List of SCI Papers JAN to DEC 2023 by CSIR-NEERI

Sr. No.	Division	Author Names	Title	Source	Volume, Issue & Page No.	IF (2022)
1	EISD	Puri, Mehak; Gandhi, Kavita; Kumar, M. Suresh	The occurrence, fate, toxicity, and biodegradation of phthalate esters: An overview	WATER ENVIRONMENT RESEARCH	95(1), e10832	3.1
2	WTMD CTMD	Dhyani, Shalini; Shukla, Jayshree; Kadaverugu, Rakesh; Dasgupta, Rajarshi; Panda, Muktipada; Kundu, Sudip Kumar; Santhanam, Harini; Pujari, Paras R.; Kumar, Pankaj; Hashimoto, Shizuka	Participatory Stakeholder Assessment for Drivers of Mangrove Loss to Prioritize Evidence-Based Conservation and Restoration in Bhitarkanika and Mahanadi Delta, India	SUSTAINABILITY	15(2), AN963	3.9
3	EISD	Rashid, Hera; Nidheesh, P. V.	Degradation of Textile Dye by Bimetallic Oxide Activated Peroxymonosulphate Process	CATALYSTS	13(1), AN195	3.9
4	DZC	Mishra, Manisha; Gulia, Sunil; Shukla, Nidhi; Goyal, S. K.; Kulshrestha, Umesh C.	Review of Secondary Aerosol Formation and Its Contribution in Air Pollution Load of Delhi NCR	WATER AIR AND SOIL POLLUTION	234(1)	2.9
5	EBGD	Sawarkar, Riya; Shakeel, Adnan; Kokate, Piyush A.; Singh, Lal	Organic Wastes Augment the Eco-Restoration Potential of Bamboo Species on Fly Ash-Degraded Land: A Field Study	SUSTAINABILITY	15(1), An755	3.9

6	HTC	Patil, Sakshi; Kamdi, Pooja; Chakraborty, Soumya; Das, Sera; Bafana, Amit; Krishnamurthi, Kannan; Sivanesan, Saravanadevi	Characterization and removal of microplastics in a sewage treatment plant from urban Nagpur, India	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(1), AN47	3
7	CTMD	Kadaverugu, Rakesh	A comparison between WRF-simulated and observed surface meteorological variables across varying land cover and urbanization in south-central India	EARTH SCIENCE INFORMATICS	16,147-163	2.8
8	WRD	Kumar, Vineet; Kumar, Sunil; Americo-Pinheiro, Juliana Heloisa Pine; Vinthange, Meththika; Sher, Farooq	Editorial: Emerging approaches for sustainable management for wastewater	FRONTIERS IN ENVIRONMENTAL SCIENCE	10; AN1122659	4.6
9	ERMD CTMD	Mirza, Shahid; Niwalkar, Amol; Gupta, Ankit; Gautam, Sneha; Anshul, Avneesh; Bherwani, Hemant; Biniwale, Rajesh; Kumar, Rakesh	Is safe distance enough to prevent COVID-19? Dispersion and tracking of aerosols in various artificial ventilation conditions using OpenFOAM	GONDWANA RESEARCH	114, 40-54	6.1
10	ERMD CTMD	Wathore, Roshan; Rawlekar, Samyak; Anjum, Saima; Gupta, Ankit; Bherwani, Hemant; Labhasetwar, Nitin; Kumar, Rakesh	Improving performance of deep learning predictive models for COVID-19 by incorporating environmental parameters	GONDWANA RESEARCH	114, 69-77	6.1

11	ERMD	Kumar, Manish; Kumar, Arvind; Raj, Abhishek; Kr. Singh, Pramod; Anshul, Avneesh	Effect of Band-Gap Tuning and Series Resistance on PCE of Optimized MAPbI(3)-Based PSC by SCAPS-1D Simulation	MACROMOLECULAR SYMPOSIA	407(1)	0
12	ERMD	Raj, Abhishek; Kumar, Manish; Kumar, Arvind; Khan, Ziaul Raza; Anshul, Avneesh	Effect of Series Resistance and Temperature on PCE of Double Perovskite La2NiMnO6-Based PSC	MACROMOLECULAR SYMPOSIA	407(1)	0
13	WWTD	Laxmi, Vijaya; Thakre, Chaitanya; Bisarya, Abhishek; Vijay, Ritesh	Design and development of light weight porous matrix using industrial waste	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	30(1), 94-102	0.9
14	CZC	Mohanty, Roshnara; Nayak, Manoranjan; Sekar, Thangavel; Thirunavoukkarasu, Manikkannan	Adsorption of Selenium and Lanthanum by Agrobacterium-mediated Hairy Roots of Hybanthus Enneaspermus (L.) F. Muell: A Greener Phytoremediation Strategy	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	110(2), AN54	2.7
15	PDPMD ERMD CTMD	Kumar, Ashutosh; Raj, Abhishek; Gupta, Ankit; Gautam, Sneha; Kumar, Manish; Bherwani, Hemant; Anshul, Avneesh	Pollution free UV-C radiation to mitigate COVID-19 transmission	GONDWANA RESEARCH	114, 78-86	6.1
16	EBGD	Gupta, Rakesh Kumar; Fuke, Priya; Khardenavis, Anshuman A.; Purohit, Hemant J.	In Silico Genomic Characterization of Bacillus velezensis Strain AAK_S6 for Secondary Metabolite and Biocontrol Potential	CURRENT MICROBIOLOGY	80(2), 81	2.6

17	EBGD WWTD	Shukla, Varun; Panchal, Deepak; Prakash, Om; Mondal, Prasenjit; Hiwrale, Isha; Dhodapkar, Rita S.; Pal, Sukdeb	Magnetically engineered sulfurized peat-based activated carbon for remediation of emerging pharmaceutical contaminants	BIORESOURCE TECHNOLOGY	369, AN128395	11.4
18	WTMD	Shende, Akshay D.; Rao, N. N.; Pophali, Girish R.	Development of an improved solids-liquid separation reactor for floatable & settleable solids in DAF slurry of a slaughterhouse	JOURNAL OF WATER PROCESS ENGINEERING	51; AN103431	7
19	WRD	Mishra, Rahul; Kumar, Aman; Singh, Ekta; Kumar, Sunil	Recent Research Advancements in Catalytic Pyrolysis of Plastic Waste	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	11(6), 2033-2049	8.4
20	KZC	Moulick, Debojyoti; Ghosh, Dibakar; Mandal, Jajati; Bhowmick, Subhamoy; Mondal, Debapriya; Choudhury, Shuvasish; Santra, Subhas Chandra; Vithanage, Meththika; Biswas, Jayanta Kumar	A cumulative assessment of plant growth stages and selenium supplementation on arsenic and micronutrients accumulation in rice grains	JOURNAL OF CLEANER PRODUCTION	386; AN135764	11.1
21	EISD	Dutta, Smita; Kumar, M. Suresh	Potential use of thermophilic bacteria for second-generation bioethanol production using lignocellulosic feedstocks: a review	BIOFUELS-UK	14(8), 851-864	2.1
22	EBGD	Marathe, Deepak; Kumari, Kanchan; Thawale, Prashant; Singh, Anshika; Raghunathan, Karthik	Growth performance of different forestry species irrigated with moderately saline wastewater	INTERNATIONAL JOURNAL OF PHYTOREMEDIATION	25(12), 1579-1595	3.7

23	EBGD	Bolan, Shiv; Padhye, Lokesh P.; Kumar, Manish; Antoniadis, Vasileios; Sridharan, Srinidhi; Tang, Yuanyuan; Singh, Narendra; Hewawasam, Choolaka; Vithanage, Meththika; Singh, Lal; Rinklebe, Jorg; Song, Hocheol; Siddique, Kadambot H. M.; Kirkham, M. B.; Wang, Hailong; Bolan, Nanthi	Review on distribution, fate, and management of potentially toxic elements in incinerated medical wastes	ENVIRONMENTAL POLLUTION	321; AN121080	8.9
24	WWTD	Laxmi, Vijaya; Thakre, Chaitanya; Bisarya, Abhishek; Vijay, Ritesh	An innovative approach for the development of sound absorbing material using industrial wastes	CONSTRUCTION AND BUILDING MATERIALS	369; AN130523	7.4
25	KZC	Kumar, Navneet; Middey, Anirban	Extreme climate index estimation and projection in association with enviro-meteorological parameters using random forest-ARIMA hybrid model over the Vidarbha region, India	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(3), AN380	3
26	EISD	Sangeetha, A.; Gandhimathi, R.; Nidheesh, P. V.	Treatment of stabilized landfill leachate using pyrite-activated persulfate oxidation process	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	171, 413-422	7.8

27	WRD	Menon, Vikas; Sharma, Swati; Gupta, Shreya; Ghosal, Anujit; Nadda, Ashok Kumar; Jose, Rajan; Sharma, Pooja; Kumar, Sunil; Singh, Pardeep; Raizada, Pankaj	Prevalence and implications of microplastics in potable water system: An update	CHEMOSPHERE	317; AN137848	8.8
28	EBGD	Bokade, Priyanka; Bajaj, Abhay	Molecular advances in mycoremediation of polycyclic aromatic hydrocarbons: Exploring fungal bacterial interactions	JOURNAL OF BASIC MICROBIOLOGY	63(3-4), 239-256	3.1
29	KZC	Kumari, Sweta; Middey, Anirban	A comprehensive appraisal on the effect of aerosol on mountain glaciers: special reference to Sikkim Himalayan region of India	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	48(2); AN50	1.6
30	EISD	Badiger, Sourabh M.; Nidheesh, P. V.	Applications of biochar in sulfate radical-based advanced oxidation processes for the removal of pharmaceuticals and personal care products	WATER SCIENCE AND TECHNOLOGY	87(6), 1329-1348	2.7
31	HTC	Kamdi, Bhupesh; Barate, Abhijit; Kulurkar, Pankaj; Kaore, Megha; Bhandarkar, Arun; Singh, Rahul; Kurkure, Nitin	Pathology and molecular characterization of chicken infectious anemia virus and in silico antigen prediction	ANIMAL BIOTECHNOLOGY	34(9), 5160-5167	3.7
32	SEAF EISD	Puri, Mehak; Gandhi, Kavita; Kumar, M. Suresh	Emerging environmental contaminants: A global perspective on policies and regulations	JOURNAL OF ENVIRONMENTAL MANAGEMENT	332; AN117344	8.7

33	CHWMD	Jadhao, Pradip; Khare, Ankur; Patil, Mahendra; Kumar, Asirvatham Ramesh	Roles of surfactant, oxidant and activator on enhanced electrokinetic-persulfate technique for the removal of hydrophobic organic compounds in soil: A review	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(2); AN109525	7.7
34	EBGD	Mangrulkar, Priti A.; Manwar, Nilesh R.; Chilkalwar, Anushree A.; Deshpande, Aparna S.; Rayalu, Sadhana S.	In situ/photoinduced fabrication of Zn/ZnO nanoscale hetero-interfaces with concomitant generation of solar hydrogen	NEW JOURNAL OF CHEMISTRY	47(15), 7312-7317	3.3
35	EMD	Kumari, Shilpa; Bhende, Ankit; Pandit, Aniruddha; Rayalu, Sadhana	Efficiency enhancement of photovoltaic panel by heat harvesting techniques	ENERGY FOR SUSTAINABLE DEVELOPMENT	73, 303-314	5.5
36	WRD	Bhat, Sartaj Ahmad; Kumar, Vineet; Kumar, Sunil; Atabani, A. E.; Badruddin, Irfan Anjum; Chae, Kyu-Jung	Supercapacitors production from waste: A new window for sustainable energy and waste management	FUEL	337; AN127125	7.4
37	WTMD HTC	Maldhure, Atul; Rodge, Anupama; Kothe, Anjali; Nagarnaik, Pranav; Khadse, Gajanan; Bafana, Amit; Kumar, Mahesh; Labhasetwar, Pawan	Identification of environmental stress parameters to study the natural colour change of water in highly saline inland Crater Lake at Lonar, India	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(4); AN524	3
38	HTC	Nimkande, Vijay D. D.; Sivanesan, Saravanadevi; Bafana, Amit	Screening, identification, and characterization of lipase-producing halotolerant Bacillus altitudinis Ant19 from Antarctic soil	ARCHIVES OF MICROBIOLOGY	205(4); AN113	2.8

39	SEAF	Singh, Rajeev Pratap; Mahajan, Monika; Gandhi, Kavita; Gupta, Pankaj Kumar; Singh, Anita; Singh, Prafull; Singh, Rahul Kumar; Kidwai, Mohd Kashif	A holistic review on trend, occurrence, factors affecting pesticide concentration, and ecological risk assessment	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(4); AN451	3
40	CZC	Behera, Kanhu Charan; Mohanty, Roshnara; Ravikanth, Mangalampalli	3-Pyrrolyl BODIPY Based Schiff Base Fluorophores: A Selective Chemodosimetric and Optical Sensor for Diethyl Chlorophosphate	CHEMPLUSCHEM	88(5); ANe202300132	3.4
41	EBGD	Bhende, Rahul S.; Dafale, Nishant A.	Insights into the ubiquity, persistence and microbial intervention of imidacloprid	ARCHIVES OF MICROBIOLOGY	205(5); AN215	2.8
42	WTMD	Zurba, Melanie; Dhyani, Shalini; Mwaura, Grace; Sivadas, Deepu; Elegbede, Isa; Williamson, Douglas F.	Pathway to mainstream youth engagement and intergenerational partnership in nature conservation	FRONTIERS IN ECOLOGY AND THE ENVIRONMENT	21(4), 175-181	10.3
43	EBGD	Ansari, Suhel Aneesh; Shakeel, Adnan; Sawarkar, Riya; Maddalwar, Shrirang; Khan, Debishree; Singh, Lal	Additive facilitated co-composting of lignocellulosic biomass waste, approach towards minimizing greenhouse gas emissions: An up to date review	ENVIRONMENTAL RESEARCH	224; AN115529	8.3
44	EVC	Samson, Rachel; Rajput, Vinay; Yadav, Rakeshkumar; Shah, Manan; Dastager, Syed; Khairnar, Krishna; Dharne, Mahesh	Spatio-temporal variation of the microbiome and resistome repertoire along an anthropogenically dynamic segment of the Ganges River, India	SCIENCE OF THE TOTAL ENVIRONMENT	872; AN162125	9.8

45	WWTD	Sethi, Shradhanjali; Gupta, Rohan; Bharshankh, Ankita; Sahu, Rojalin; Biswas, Rima	Celebrating 50 years of microbial granulation technologies: From canonical wastewater management to bio-product recovery	SCIENCE OF THE TOTAL ENVIRONMENT	872; AN162213	9.8
46	KZC	Mondal, Tridib; Choudhury, Moharana; Kundu, Debajyoti; Dutta, Deblina; Samanta, Palas	Landfill: An eclectic review on structure, reactions and remediation approach	WASTE MANAGEMENT	164, 127-142	8.1
47	ERMD	Raj, Abhishek; Kumar, Manish; Anshul, Avneesh	Topical advances in fabrication technologies of perovskite solar cell heterostructures: Performance and future perspective	MATERIALS LETTERS	340; AN134171	3
48	WRD	Singh, Deval; Tembhare, Mamta; Machhirake, Nitesh; Kumar, Sunil	Impact of municipal solid waste landfill leachate on biogas production rate	JOURNAL OF ENVIRONMENTAL MANAGEMENT	336; AN117643	8.7
49	EISD	Nidheesh, P. V.; Mousazadeh, Milad; Sillanpaa, Mika; Frontistis, Zacharias	Advanced oxidation processes for contaminants of emerging concern	WATER SCIENCE AND TECHNOLOGY	87(11), III	2.7
50	WTMD	Patel, Raj Vardhan; Gajera, Rutuben; Vyas, Bipin G.; Labhasetwar, Pawan; Yadav, Anshul	Compendium of technologies for the treatment of reverse osmosis concentrate from inland desalination plants	CHEMICAL PAPERS	77, 5623-5639	2.2
51	EISD	Isaev, Abdulgalim B. B.; Shabanov, Nabi S. S.; Magomedova, Asiyat G. G.; Nidheesh, P. V.; Oturan, Mehmet A. A.	Electrochemical oxidation of azo dyes in water: a review	ENVIRONMENTAL CHEMISTRY LETTERS	21, 2863-2911	15.7

52	WWTD	Mamidisetti, Hanisha; Vijay, Ritesh	Dynamics of sewage outfall plumes based on Landsat-8-derived sea surface salinity and tidal characteristics	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30, 82311-82325	5.8
53	HTC	Nimkande, Vijay D.; Krishnamurthi, Kannan; Bafana, Amit	Potential of Antarctic lipase from Acinetobacter johnsonii Ant12 for treatment of lipid-rich wastewater: screening, production, properties and applications	BIODEGRADATION	34, 549-566	3.6
54	EBGD	Sawarkar, Riya; Shakeel, Adnan; Kumar, Tinku; Ansari, Suhel Aneesh; Agashe, Ashish; Singh, Lal	Evaluation of plant species for air pollution tolerance and phytoremediation potential in proximity to a coal thermal power station: implications for smart green cities	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	45, 7303-7322	4.2
55	EVC	Tomar, Siddharth Singh; Khairnar, Krishna	Challenges of SARS-CoV-2 genomic surveillance in India during low positivity rate scenario	FRONTIERS IN PUBLIC HEALTH	11; AN1117602	5.2
56	EISD	Puri, Mehak; Gandhi, Kavita; Kumar, M. Suresh	Degradation of endocrine-disrupting chemicals using various sulfate radical activation methods: kinetics and mechanism	JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY	98(10), 2401-2414	3.4
57	MZC	Dudhwadkar, Swapnil; Salunkhe, Abhaysinh; Tandon, Shalini A.; Goyal, Nitin	Passive inactivation of Candida parapsilosis in model indoor bioaerosol study using the visible photocatalytic activity of synthesized nanocomposite	CHEMICAL PAPERS	77(7), 3571-3587	2.2

58	WRD	Kumari, Archana; Upadhyay, Vidisha; Kumar, Sunil	A critical insight into occurrence and fate of polycyclic aromatic hydrocarbons and their green remediation approaches	CHEMOSPHERE	329; AN138579	8.8
59	CHWMD DIR	Khare, Ankur; Jadhao, Pradip; Kawre, Shatabdi; Kanade, Gajanan; Patil, Mahendra; Vaidya, Atul Narayan; Kumar, Asirvatham Ramesh	Occurrence, spatio-temporal variation and ecological risk assessment of benzotriazole ultraviolet stabilizers (BUVs) in water and sediment of rivers in central India	SCIENCE OF THE TOTAL ENVIRONMENT	882; AN163381	9.8
60	DZC EBGD	Yerulker, Guneshwari; Patel, Priya; Chafale, Ayushi; Rathod, Visha; Das, Sandeep; Pandey, Piyush; Khan, Noor Afshan; Devi, Arundhuti; Munshi, Nasreen S.; Dhodapkar, Rita; Kapley, Atya	Comparative assessment of soil microbial community in crude oil contaminated sites	ENVIRONMENTAL POLLUTION	328; AN121578	8.9
61	WRD	Li, Wangliang; Gupta, Rohit; Zhang, Zhikai; Cao, Lixia; Li, Yanqing; Show, Pau Loke; Kumar, Sunil; Gupta, Vijaya Kumar; Lin, Kun-Yi Andrew; Varjani, Sunita; Connelly, Stephanie; You, Siming	A review of high-solid anaerobic digestion (HSAD): From transport phenomena to process design	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	180; AN113305	15.9
62	WRD	Tiwari, Rahul; Azad, Numanuddin; Dutta, Deblina; Yadav, Bholu Ram; Kumar, Sunil	A critical review and future perspective of plastic waste recycling	SCIENCE OF THE TOTAL ENVIRONMENT	881; AN163433	9.8

63	EISD	Srivastava, Vartika; Jadhao, Pradip S.; Kumar, M. Suresh	Anaerobic degradation of hexachlorocyclohexane: Factors influencing the reactor start-up	JOURNAL OF WATER PROCESS ENGINEERING	53; AN103833	7
64	EISD	Nidheesh, P. V.; Gokkus, Omur	Aerated iron electrocoagulation process as an emerging treatment method for natural water and wastewater	SEPARATION SCIENCE AND TECHNOLOGY	58(11), 2041-2063	2.8
65	DZC	Shukla, Nidhi; Gulia, Sunil; Goyal, Prachi; Dey, Swagata; Bosu, Parthaa; Goyal, S. K.	Performance-based protocol for selection of economical portable sensor for air quality measurement	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(7); AN845	3
66	EBGD	Gupta, Rakesh Kumar; Tikariha, Hitesh; Purohit, Hemant J.; Khardenavis, Anshuman A.	Pangenome-driven insights into nitrogen metabolic characteristics of Citrobacter portucalensis strain AAK_AS5 associated with wastewater nitrogen removal	ARCHIVES OF MICROBIOLOGY	205(7); AN270	2.8
67	APC	Chelani, Asha B.	Fractal behaviour of benzene concentration near refinery, traffic junctions and residential locations in India	ATMOSPHERIC POLLUTION RESEARCH	14(7); AN101798	4.5
68	EBGD	Yesankar, Prerna J.; Patil, Ayurshi; Kapley, Atya; Qureshi, Asifa	Catalytic resilience of multicomponent aromatic ring-hydroxylating dioxygenases in Pseudomonas for degradation of polycyclic aromatic hydrocarbons	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	39(7); AN166	4.1
69	KZC	Singh, Anshika; Marathe, Deepak; Kumari, Kanchan	Small scale rearing of Black Soldier fly (Hermetia illucens L.) as a function of two different light sources	INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE	43, 1451-1462	1.2

70	EMD	Kotkondawar, Abhay Vijay; Moinuddin, Afsha Anjum; Rayalu, Sadhana Suresh	Plasmon-Induced and Multichannel Electron Transfer-Improved Photocatalytic Hydrogen Production by CdS-Au-Pt Heterostructure	ACS APPLIED ENERGY MATERIALS	6(14); 7692-7701	6.4
71	SEAF	Lokhande, Satish K. K.; Kale, Vinit B. B.; Jain, Mohindra C. C.	Road tunnel noise: monitoring, prediction and evaluation of noise-induced hearing loss	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30, 86338-86351	5.8
72	WWTD	Patwa, A.; Vijay, R.; Kumar, R.	Design and development of a unique shaft for composting of household organic waste	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	21, 2773-2780	3.1
73	KZC	Majumdar, Dipanjali; Mondal, Rita; Mondal, Abhijeet; Sen, Kamalika; Majumdar, Deepanjan	Micromorphology of size-segregated aerosols and their airway deposition in public transport commuters	AIR QUALITY ATMOSPHERE AND HEALTH	16, 2133-2147	5.1
74	EBGD	Mishra, Apurva; Singh, Dharmesh; Hathi, Zubeen; Purohit, Hemant J.; Philip, Annie; Uthup, Thomas K.; Singh, Lal	Soil microbiome dynamics associated with conversion of tropical forests to different rubber based land use management systems	APPLIED SOIL ECOLOGY	188; AN104933	4.8
75	EMD	Kularkar, Ankush; Chaudhari, Sachin D.; Rohilla, Garima; Ravi, Mudavath; Reddy, P. Muralidhar; Nagababu, Penumaka	An insight into mimic of photo-Fenton degradation of ciprofloxacin and tetracycline	SEPARATION AND PURIFICATION TECHNOLOGY	319; AN124100	8.6
76	WRD	Roy, Sampriti; Rautela, Rahul; Kumar, Sunil	Towards a sustainable future: Nexus between the sustainable development goals and waste management in the built environment	JOURNAL OF CLEANER PRODUCTION	415; AN137865	11.1

77	APC	Chelani, Asha B.; Gautam, Sneha	Fractality in PM2.5 Concentrations During the Dry and Wet Season over Indo-Gangetic Plain, India	WATER AIR AND SOIL POLLUTION	234(8); AN502	2.9
78	EBGD	Nakhate, Suraj P.; Gulhane, Madhuri; Singh, Ashish K.; Purohit, Hemant J.; Shah, Maulin P.; Khardenavis, Anshuman A.	Trace metals as key controlling switches regulating the efficiencies of aerobic and anaerobic bioprocesses	BIOCHEMICAL ENGINEERING JOURNAL	198; AN108999	3.9
79	EMD	Kularkar, Ankush; Chaudhari, Sachin; Pola, Someshwar; Rayalu, Sadhana S.; Chan, Sunney I.; Nagababu, Penumaka	Hijacking the hydrogen atoms in photo-splitting of H2O2 for efficient reduction of CO2 to CH3OH	FUEL	349; AN128716	7.4
80	WRD	Nadda, Ashok Kumar; Dutta, Deblina; Kumar, Anuj; Sharma, Kriti; Panda, Pritam Kumar; Kundu, Debajyoti; Yadav, Deepti; Kumar, Sunil; Lam, Su Shiung	Chemistry of CO2-phillic materials in enzyme-based hybrid interfacial systems: Implications, strategies and applications	FUEL PROCESSING TECHNOLOGY	250; AN107905	7.5
81	EBGD	Andraskar, J; Yadav, S; Khan, D; Kapley, A	Treatment Options for Municipal Solid Waste by Composting and Its Challenges	INDIAN JOURNAL OF MICROBIOLOGY	63(3), 235-243	3
82	APC	Arfin, T; Pillai, AM; Mathew, N; Tirpude, A; Bang, R; Mondal, P	An overview of atmospheric aerosol and their effects on human health	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(60), 125347-125369	5.8
83	WRD	Arya, S; Sharma, R; Rautela, R; Kumar, S	Conversion of obsolete keyboard plastics mixed with egg shells and fly ash into concrete brick cubes	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	57, AN 103253	8

84	EMD	Awasthi, A; Wankhede, U; Gandhi, K; Rayalu, S	Carbon nanoparticle facilitated functional pyramid solar distillation unit for wastewater treatment	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(5), AN 110930	7.7
85	EISD	Badiger, SM; Nidheesh, PV	Applications of biochar in sulfate radical-based advanced oxidation processes for the removal of pharmaceuticals and personal care products	WATER SCIENCE AND TECHNOLOGY	87(6), 1329-1348	2.7
86	EISD	Bhambore, N; Kumar, MS	Assessing seasonal fluctuations in leachate chemical properties and leachate pollution index as contamination indicators	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(12), AN 1432	3
87	WWTD	Bobde, P; Sharma, AK; Kumar, R; Pal, S; Pandey, JK; Wadhwa, S	Adsorptive removal of oxytetracycline using MnO2-engineered pine-cone biochar: thermodynamic and kinetic investigation and process optimization	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(11), AN 1291	3
88	EBGD	Chafale, A; Das, S; Kapley, A	Valorization of oily sludge waste using biosurfactant-producing bacteria	WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY	39 (11), AN 316	4.1
89	WTMD	Cooper, HD; Mumba, M; Dhyani, S; Shen, XL; Ma, KP; Wynberg, R; Laird, S; Rodriguez, JP	Priorities for progress towards Sustainable Development Goal 15 'Life on land'	NATURE ECOLOGY & EVOLUTION	7(10), 1570-1575	16.8
90	WRD	Dey, S; Samanta, P; Dutta, D; Kundu, D; Ghosh, AR; Kumar, S	Face masks: a COVID-19 protector or environmental contaminant?	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(41), 93363-93387	5.8

91	CTMD	Dhole, A; Kadaverugu, R; Tomar, S; Biniwale, R; Sharma, A	Impact of land cover classes on surface temperature in the vicinity of urban lakes and vegetation patches: A non-parametric regression analysis over decadal data	EARTH SCIENCE INFORMATICS	16, 3947-3961	2.8
92	WTMD	Dhyani, S	Are Himalayan ecosystems facing hidden collapse? Assessing the drivers and impacts of change to aid conservation, restoration and conflict resolution challenges	BIODIVERSITY AND CONSERVATION	32(12), 3731-3764	3.4
93	WRD	Eikelboom, M; Wang, YX; Portlock, G; Gourain, A; Gardner, J; Bullen, J; Lewtas, P; Carriere, M; Alvarez, A; Kumar, A; O'Prey, S; Tölgyes, T; Omanovic, D; Bhowmick, S; Weiss, D; Salaun, P	Voltammetric determination of inorganic arsenic in mildly acidified (pH 4.7) groundwaters from Mexico and India	ANALYTICA CHIMICA ACTA	1276, AN 341589	6.2
94	WTMD	Freni, G; Kourgialas, NN; Labhasetwar, P	Editorial: Water Supply welcomes new Editors-in-Chief	WATER SUPPLY	23(10), III-iV	1.7
95	WRD	Ganeshan, P; Vigneswaran, VS; Gowd, SC; Mishra, R; Singh, E; Kumar, A; Kumar, S; Pugazhendhi, A; Rajendran, K	Bioenergy with carbon capture, storage and utilization: Potential technologies to mitigate climate change	BIOMASS & BIOENERGY	177, AN 106941	6
96	KZC	Garsa, K; Khan, A; Jindal, P; Middey, A; Luqman, N; Mohanty, H; Tiwari, S	Assessment of meteorological parameters on air pollution variability over Delhi	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(11), AN 1315	3

97	DZC	Goel, SG; Gupta, R	Quantifying indoor PM2.5 reduction through control measures	CURRENT SCIENCE	125(12), 1334-1338	1
98	WWTD	Gupta, R; Sethi, S; Sahu, R; Bharshankh, A; Biswas, R	Long-term effect of seasonal and constant low temperatures on mesophilic biomass treating sewage in continuously stirred tank anaerobic granular reactor	BIORESOURCE TECHNOLOGY	386, AN 129471	11.4
99	CHWMD	Hemne, A; Kale, GR	Thermo-Catalytic Conversion of Waste Thermocol and Acrylic to Paint	INDIAN JOURNAL OF ENGINEERING AND MATERIALS SCIENCES	30(6), 780-787	0.9
100	EBGD	Kapley, A; Sheeraz, MS; Kukade, S; Ansari, A; Qureshi, A; Bajaj, A; Khan, NA; Tandon, S; Jain, R; Dudhwadkar, S; Sharma, S; Siva, AB	Antibiotic resistance in wastewater: Indian scenario	ENVIRONMENTAL POLLUTION	337, AN 122586	8.9
101	WRD	Kar, S; Dey, S; Chowdhury, KB; Ghosh, SK; Mukhopadhyay, J; Kumar, S; Ghosh, S; Majumdar, S	Phyto-assisted synthesis of CuO/industrial waste derived biochar composite for adsorptive removal of doxycycline hydrochloride and recycling of spent biochar as green energy storage device	ENVIRONMENTAL RESEARCH	236, AN 116824	8.3
102	CHWMD DIR	Khare, A; Jadhao, P; Vaidya, AN; Kumar, AR	Benzotriazole UV stabilizers (BUVs) as an emerging contaminant of concern: a review	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(59), 124215-124231	5.8

103	ERMD	Kumar, M; Kumar, A; Sharma, S; Chourasia, RK; Kumar, R; Dabas, S; Singh, A; Anshul, A	Investigations on low temperature magnetic and magnetoelectric properties of multiferroic-NiO nanocomposites	JOURNAL OF ALLOYS AND COMPOUNDS	965, AN 171353	6.2
104	WRD	Kumar, S; Nadda, AK	Agri-food waste as environmental pollutant: Root causes, challenges and solution	ENVIRONMENTAL POLLUTION	336, AN 122412	8.9
105	EMD	Kumari, S; Bhende, A; Pandit, A; Rayalu, S	Efficiency enhancement of photovoltaic panel by heat harvesting techniques (vol 73, pg 303, 2023)	ENERGY FOR SUSTAINABLE DEVELOPMENT	76, AN 101307	5.5
106	EMD KZC	Kumari, S; Middey, A	A comprehensive appraisal on the effect of aerosol on mountain glaciers: special reference to Sikkim Himalayan region of India	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	48(2), AN 50	1.6
107	EMD KZC	Kumari, S; Middey, A	Prediction of glaciated area fraction over the Sikkim Himalayan Region, India: a comparative study using response surface method, random forest, and artificial neural network	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(10), AN 1230	3
108	WTMD	Lahoti, SA; Lahoti, A; Dhyani, S; Saito, O	Preferences and Perception Influencing Usage of Neighborhood Public Urban Green Spaces in Fast Urbanizing Indian City	LAND	12(9), AN 1664	3.9
109	KZC	Majumdar, D; Ray, R; Biswas, B; Bhatia, A	Urban Sewage Canal sediment in Kolkata Metropolis (India) is a potent producer of greenhouse gases	URBAN CLIMATE	51, AN 101688	6.4

110	WRD	Mishra, R; Kumar, A; Singh, E; Kumari, A; Kumar, S	Synthesis of graphene oxide from biomass waste: Characterization and volatile organic compounds removal	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	180, 800-807	7.8
111	EBGD	Nair, SS; Marasini, R; Buck, L; Dhodapkar, R; Marugan, J; Lakshmi, KV; McGuigan, KG	Life cycle assessment comparison of point-of-use water treatment technologies: Solar water disinfection (SODIS), boiling water, and chlorination	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(3), AN 110015	7.7
112	Others	Nallapaneni, MK; Hait, S; Priya, A; Bohra, V	From Trash to Treasure: Unlocking the Power of Resource Conservation, Recycling, and Waste Management Practices	SUSTAINABILITY	15(18), AN 13863	3.9
113	WTMD	Naved, MM; Wathore, R; Kumbhare, H; Gupta, A; Labhasetwar, N	Community kitchen tandoors (CKT)-a potential candidate for air pollution mitigation strategies?	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(19), 56317-56329	5.8
114	EBGD DIR	Pardeshi, S; Sharma, R; Shanker, R; Joseph, J; Khan, D; Vaidya, A; Dhodapkar, R	Mechanical recycling scenarios in India through the lens of plastic circular economy	JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT	25(6), 3425-3439	3.1
115	HTC	Pawar, NA; Prakash, C; Kohli, MPS; Jamwal, A; Dalvi, RS; Devi, BN; Singh, SK; Gupta, S; Lende, SR; Sontakke, SD; Gupta, S; Jadhao, SB	Fructooligosaccharide and Bacillus subtilis synbiotic combination promoted disease resistance, but not growth performance, is additive in fish	SCIENTIFIC REPORTS	13(1), AN 11345	4.6

116	SEAF	Prasad, P; Raut, P; Barnwal, RP; Bodhe, GL	A STUDY ON OUTDOOR AIR POLLUTION AND NOISE DATA COLLECTED USING SENSOR DEVICES IN DELHI, INDIA	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	22(6), 1009-1018	1.1
117	MZC	Rajput, RB; Salunkhe, A; Kale, RB	Solar light induced photocatalytic degradation of textile dyes using solvothermally synthesized SnO2 impregnated pumice stone	PHYSICA SCRIPTA	98(10), AN 105911	2.9
118	EISD	Raju, M; Gandhimathi, R; Nidheesh, PV	The cause, fate and effect of microplastics in freshwater ecosystem: Ways to overcome the challenge	JOURNAL OF WATER PROCESS ENGINEERING	55, AN 104199	7
119	WRD	Rathika, K; Kumar, S; Yadav, BR	From pollutant to powerhouse: The untapped potential of sewage sludge and wastewater	EMBO REPORTS	24(12)	7.7
120	WRD	Rautela, R; Yadav, BR; Kumar, S	A review on technologies for recovery of metals from waste lithium-ion batteries	JOURNAL OF POWER SOURCES	580, AN 233428	9.2
121	WRD	Ray, A; Kumar, M; Karim, AA; Biswas, K; Mohanty, S; Shadangi, KP; Kumar, S; Sarkar, B	Potassium-phosphorus-sulfur augmented biochar production from potentially toxic elements abated gypsum pond wastewater of phosphate fertilizer industry	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(6), AN 110404	7.7

122	WWTD	Sawant, B; Abeledo-Lameiro, MJ; Gil, AG; Couso-Pérez, S; Sharma, S; Sethia, U; Marasini, R; Buck, L; Polo-López, MI; Alberola, IO; Marugán, J; Gómez-Couso, H; Ares-Mazás, E; Lakshmi, KV; Pal, S; Dhodapkarj, R; McGuigan, KG	Good optical transparency is not an essential requirement for effective solar water disinfection (SODIS) containers	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(3), AN 110314	7.7
123	EBGD	Sawarkar, AD; Shrimankar, DD; Kumar, M; Kumar, P; Singh, L	Bamboos as a cultivated medicinal grass for industries: A systematic review	INDUSTRIAL CROPS AND PRODUCTS	203, AN117210	5.9
124	WWTD	Sethi, S; Gupta, R; Bharshankh, A; Sahu, R; Biswas, R	Celebrating 50 years of microbial granulation technologies: From canonical wastewater management to bio-product recovery	SCIENCE OF THE TOTAL ENVIRONMENT	872, AN 162213	9.8
125	HZC	Shailaja, GSJ; Ramakodi, MP; Ramakrishna, TVBPS	Review of bioaerosols from different sources and their health impacts	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(11), AN 1321	3
126	WRD	Singh, D; Dikshit, AK; Kumar, S	Quantifying the impact of municipal solid waste litter using environmental status index in urban areas	JOURNAL OF CLEANER PRODUCTION	430, AN 139653	11.1
127	WRD	Singh, D; Tembhare, M; Kumar, S	Compressed biogas plants in India: Existing status, technological advances and challenges	BIOMASS & BIOENERGY	178, AN 106964	6

128	WTMD	Singh, K; Ansari, FA; Ingle, KN; Gupta, SK; Ahirwal, J; Dhyani, S; Singh, S; Abhilash, PC; Rawat, I; Byun, C; Bux, F	Microalgae from wastewaters to wastelands: Leveraging microalgal research conducive to achieve the UN Sustainable Development Goals	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	188, AN 113773	15.9
129	WRD WTMD	Singh, K; Meena, RS; Kumar, S; Dhyani, S; Sheoran, S; Singh, HM; Pathak, VV; Khalid, Z; Singh, A; Chopra, K; Bajar, S; Ansari, FA; Gupta, SK; Varjani, S; Kothari, R; Tyagi, VV; Singh, B; Byun, C	India's renewable energy research and policies to phase down coal: Success after Paris agreement and possibilities post-Glasgow Climate Pact	BIOMASS & BIOENERGY	177, AN 106944	6
130	SEAF	Singh, RP; Mahajan, M; Gandhi, K; Gupta, PK; Singh, A; Singh, P; Singh, RK; Kidwai, MK	A holistic review on trend, occurrence, factors affecting pesticide concentration, and ecological risk assessment	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(4), AN 451	3
131	WTMD	Singh, RP; Mourya, AK; Khagar, PS; Gaikwad, GS; Maldhure, A; Wankhade, A	Zero-valent silver decorated Ag2MoO4 nanorods: An excellent visible light active photocatalyst for persulfate ion activation with intrinsic bactericidal activity	INORGANIC CHEMISTRY COMMUNICATIONS	157, AN 111375	3.8
132	DZC	Singh, S; Kumar, K; Mandal, P; Kulshrestha, MJ	Seasonal Trends and source Apportionment of Carbonaceous Aerosols in PM10 at Central Delhi, India	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	38(4), 959-973,	1

133	EISD	Singh, S; Patidar, R; Srivastava, VC; Lo, SL; Nidheesh, PV	A critical review on the degradation mechanism of textile effluent during electrocatalytic oxidation: Removal optimization and degradation pathways	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(6), AN111277	7.7
134	ERMD	Smrzová, D; Ramteke, PM; Ecorchard, P; Subrt, J; Bezdicka, P; Kubániová, D; Kormunda, M; Marsálek, R; Vislocká, X; Vykydalová, A; Singh, SK; Wathore, R; Shinde, VM; Labhasetwar, NK	Simultaneous removal of selenium and microbial contamination from drinking water using modified ferrihydrite-based adsorbent	JOURNAL OF WATER PROCESS ENGINEERING	56, AN 104337	7
135	EBDG	Sridharan, S; Saha, M; Singh, L	Evidence of Soil Microplastics Inhibiting the Germination of Commercial Coriander Seeds Under Field Conditions	WATER AIR AND SOIL POLLUTION	234(11), AN 675	2.9
136	EISD	Srivastava, V; Kumar, MS	Biodegradation of Persistent Organic Pollutant (POP) hexachlorocyclohexane in a hybrid reactor system	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	11(3), AN 109948	7.7

137	DZC	Verma, SR; Pervez, S; Chow, JC; Watson, JG; Andrabi, SM; Mandal, P; Khan, NA; Tiwari, S; Dumka, UC; Chakrabarty, RK; Verma, M; Pervez, YF; Mishra, A; Tamrakar, A; Sowmya, HN; Deb, MK; Ghosh, KK; Jain, VK; Karbhal, I; Shrivas, K; Satnami, ML	Optical Properties of Fine Mode Aerosols over High-Altitude Himalayan Glacier Regions	ACS EARTH AND SPACE CHEMISTRY	7(8), 1536-1544	3.4
138	ERMD	Wathore, R; Hedaoo, R; Ahmad, A; Gupta, A; Dhoble, AS; Labhasetwar, N	Field based performance evaluation of optimized improved biomass mud cookstoves in rural India	RENEWABLE ENERGY	219, AN 119567	8.7
139	EISD	Zhang, XX; Bhattacharya, T; Wang, CQ; Kumar, A; Nidheesh, PV	Straw-derived biochar for the removal of antibiotics from water: Adsorption and degradation mechanisms, recent advancements and challenges	ENVIRONMENTAL RESEARCH	237, AN 116998	8.3
140	WRD	Aguiar, MM; Wadt, LC; Vilar, DS; Hernández-Macedo, ML; Kumar, V; Monteiro, RTR; Mulla, SI; Bharagava, RN; Iqbal, HMN; Bilal, M; Ferreira, LFR	Vinasse bio-valorization for enhancement of Pleurotus biomass productivity: chemical characterization and carbohydrate analysis	BIOMASS CONVERSION AND BIOREFINERY	13(11), 10031-10040	4
141	EBGD	Arora, U; Khuntia, HK; Chanakya, HN; Kapley, A	Surfactants: combating the fate, impact, and aftermath of their release in the environment	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(10), 11551-11574	3.1

142	CTMD	Bagaria, P; Mahapatra, PS; Bherwani, H; Pandey, R	Environmental management: a country-level evaluation of atmospheric particulate matter removal by the forests of India	ENVIRONMENTAL MONITORING AND ASSESSMENT	195(11), AN1306	3
143	HTC	Bhoyar, PD; Kamdi, P; Bafana, A; Devara, PCS; Sivanesan, S; Kumar, A; Krishnamurthi, K	Prevalence, Dispersion and Nature of Bioaerosols over a Solid Landfill Site in Central India	AEROSOL AND AIR QUALITY RESEARCH	23(7), AN220431	4
144	WWTD EBGD	Bobde, P; Sharma, AK; Panchal, D; Sharma, A; Patel, RK; Dhodapkar, RS; Pal, S	Layered double hydroxides (LDHs)-based photocatalysts for dye degradation: a review	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(5), 5733-5752	3.1
145	EBGD	Bokade, P; Gaur, VK; Tripathi, V; Bobate, S; Manickam, N; Bajaj, A	Bacterial remediation of pesticide polluted soils: Exploring the feasibility of site restoration	JOURNAL OF HAZARDOUS MATERIALS	441, AN129906	13.6
146	OTHERS	Botle, A; Salgaonkar, S; Tiwari, R; Ambadekar, S; Barabde, GR	Brief status of contamination in surface water of rivers of India by heavy metals: a review with pollution indices and health risk assessment	ENVIRONMENTAL GEOCHEMISTRY AND HEALTH	45(6), 2779-2801	4.2
147	CTMD	Dasgupta, R; Dhyani, S; Basu, M; Kadaverugu, R; Hashimoto, S; Kumar, P; Johnson, BA; Takahashi, Y; Mitra, BK; Avtar, R; Mitra, P	Exploring Indigenous and Local Knowledge and Practices (ILKPs) in Traditional Jhum Cultivation for Localizing Sustainable Development Goals (SDGs): A Case Study from Zunheboto District of Nagaland, India	ENVIRONMENTAL MANAGEMENT	72(1), 147-159	3.5

148	DZC	Daulta, R; Prakash, M; Goyal, S	Metal content in soils of Northern India and crop response: a review	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(4), 4521-4548	3.1
149	WRD	Dey, S; Anand, U; Kumar, V; Kumar, S; Ghorai, M; Ghosh, A; Kant, N; Suresh, S; Bhattacharya, S; Bontempi, E; Bhat, SA; Dey, A	Microbial strategies for degradation of microplastics generated from COVID-19 healthcare waste	ENVIRONMENTAL RESEARCH	216, AN114438	3.3
150	WTMD	Dhyani, S; Santhanam, H; Dasgupta, R; Bhaskar, D; Murthy, IK; Singh, K	Exploring synergies between India's climate change and land degradation targets: Lessons from the Glasgow Climate COP	LAND DEGRADATION & DEVELOPMENT	34(1), 196-206	4.7
151	EBGD	Ding, ZL; Awasthi, SK; Kumar, M; Kumar, V; Dregulo, AM; Yadav, V; Sindhu, R; Binod, P; Sarsaiya, S; Pandey, A; Taherzadeh, MJ; Rathour, R; Singh, L; Zhang, ZQ; Lian, ZH; Awasthi, MK	A thermo-chemical and biotechnological approaches for bamboo waste recycling and conversion to value added product: Towards a zero-waste biorefinery and circular bioeconomy	FUEL	333, AN126469	7.4
152	WRD	Dutta, D; Rautela, R; Gujjala, LKS; Kundu, D; Sharma, P; Tembhare, M; Kumar, S	A review on recovery processes of metals from E-waste: A green perspective	SCIENCE OF THE TOTAL ENVIRONMENT	859, AN160391	9.8
153	EVC	Gahukar, AM; Khairnar, K	Omicron variant of SARS-CoV-2: A pandemic of global concern warrants a cautious approach	JOURNAL OF MEDICAL VIROLOGY	95(1)	12.7

154	EISD	Gujar, SK; Divyapriya, G; Gogate, PR; Nidheesh, PV	Environmental applications of ultrasound activated persulfate/peroxymonosulfate oxidation process in combination with other activating agents	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	53(6), 780-802	12.6
155	EBGD	Gupta, RK; Singh, AK; Bajaj, A; Khardenavis, AA; Purohit, HJ	Phylogenomic analysis of Citrobacter sp. strain AAK_AS5 and its metabolic capabilities to support nitrogen removal behavior	JOURNAL OF BASIC MICROBIOLOGY	63(3-4),359-376	3.1
156	EISD	Hassani, A; Scaria, J; Ghanbari, F; Nidheesh, PV	Sulfate radicals-based advanced oxidation processes for the degradation of pharmaceuticals and personal care products: A review on relevant activation mechanisms, performance, and perspectives	ENVIRONMENTAL RESEARCH	217, AN114789	8.3
157	WRD	Huang, SJ; Dwivedi, KA; Kumar, S; Wang, CT; Yadav, AK	Binder-free NiO/MnO₂ coated carbon based anodes for simultaneous norfloxacin removal, wastewater treatment and power generation in dual-chamber microbial fuel cell	ENVIRONMENTAL POLLUTION	317, AN120578	8.9
158	HTC	Jain, R; Majumdar, D; Devi, S	Microbial Treatment of Raw and Primary Treated Sanitary Landfill Leachate by Indigenous Strain Brevibacillus agri	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	195(4), 2317-2331	3

159	EBGD	Jha, V; Dafale, NA; Purohit, HJ	Differential expression and cross-correlation between global regulator and pho regulon genes involved in decision-making under phosphate stress	JOURNAL OF APPLIED GENETICS	64(1), 173-183	2.4
160	EBGD	Joglekar, A; Nimonkar, Y; Bajaj, A; Prakash, O	Resolution of inter/intraspecies variation in Weissella group requires multigene analysis and functional characterization	JOURNAL OF BASIC MICROBIOLOGY	63(2), 140-155	3.1
161	EMD	Kulkarni, A; Manohar, K; Hippargi, G; Maddigapu, PR; Dhodapkar, R; Rayalu, SS	Nanophotonics triggered thermally enhanced solar water disinfection bottles for slum dwellers	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(12), 35269-35280	5.8
162	WWTD	Kumar, A; Asoria, S; Chaudhary, R; Kumar, R; Vijay, R	Development of in-situ pico hydropower from treated drain wastewater	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	25(4), 1397-1405	4.3
163	EISD	Kumar, M; Ambika, S; Hassani, A; Nidheesh, PV	Waste to catalyst: Role of agricultural waste in water and wastewater treatment	SCIENCE OF THE TOTAL ENVIRONMENT	858, AN159762	9.8
164	EBGD	Kumar, M; Sridharan, S; Sawarkar, AD; Shakeel, A; Anerao, P; Mannina, G; Sharma, P; Pandey, A	Current research trends on emerging contaminants pharmaceutical and personal care products (PPCPs): A comprehensive review	SCIENCE OF THE TOTAL ENVIRONMENT	859, AN160031	9.8
165	KZC	Kumari, K; Swamy, S	Field validated biomarker (ValidBIO) based assessment of impacts of various pollutants in water	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	30(3),5347-5370	5.8

166	KZC	Majumdar, D	Spatial distribution and temporal variation of biomass burning and surface black carbon concentrations during summer (2015-2021) in India	AIR QUALITY ATMOSPHERE AND HEALTH	16(3),459-476	5.1
167	WRD	Mandpe, A; Paliya, S; Gedam, VV; Patel, S; Tyagi, L; Kumar, S	Circular economy approach for sustainable solid waste management: A developing economy perspective	WASTE MANAGEMENT & RESEARCH	41(3),499-511	3.9
168	EBGD	Mishra, A; Singh, L; Singh, D	Unboxing the black box-one step forward to understand the soil microbiome: A systematic review	MICROBIAL ECOLOGY	85(2),669-683	3.6
169	DZC	Mishra, AK; Singh, J; Mishra, PP	Microplastics in freshwater ecosystem: A serious threat for freshwater environment	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(8),9189-9204	3.1
170	EISD	Nidheesh, PV; Ganiyu, SO; Martínez-Huitle, CA; Mousset, E; Olvera-Vargas, H; Trellu, C; Zhou, MH; Oturan, MA	Recent advances in electro-Fenton process and its emerging applications	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	53(8),887-913	12.6
171	EISD	Nidheesh, PV; Gökkus, Ö	Advances in electrocoagulation process	CHEMOSPHERE	310, AN136779	8.8
172	EISD	Nidheesh, PV; Trellu, C; Vargas, HO; Mousset, E; Ganiyu, SO; Oturan, MA	Electro-Fenton process in combination with other advanced oxidation processes: Challenges and opportunities	CURRENT OPINION IN ELECTROCHEMISTRY	37, AN101171	8.5
173	WWTD	Panchal, D; Sharma, A; Pal, S	Engineered MoS2 nanostructures for improved photocatalytic applications in water treatment	MATERIALS TODAY SUSTAINABILITY	21, AN100264	7.8

174	EISD SEAF	Puri, M; Gandhi, K; Kumar, MS	A global overview of endocrine disrupting chemicals in the environment: occurrence, effects, and treatment methods	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(11), 12875-12902	3.1
175	ERMD	Raj, A; Kumar, M; Kumar, A; Singh, K; Sharma, S; Singh, RC; Pawar, MS; Yahya, MZA; Anshul, A	Comparative analysis of `La' modified BiFeO₃-based perovskite solar cell devices for high conversion efficiency	CERAMICS INTERNATIONAL	49(1),1317-1327	5.2
176	EBGD	Rather, MA; Gupta, K; Gupta, AK; Mishra, P; Qureshi, A; Dutta, TK; Joardar, SN; Mandal, M	Phytochemical Analysis and Demonstration of Antioxidant, Antibacterial, and Antibiofilm Activities of Ethnomedicinal Plants of North East India	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	195(5),3257-3294	3
177	MZC	Salunkhe, A; Tandon, S; Dudhwadkar, S	Surface Functionalization of Graphene Oxide with Silver Nanoparticles Using Phyto Extract and its Antimicrobial Properties Against Biological Contaminants	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	48(1),47-61	2.9
178	WTMD	Santhanam, H; Dhyani, S; Benedict, X	Perspectives on reducing anthropogenic interferences and mainstreaming nature-based solutions for sustainable restoration of Pulicat lagoon, India: from research to policy and implementation	MARINE AND FRESHWATER RESEARCH	74(3),234-246	1.8
179	WWTD HZC	Satyendra, S; Asoria, SK; Vijay, R	In-situ drain treatment types and technologies for flowing wastewater: A comprehensive review	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	170,449-463	7.8

180	EISD	Scaria, J; Nidheesh, PV	Pre-treatment of real pharmaceutical wastewater by heterogeneous Fenton and persulfate oxidation processes	ENVIRONMENTAL RESEARCH	217, AN114786	8.3
181	CZC	Selvan, BK; Pandiyan, R; Vaishnavi, M; Das, S; Thirunavoukkarasu, M	Ameliorative biodegradation of hazardous textile industrial wastewater dyes by potential microalgal sp.	BIOMASS CONVERSION AND BIOREFINERY	13(15),13481-13492	4
182	EBGD	Shanker, R; Khan, D; Hossain, R; Islam, MT; Locock, K; Ghose, A; Sahajwalla, V; Schandl, H; Dhodapkar, R	Plastic waste recycling: existing Indian scenario and future opportunities	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(5),5895-5912	3.1
183	WRD	Sharma, P; Nadda, AK; Kumar, S	Microbial community profiling in bio-stimulated municipal solid waste for effective removal of organic pollutants containing endocrine disrupting chemicals	MICROBIOLOGICAL RESEARCH	267, AN127273	6.7
184	WTMD	Shende, AD; Pophali, GR	Sewage and faecal sludge management; revisiting discharge standards in India	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(11),12793-12806	3.1
185	WWTD	Shukla, A; Patwa, A; Parde, D; Vijay, R	A review on generation, characterization, containment, transport and treatment of fecal sludge and septage with resource recovery-oriented sanitation	ENVIRONMENTAL RESEARCH	216, AN114389	8.3
186	WTMD	Shukla, J; Dhyani, S; Pujari, P	Big data analytics, a transformative approach to long-term restoration research for meeting global targets	RESTORATION ECOLOGY	31(4), AN13814	3.2

187	WRD	Singh, D; Tembhare, M; Machhirake, N; Kumar, S	Biogas generation potential of discarded food waste residue from ultra-processing activities at food manufacturing and packaging industry	ENERGY	263, AN126138	9
188	DIR	Singh, I; Vaidya, AN; Kumar, AR	Occurrence, distribution, fate and quantitation of phthalates in soils: a review	INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY	103(20),9333-9352	2.6
189	ERMD DZC	Soni, AR; Amrit, K; Shinde, AM	COVID-19 and transportation of India: influence on infection risk and greenhouse gas emissions	ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY	25(8),7377-7392	4.9
190	EBGD	Srivastava, S; Bombaywala, S; Jakhesara, SJ; Patil, NV; Joshi, CG; Purohit, HJ; Dafale, NA	Potential of camel rumen derived Bacillus subtilis and Bacillus velezensis strains for application in plant biomass hydrolysis	MOLECULAR GENETICS AND GENOMICS	298(2),361-374	3.1
191	EBGD	Srivastava, S; Jhariya, U; Purohit, HJ; Dafale, NA	Synergistic action of lytic polysaccharide monooxygenase with glycoside hydrolase for lignocellulosic waste valorization: a review	BIOMASS CONVERSION AND BIOREFINERY	13(10),8727-8745	4
192	CTMD	Sutariya, B; Sargaonkar, A; Raval, H	Methods of visualizing hydrodynamics and fouling in membrane filtration systems: recent trends	SEPARATION SCIENCE AND TECHNOLOGY	58(1),101-130	2.8
193	WRD	Tiwari, R; Azad, N; Dutta, D; Yadav, BR; Kumar, S	A critical review and future perspective of plastic waste recycling	SCIENCE OF THE TOTAL ENVIRONMENT	881,AN163433	9.8
194	EMD	Wankhede, U; Khaparde, VV; Balpande, K; Shinde, VM; Rayalu, S	'Green firecrackers' with reduced barium emissions in particulate matter	ENVIRONMENTAL POLLUTION	317, AN120739	8.9

195	EBGD	Yesankar, PJ; Pal, M; Patil, A; Qureshi, A	Microbial exopolymeric substances and biosurfactants as 'bioavailability enhancers' for polycyclic aromatic hydrocarbons biodegradation	INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY	20(5),5823-5844	3.1
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