , 77-106.		3
171	Field study on the effect of vegetation on the performance of soil methanotrophy-based engineered systems “ Column experiments. <i>Soil Biology and Biochemistry</i> , 2022, 167, 108583.	4.2	3
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