

Ashiq Ahamed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

602
citations

12
h-index

18
g-index

18
ext. papers

821
ext. citations

9.7
avg, IF

4.85
L-index

#	Paper	IF	Citations
17	Non-equilibrium potentiometric sensors integrated with metal modified paper-based microfluidic solution sampling substrates for determination of heavy metals in complex environmental samples.. <i>Analytica Chimica Acta</i> , 2022 , 1197, 339495	6.6	2
16	Technical and environmental assessment of laboratory scale approach for sustainable management of marine plastic litter. <i>Journal of Hazardous Materials</i> , 2022 , 421, 126717	12.8	10
15	In situ catalytic reforming of plastic pyrolysis vapors using MSW incineration ashes. <i>Environmental Pollution</i> , 2021 , 276, 116681	9.3	5
14	Flexible packaging plastic waste Environmental implications, management solutions, and the way forward. <i>Current Opinion in Chemical Engineering</i> , 2021 , 32, 100684	5.4	9
13	Diagnostics of skin features through 3D skin mapping based on electro-controlled deposition of conducting polymers onto metal-sebum modified surfaces and their possible applications in skin treatment. <i>Analytica Chimica Acta</i> , 2021 , 1142, 84-98	6.6	
12	Too small to matter? Physicochemical transformation and toxicity of engineered nTiO, nSiO, nZnO, carbon nanotubes, and nAg. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124107	12.8	12
11	Life cycle assessment of plastic grocery bags and their alternatives in cities with confined waste management structure: A Singapore case study. <i>Journal of Cleaner Production</i> , 2021 , 278, 123956	10.3	27
10	Environmental footprint of voltammetric sensors based on screen-printed electrodes: An assessment towards "green" sensor manufacturing. <i>Chemosphere</i> , 2021 , 278, 130462	8.4	13
9	Gold-modified paper as microfluidic substrates with reduced biofouling in potentiometric ion sensing. <i>Sensors and Actuators B: Chemical</i> , 2021 , 344, 130200	8.5	11
8	Human exposure and risk assessment of recycling incineration bottom ash for land reclamation: A showcase coupling studies of leachability, transport modeling and bioaccumulation. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121600	12.8	22
7	Advances in Antiviral Material Development. <i>ChemPlusChem</i> , 2020 , 85, 2105	2.8	12
6	Processing of flexible plastic packaging waste into pyrolysis oil and multi-walled carbon nanotubes for electrocatalytic oxygen reduction. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121256	12.8	58
5	Environmental impact assessment of converting flexible packaging plastic waste to pyrolysis oil and multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2020 , 390, 121449	12.8	46
4	Environmental perspectives of recycling various combustion ashes in cement production - A review. <i>Waste Management</i> , 2018 , 78, 401-416	8.6	83
3	Review of MSWI bottom ash utilization from perspectives of collective characterization, treatment and existing application. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 79, 24-38	16.2	117
2	Life cycle assessment of the present and proposed food waste management technologies from environmental and economic impact perspectives. <i>Journal of Cleaner Production</i> , 2016 , 131, 607-614	10.3	104
1	Hydrolytic and acidogenic fermentation potential of food waste with source segregated feces-without-urine as co-substrate. <i>Bioresource Technology</i> , 2014 , 167, 564-8	11	16

