

CSIR-NEERI SCI PUBLICATIONS PUBLISHED IN THE YEAR 2019 (JAN.- DEC. Date)						
Sr. No.	Division	Author(S) Name	Title	Journal Name	Vol., Issue & Pages	IF 2018
1	APC	Chelani, A. B.	Estimating PM _{2.5} concentration from satellite derived aerosol optical depth and meteorological variables using a combination model	<i>Atmospheric Pollution Research</i>	10 (3):847-857	2.918
2	BDU AID SHWMD EBGD	Dabe, S. J.; Prasad, P. J.; Vaidya, A. N.; Purohit, H. J.	Technological Pathways for Bioenergy Generation from Municipal Solid Waste: Renewable Energy Option	<i>Environmental Progress and Sustainable Energy</i>	38(2): 654-671	1.596
3	CTMD	Kadaverugu, R.; Sharma, A.; Matli, C.;	High Resolution Urban Air Quality Modeling by Coupling CFD and Mesoscale Models: a Review	<i>Asia-Pacific Journal of Atmospheric Sciences</i>	V.55(4); 539-556	1.772
4	CTMD	Bhardwaj, A.;	Kinetic and equilibrium studies on adsorption of cadmium from aqueous solution using Aesculus Indica seed shell	<i>Indian Journal of Chemical Technology</i>	V.26(2); 146-152	0.614
5	CTMD AID	Jangde, V.;	Fixed-bed column dynamics of xanthate-modified apple pomace for removal of Pb(II)	<i>International Journal of Environmental Science and Technology</i>	16(10): 6347-6356	2.031
6	CZC	Sivacoumar, R.; Jayabalou, R.	Assessment of source contribution to ambient air quality through comprehensive emission inventory, long-term monitoring and deterministic modeling	<i>International Journal of Environmental Science and Technology (Document Type: Proceedings Paper)</i>	16(6): 2765-2782	2.031
7	CZC	Aarthy, M.; Ramchary, A.;	A Green Process for Starch Oleate Synthesis by <i>Cryptococcus</i> sp. MTCC 5455 Lipase and Its Potential as an Emulsifying Agent	<i>Starch/Staerke</i>	71(1-2)	1.795
8	DIR	Manu, M. K.;	Decentralized composting of household wet biodegradable waste in plastic drums: Effect of waste turning, microbial inoculum and bulking agent on product quality	<i>Journal of Cleaner Production</i>	226: 233-241	6.395
9	DIR MZC	Padalkar, AV;	Reliability analysis and removal efficiency relationship of common effluent treatment plants of industrial clusters	<i>International Journal of Environmental Science and Technology</i>	16(3): 1379-1394	2.031
10	DRC	Sharma, A.;	Nitrogen-dependent induction of atrazine degradation pathway in <i>Pseudomonas</i> sp. strain AKN5	<i>FEMS Microbiology Letters</i>	366(1)	1.994

11	DRC EBGD	Sahu, N.; Sharma, G.; Chandrashekhar, B.; Jadeja, N. B.; Kapley, A. ; Pandey, R. A.; Sharma, A.	Performance evaluation of methanogenic digester using kitchen waste for validation of optimized hydrolysis conditions for reduction in ammonia accumulation	<i>Renewable Energy</i>	139:110-119	5.439
12	DRC HTC	Bafana, R., Sivanesan, S., Pandey, R.A	Optimization and scale up of itaconic acid production from potato starch waste in stirred tank bioreactor	<i>Biotechnology Progress</i>	35 (3):e2774	2.406
13	DRC EMD	Kulkarni, A.; Kapley, A.; Dhodapkar, R. S.; Nagababu, P.; Rayalu, S.	Plasmonics driven engineered pasteurizers for solar water disinfection (SWADIS)	<i>Journal of Hazardous Materials</i>	369: 474-482	7.65
14	DRC EBGD	Soares-Castro, P.; Yadav, T. C.; Viggor, S.; Kivisaar, M.; Kapley, A.; Santos, P. M.	Seasonal bacterial community dynamics in a crude oil refinery wastewater treatment plant	Applied Microbiology and Biotechnology	V.103(21-22); 9131-9141	3.67
15	DRC EBGD	Jadeja, N. B.; Moharir, P.; Kapley, A.	Genome Sequencing and Analysis of Strains <i>Bacillus</i> sp. AKBS9 and <i>Acinetobacter</i> sp. AKBS16 for Biosurfactant Production and Bioremediation	<i>Applied Biochemistry and Biotechnology</i>	187(2): 518-530	2.14
16	DRC EBGD	Yadav, S.; Kapley, A.	Exploration of activated sludge resistome using metagenomics	<i>Science of the Total Environment</i>	692: 1155-1164	5.589
17	DZC DIR	Gulia, S.; Goyal, P.; Goyal, S. K.; Kumar, R.	Re-suspension of road dust: contribution, assessment and control through dust suppressants—a review	<i>International Journal of Environmental Science and Technology</i>	16(3):1717-1728	2.031
18	DZC DIR	Goyal, P.; Gulia, S.; Goyal, S. K.; Kumar, R.	Assessment of the effectiveness of policy interventions for Air Quality Control Regions in Delhi city	<i>Environmental Science and Pollution Research</i>	26(30); 30967-30979	2.914
19	EBGD	Gupta, S.; Pawar, S. B.	Strategic mixed substrate cultivation of microalgae: productivity, respiration, yield, and lipid quality	<i>Journal of Applied Phycology</i>	31(3): 1573-1588	2.635
20	EBGD	Tikariha, H.; Purohit, H. J.	Assembling a genome for novel nitrogen-fixing bacteria with capabilities for utilization of aromatic hydrocarbons	<i>Genomics</i>	111(6); 1824-1830	3.16
21	EBGD	Tikariha, H.; Purohit, H. J.	Different Dimensions in Microbial Community Adaptation and Function	<i>Indian Journal of Microbiology</i>	59(3): 387-390	1.553
22	EBGD	Bohra, V.; Tikariha, H.; Dafale, N. A.	Genomically Defined <i>Paenibacillus polymyxa</i> ND24 for Efficient Cellulase Production Utilizing Sugarcane Bagasse as a Substrate	<i>Applied Biochemistry and Biotechnology</i>	187 (1), 266-281	2.14

23	EBGD	Ghosh, S.; Qureshi, A.; Purohit, H. J.	D-Tryptophan governs biofilm formation rates and bacterial interaction in <i>P. mendocina</i> and <i>S. aureus</i>	<i>Journal of Biosciences</i>	44(1), art. no. 3	1.823
24	EBGD	Singh, D.; Slik, J. W. F.; Jeon, Y. S.; Tomlinson, K. W.; Yang, X. D.; Wang, J.; Kerfahi, D.; Porazinska, D. L.; Adams, J. M.	Tropical forest conversion to rubber plantation affects soil micro- & mesofaunal community & diversity	<i>Scientific Reports</i>	9, Article No. 5893	4.011
25	EBGD	Song, H.; Singh, D.; Tomlinson, K. W.; Yang, X. D.; Ogwu, M. C.; Slik, J. W. F.; Adams, J. M.	Tropical forest conversion to rubber plantation in southwest China results in lower fungal beta diversity and reduced network complexity	<i>FEMS Microbiology Ecology</i>	95(7): Article Number: fiz092	4.098
26	EBGD	Bohra, V.; Dafale, N. A.; Hathi, Z.; Purohit, H. J.	Genomic annotation and validation of bacterial consortium NDMC-1 for enhanced degradation of sugarcane bagasse	<i>Annals of Microbiology</i>	69 (7):695-711	1.431
27	EBGD	Thul, S. T.; Nigam, N.; Tiwari, S.; Pandey, R. A.	Arsenite-oxidation performance of microbes from abandoned iron ore mine	<i>Indian Journal of Biotechnology</i>	18(1): 34-41	0.343
28	EBGD	Gupta, S.; Pawar, S. B.; Pandey, R. A.	Current practices and challenges in using microalgae for treatment of nutrient rich wastewater from agro-based industries	<i>Science of the Total Environment</i>	687: 1107-1126	5.589
29	EBGD	Bohra, V.; Dafale, N. A.; Purohit, H. J.	Understanding the alteration in rumen microbiome and CAZymes profile with diet and host through comparative metagenomic approach	<i>Archives of Microbiology</i>	V.201(10); 1385-1397	1.642
30	EBGD	Purohi, H. J.	Aligning Microbial Biodiversity for Valorization of Biowastes: Conception to Perception	<i>Indian Journal of Microbiology</i>	V.59(4); 391-400	1.533
31	EBGD	Adejumo, S. A.; Tiwari, S.; Thul, S.; Sarangi, B. K.;	Evaluation of lead and chromium tolerance and accumulation level in <i>Gomphrena celosoides</i> : a novel metal accumulator from lead acid battery waste contaminated site in Nigeria	<i>International Journal of Phytoremediation</i>	V.21(13); 1341-1355	2.237
32	EBGD DRC	Jadeja, N. B.; Purohit, H. J.; Kapley, A.	Decoding microbial community intelligence through metagenomics for efficient wastewater treatment	<i>Functional & Integrative Genomics</i>	V.19(6); 839-851	2.745
33	EBGD	Dutta, S.; Farag, E. N.; Sarangi, B. K.	Enhancement of indigo dye yield from <i>Indigofera</i> plant biomass by using fungal elicitors during fermentation	<i>Indian Journal of Experimental Biology</i>	V.57(8); 619-624	0.934

34	EBGD	Jha, V.; Dafale, N. A.; Purohit, H. J.	Regulatory rewiring through global gene regulations by PhoB and alarmone (p)ppGpp under various stress conditions	<i>Microbiological Research</i>	V. 227; Article Number: UNSP 126309	3.701
35	EBGD AID	Gupta, S.; Pawar, S. B.; Pandey, R. A.; Kanade, G.; Lokhande, S. K.	Outdoor microalgae cultivation in airlift photobioreactor at high irradiance and temperature conditions: effect of batch and fed-batch strategies, photoinhibition, and temperature stress	<i>Bioprocess and Biosystems Engineering</i>	42 (2): 331- 344	2.371
36	EBGD HTC DRC	Tiwari, J.; Tarale, P.; Sivanesan, S.; Bafana, A.	Environmental persistence, hazard, and mitigation challenges of nitroaromatic compounds	<i>Environmental Science and Pollution Research</i>	V.26(28); 28650- 28667	2.914
37	EBGD TDC	Shingare, R. P.; Thawale, P. R.; Raghunathan, K.; Mishra, A.; Kumar, S.	Constructed wetland for wastewater reuse: Role and efficiency in removing enteric pathogens	<i>Journal of Environmental Management</i>	246: 444- 461	4.865
38	EISD	Jambhulkar, H. P., Kumar, M. S.	Eco-restoration approach for mine spoil overburden dump through biotechnological route	<i>Environmental Monitoring and Assessment</i>	191; Article No.772	1.959
39	EMD	Chaterjee, S.; Krupadam, R. J.	Amino acid-imprinted polymers as highly selective CO ₂ capture materials	<i>Environmental Chemistry Letters</i>	17 (1):465- 472	4.617
40	EISD	Korde, B. A.; Mankar, J. S.; Phule, S.; Krupadam, R. J.	Nanoporous imprinted polymers (nanoMIPs) for controlled release of cancer drug	<i>Materials Science and Engineering C- Materials for Biological Applications</i>	99: 222-230	4.929
41	EISD	Singh, R.; Nidheesh, P. V.; Sivasankar, T.	Integrating Ultrasound with Activated Carbon Prepared from Mangosteenfruit Peel for Reactive Black 5 Removal	<i>Environmental Engineering and Management Journal</i>	18(11): 2335- 2342	1.186
42	EISD	Appa, R.; Mhaisalkar, V. A.; Naoghare, P. K.; Lataye, D. H.	Adsorption of an emerging contaminant (primidone) onto activated carbon: kinetic, equilibrium, thermodynamic, and optimization studies	<i>Environmental Monitoring and Assessment</i>	191(4): 215	1.959
43	EISD	Srivastava, V.; Srivastava, T.; Kumar, M. S.	Fate of the persistent organic pollutant (POP) Hexachlorocyclohexane (HCH) and remediation challenges	<i>International Biodeterioration and Biodegradation</i>	140: 43-56	3.824
44	EISD	Nidheesh, P. V.; Kumar, M. S.	An overview of environmental sustainability in cement and steel production	<i>Journal of Cleaner Production</i>	231: 856- 871	6.395
45	EISD	Khare, A.; Chhawani, N.; Kumari, K.	Glutathione reductase and catalase as potential biomarkers for synergistic intoxication of pesticides in fish	<i>Biomarkers</i>	24(7): 666- 676	1.73

46	EISD	Nidheesh, P. V.; Divyapriya, G.; Oturam, N.; Trellu, C.; Oturam, M. A.	Environmental Applications of Boron-Doped Diamond Electrodes: 1. Applications in Water and Wastewater Treatment	<i>ChemElectroChem</i>	6(8): 2124-2142	3.975
47	EISD	Trellu, C.; Chakraborty, S.; Nidheesh, P. V.; Oturam, M. A.	Environmental Applications of Boron-Doped Diamond Electrodes: 2. Soil Remediation and Sensing Applications	<i>ChemElectroChem</i>	6(8): 2143-2156	3.975
48	EISD	Babu, D. S.; Srivastava, V.; Nidheesh, P. V.; Kumar, M. S.	Detoxification of water and wastewater by advanced oxidation processes	<i>Science of the Total Environment</i>	V.696; Article No. UNSP13396 1	5.589
49	EISD	Jayashree, S.; Ramesh, S. T.; Lavanya, A.; Gandhimathi, R.; Nidheesh, P. V.	Wastewater treatment by microbial fuel cell coupled with peroxicoagulation process	<i>Clean Technologies and Environmental Policy</i>	V.21(10); 2033-2045	2.277
50	EISD	Popat, A.; Nidheesh, P. V.; Singh, T. S. A.; Kumar, M. S.	Mixed industrial wastewater treatment by combined electrochemical advanced oxidation and biological processes	<i>Chemosphere</i>	V.237; Article No. UNSP12441 9	5.108
51	EISD	Johin, J.; Nidheesh, P. V.; Sivasankar, T.;	Sono-electro-chemical Treatment of Reactive Black 5 Dye and Real Textile Effluent Using MnSO ₄ /Na ₂ S ₂ O ₈ Electrolytes	<i>Arabian Journal For Science and Engineering</i>	V.44(12); 9987-9996	1.518
52	EISD	Singh, A.; Kumari, K.	An inclusive approach for organic waste treatment and valorisation using Black Soldier Fly larvae: A review	<i>Journal of Environmental Management</i>	V.251; Article No. UNSP10956 9	4.865
53	EISD TDC	Paliya, S.; Mandpe, A.; Kumar, S.; Kumar, M. S.	Enhanced nodulation and higher germination using sludge ash as a carrier for biofertilizer production	<i>Journal of Environmental Management</i>	V. 250; Article No. UNSP 109523	4.865
54	EISD TDC DIR MZC	Kumari, K.; Kumar, S.; Rajagopal, V.; Khare, A.; Kumar, R.	Emission from open burning of municipal solid waste in india	<i>Environmental Technology</i>	40(17), 2201-2214	1.918
55	EMD	Kotkondawar, A.V.; Mangrulkar, P.; Wanjari, S.; Maddigapu, P. R.; Rayalu, S.	Photothermal hydrogen production from oxidative hydrolysis of electrochemically synthesized nano-sized zinc	<i>International Journal of Hydrogen Energy</i>	44(13): 6514-6524	4.084
56	EMD	Kumar, A.; Prajapati, P. K.; Aathira, M. S.; Bansiwal, A. K.; Boukherroub, R.; Jain, S. L.	Highly improved photoreduction of carbon dioxide to methanol using cobalt phthalocyanine grafted to graphitic carbon nitride as photocatalyst under visible light irradiation	<i>Journal of Colloid and Interface Science</i>	543:201-213	6.361
57	EMD	Mohammad, F.; Arfin, T.; Al-lohedan, H. A.	Enhanced biosorption and electrochemical performance of sugarcane bagasse derived a polylactic acid-graphene oxide-CeO ₂ composite	<i>Materials Chemistry and Physics</i>	229: 117-123	2.781

58	EMD	Mohammad, F.; Arfin, T.; Al-lohedan, H. A.	Biocompatible polylactic acid-reinforced nickel–arsenate composite: Studies of electrochemical conductivity, mechanical stability, and cell viability	<i>Materials Science and Engineering C- Materials for Biological Applications</i>	102: 142-149	4.959
59	EMD	Bollu, V. S.; Bathini, T.; Barui, A. K.; Roy, A.; Ragi, N. C.; MalOth, S.; Sripadi, P.; Sreedhar, B.; Nagababu, P.; Patra, C. R.	Design of DNA-intercalators based copper(II) complexes, investigation of their potential anti-cancer activity and sub-chronic toxicity	<i>Materials Science & Engineering C- Materials For Biological Applications</i>	V.105; Article No. 110079	4.959
60	EMD	Kamde, K.; Dahake, R.; Pandey, R. A.; Bansawal, A.	Integrated bio-oxidation and adsorptive filtration reactor for removal of arsenic from wastewater	<i>Environmental Technology (United Kingdom)</i>	40(10): 1337-1348	1.918
61	EMD SHWMD	Raj, I.; Bansawal, A.; Vaidya, A. N.	Kinetic evaluation for rapid degradation of dimethylamine enriched with Agromyces and Ochrobactrum sp.	<i>Journal of Environmental Management</i>	245: 322-329	4.865
62	ERMD	Valechha, D.; Megarajan, S. K.; Al-Fatesh, A.; Jiang, H. Q.; Labhsetwar, N. K.	Low Temperature CO Oxidation Over a Novel Nano-Structured, Mesoporous CeO ₂ Supported Au Catalyst	<i>Catalysis Letters</i>	149 (1):127-140	2.372
63	ERMD	Ghosh, A.; Bhowmick, T.; Labhsetwar, N. K.; Majumder, S. B.	Catalytic oxidation and selective sensing of carbon monoxide for sense and shoot device using ZnO–CuO	<i>Materials</i>	5, art. no. 100177	2.972
64	ERMD	Al-Fatesh, A. S.; Atia, H.; Ibrahim, A. A.; Fakeeha, A.H.; Singh, S.K.; Labhsetwar, N. K.; Shaikh, H; Qasim, SO	CO ₂ reforming of CH ₄ : Effect of Gd as promoter for Ni supported over MCM-41 as catalyst	<i>Renewable Energy</i>	140, 658-667	5.439
65	ERMD	Khobragade, R.; Singh, S. K.; Shukla, P. C.; Gupta, T.; Al-Fatesh, A. S.; Agarwal, A. K.; Labhsetwar, N. K.	Chemical composition of diesel particulate matter and its control	<i>Catalysis Reviews - Science and Engineering</i>	61(4):447-515	9
66	ERMD	Uppara, H. P.; Dasari, H.; Singh, S. K.; Labhsetwar, N.; Murari, M. S.	Effect of Copper Doping Over GdFeO ₃ Perovskite on Soot Oxidation Activity	<i>Catalysis Letters</i>	V.149(11); 3097-3110	2.372

67	ERMD CZC	Khobragade, R.; Yearwar, D. Labhsetwar, N.; Saravanana, G.	Alumina supported nano-platinum on copper nanoparticles prepared via galvanic displacement reaction for preferential carbon monoxide oxidation in presence of hydrogen	<i>International Journal of Hydrogen Energy</i>	V.44((54); 28757- 28768	4.084
68	ERMD EMD	Manwar, N. R.; Jain, S. L.; Rayalu, S.; Labhsetwar, N. K.	Solar Energy Conversion: Pt-doped Mesoporous Ceria as an Efficient Electro-photocatalyst for Hydrogen Production from Water Splitting	<i>Materialstoday:-proceeding (Document Type: Proceedings Paper)</i>	17: 277-287	0
69	EVC	Samson, R.; Shah, M.; Yadav, R.; Sarode, P.; Rajput, V.; Dastager, S. G.; Dharme, M. S.; Khairnar, K.	Metagenomic insights to understand transient influence of Yamuna River on taxonomic and functional aspects of bacterial and archaeal communities of River Ganges	<i>Science of the Total Environment</i>	674:288–299	5.589
70	EVC	Nair, A.; Khairnar, K.	Genetically engineered phages for therapeutics: proceed with caution	<i>Nature Medicin (Document Type: Letter*)</i>	V.25(7); 1028-1028	33
71	HTC DRC EISD	Daiwile, A. P.; Tarale, P.; Sivanesan, S.; Naoghare, P. K.; Bfana, A.; Parmar, D.; Kannan, K.	Role of fluoride induced epigenetic alterations in the development of skeletal fluorosis	<i>Ecotoxicology and Environmental Safety</i>	169, 410- 417	4.527
72	HZC	Gopikrishnan, V.; Radhakrishnan, M.; Shanmugasundaram, T.; Ramakodi, M. P.; Balagurunathan, R.	Isolation, characterization and identification of antibiofouling metabolite from mangrove derived <i>Streptomyces sampsonii</i> PM33	<i>Scientific Reports</i>	9: Article Number: 129 75	4.011
73	KZC	Verma, M.; Pervez, S.; Majumdar, D.; Chakrabarty, R.; Pervez, Y. F.	Emission estimation of aromatic and halogenated VOCs from household solid fuel burning practices	<i>International Journal of Environmental Science and Technology (Document Type: Proceedings Paper)</i>	16(6); 2683- 2692	2.021
74	KZC	Majumdar, D., Sharma, S.	Assessment of carbon monoxide exposure in roadside food-vending shanties using coal cookstoves in Kolkata, India	<i>Environmental Pollution</i>	247, 431- 437	5.714
75	KZC	Mandal, U.; Singh, P.; Kundu, A. K.; Chatterjee, D.; Nriagu, J.; Bhowmick, S.	Arsenic retention in cooked rice: Effects of rice type, cooking water, and indigenous cooking methods in West Bengal, India	<i>Science of the Total Environment</i>	648: 720- 727	5.589

76	MZC DIR	Laxmi, V., Dey, J., Kalawapudi, K., Vijay, R., Kumar, R.	An innovative approach of urban noise monitoring using cycle in Nagpur, India	<i>Environmental Science and Pollution Research</i>	26(36); 36812- 36819	2.914
77	SHWMD	Bhange, V. P.; Bhivgade, U.V; Vaidya, A. N.	Artificial Neural Network Modeling in Pretreatment of Garden Biomass for Lignocellulose Degradation	<i>Waste and Biomass Valorization</i>	10(6): 1571- 1583	2.358
78	SHWMD	Malik, S. N.; Ghosh, P. C.; Vaidya, A. N.; Mudliar, S. N.	Ozone pre-treatment of molasses-based biomethanated distillery wastewater for enhanced bio-composting	<i>Journal of Environmental Management</i>	246: 42-50	4.865
79	SHWMD AID	Malik, S. M.; Khan, S. M.; Ghosh, P. C.; Vaidya, A. N.; Das, S.; Mudliar, S. N.	Nano catalytic ozonation of biomethanated distillery wastewater for biodegradability enhancement, color and toxicity reduction with biofuel production	<i>Chemosphere</i>	230: 449- 461	5.108
80	SHWMD AID	Malik, S. M.; Khan, S. M.; Ghosh, P. C.; Vaidya, A. N.; Kanade, G. K.; Mudliar, S. N.	Treatment of pharmaceutical industrial wastewater by nano-catalyzed ozonation in a semi-batch reactor for improved biodegradability	<i>Science of the Total Environment</i>	678: 114- 122	5.589
81	TDC	Khandelwal, H.; Dhar, H.; Thalla, A. K.; Kumar, S.	Application of life cycle assessment in municipal solid waste management: A worldwide critical review	<i>Journal of Cleaner Production</i>	209: 630- 654	6.395
82	TDC	Khapre, A.; Kumar, S.; Rajasekaran, C.	Phytocapping: an alternate cover option for municipal solid waste landfills	<i>Environmental Technology (UK)</i>	40(17), 2242- 2249	1.918
83	TDC	Moharir, R. V., Kumar, S.	Challenges associated with plastic waste disposal and allied microbial routes for its effective degradation: A comprehensive review	<i>Journal of Cleaner Production</i>	208, 65-76.	6.395
84	TDC	Bharti, V.; Vikrant, K.; Goswami, M.; Tiwari, H.; Sonwani, R. K.; Lee, J.; Tsang, D. C. W.; Kim, K. H.; Saeed, M.; Kumar, S.; Rai, B. N.; Giri, B. S.; Singh, R. S.	Biodegradation of methylene blue dye in a batch and continuous mode using biochar as packing media	<i>Environmental Research</i>	171, pp. 356- 364.	5.026

85	TDC	Breitenmoser, L.; Gross, T.; Huesch, R.; Rau, J.; Dhar, H.; Kumar, S.; Hugi, C.; Wintgens, T.	Anaerobic digestion of biowastes in India: Opportunities, challenges and research needs	<i>Journal of Environmental Management</i>	236:396-412	4.865
86	TDC	Ramamoorthy, R.; Poyyamoli, G.; Kumar, S.	Assessment of Solid Waste Generation and Management in Selected School Campuses in Puducherry Region, India	<i>Environmental Engineering and Management Journal</i>	18 (2):499- 512	1.186
87	TDC	Gautam, P.; Kumar, S.; Lokhandwala, S.	Advanced oxidation processes for treatment of leachate from hazardous waste landfill: A critical review	<i>Journal of Cleaner Production</i>	237 Art. No.:17639	6.395
88	TDC	Torres-Mayanga, P. C.; Lachos Perez, D.; Mudhoo, A.; Kumar, S.; Brown, A. B.; Tyufekchiev, M.; Dragone, G.; Mussatto, S. I.; Rostagno, M. A.; Timko, M.; Forster- Carneiro, T.	Production of biofuel precursors and value-added chemicals from hydrolysates resulting from hydrothermal processing biomass: A review	<i>Biomass & Bioenergy</i>	V.130; Article Number- UNSP 105397	3.537
89	TDC DIR	Khandelwal, H.; Thalla, A. K.; Kumar, S.; Kumar, R.	Life cycle assessment in municipal solid waste management Options for India	<i>Bioresource Technology</i>	288: 121515	6.669
90	TDC EISD DIR	Mandpe, A.; Paliya, S.; Kumar, S.; Kumar, R.	Fly ash as an additive for enhancing microbial and enzymatic activities in in-vessel composting of organic wastes	<i>Bioresource Technology</i>	293: 122047	6.669
91	TDC DRC DIR	Kumar, C. P.; Rena; Meenakshi, A.; Khapre, A. S.; Kumar, S.; Anshul, A.; Singh, L.; Kim, S-H; Lee, B-O; Kumar, R.	Bio-Hythane Production from Organic Fraction of Municipal Solid Waste in Single and Two Stage Anaerobic Digestion Processes	<i>Bioresource Technology</i>	294:122220	6.669
92	TDC WTMD DZC DIR	Chavan, D.; Lakshmikanthan, P.; Mondal, P.; Kumar, S. Kumar, R.	Determination of ignition temperature of municipal solid waste for understanding surface and sub-surface landfill fire	<i>Waste Management</i>	97: 123-130	5.431

93	TDC SHWMD	Kumar, S.; Dhar, H.; Nair, V. V.; Rena; Goveni, J.; Arya, S.; Bhattacharya, J. K; Vaidya, A. N.; Akolkar, A. B.	Environmental quality monitoring and impact assessment of solid waste dumpsites in high altitude sub-tropical regions	<i>Journal of Environmental Management</i>	252: Article No.109681	4.865
94	WTMD	Taneja, P.; Labhasetwar, P. K.; Nagarnaik, P.	Nitrate in drinking water and vegetables: intake and risk assessment in rural and urban areas of Nagpur and Bhandara districts of India	<i>Environmental Science and Pollution Research</i>	26 (3):2026-2037	2.914
95	WTMD	Quamar, R.; Janipella, R.; Jangam, C.; Chintalapudi, P.; Pujari, P. R.	A Case study of On-site sanitation system on the quality of groundwater in Hard rock terrain of Coimbatore city	<i>Environment, Development and Sustainability</i>	21(4) :1999-2011	1.676
96	WTMD	Jangam, C.; Punjari, P. R.	Impact of on site sanitation systems on groundwater sources in a Coastal aquifer in Chennai, India	<i>Environmental Science and Pollution Research</i>	26(3): 2079-2088	2.914
97	WTMD	Loo, A.; Bivins, A.; John, V.; Becker, S.; Evanhec, S.; George, A.; Hernandez, V.; Mullaney, J.; Tolentino, L.; Yoo, R.; Nagarnaik, P.; Labhasetwar, P.; Brown, J.	Development and field testing of low-cost, quantal microbial assays with volunteer reporting as scalable means of drinking water safety estimation	<i>Journal of Applied Microbiology</i>	126 (6): 1944-1954	2.683
98	WTMD	Gupta, N.; Gedam, W.; Moghe, C.; Labhasetwar, P.	Comparative assessment of batch and column leaching studies for heavy metals release from Coal Fly Ash Bricks and Clay Bricks	<i>Environmental Technology & Innovation</i>	V.16; Article Number-UNSP 100461	2.8
99	WTMD EMD WWTD	Kaur, H.; Hippargi, G.; Pophali, G. R.; Bansiwal, A.	Biomimetic lipophilic activated carbon for enhanced removal of triclosan from water	<i>Journal of Colloid and Interface Science</i>	535:111-121	6.361
100	WWTD	Gurjar, R.; Shende, A. K.; Pophali, G. R.	Treatment of low strength wastewater using compact submerged aerobic fixed film (SAFF) reactor filled with high specific surface area synthetic media	<i>Water Science and Technology</i>	80(4): 737-746	1.624
					CIF	389.873