Vaibhav Gaikwad

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4466804/publications.pdf

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13	354	1307594 7	1125743 13
papers	citations	h-index	g-index

13	13	13	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The present and future of e-waste plastics recycling. Current Opinion in Green and Sustainable Chemistry, 2018, 13, 102-107.	5.9	107
2	Transformation of E-Waste Plastics into Sustainable Filaments for 3D Printing. ACS Sustainable Chemistry and Engineering, 2018, 6, 14432-14440.	6.7	56
3	Activated Carbon from E-Waste Plastics as a Promising Anode for Sodium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 10310-10322.	6.7	41
4	Thermal Transformation of Waste Toner Powder into a Value-Added Ferrous Resource. ACS Sustainable Chemistry and Engineering, 2017, 5, 11543-11550.	6.7	39
5	Transformation of waste toner to iron using E-waste plastics as a carbon resource. Journal of Cleaner Production, 2018, 192, 244-251.	9.3	38
6	Extraordinary supercapacitance in activated carbon produced via a sustainable approach. Journal of Power Sources, 2018, 394, 140-147.	7.8	31
7	Cost-effective and sustainable approach to transform end-of-life vinyl banner to value added product. Resources, Conservation and Recycling, 2018, 136, 9-21.	10.8	13
8	Nonâ€Oxidative Conversion of 1,2â€Dichloroethane in a Nonâ€Thermal Plasma and Characterisation of the Polymer Formed. Plasma Processes and Polymers, 2013, 10, 141-149.	3.0	7
9	Application of High-Resolution NMR and GCâ€“MS to Study Hydrocarbon Oils Derived from Noncatalytic Thermal Transformation of e-Waste Plastics. ACS Omega, 2018, 3, 9282-9289.	3.5	7
10	Repurposing Waste Tires as Tunable Frameworks for Use in Sodium-Ion and Lithiumâ€“Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 6972-6990.	6.7	7
11	Direct Transformation of Metallized Paper into Al-Si Nano-Rod and Al Nano-Particles Using Thermal Micronizing Technique. Materials, 2018, 11, 1964.	2.9	4
12	Reaction of carbon tetrachloride with methane in a non-equilibrium plasma at atmospheric pressure, and characterisation of the polymer thus formed. Journal of Hazardous Materials, 2014, 280, 38-45.	12.4	3
13	Process for Chloroform Decomposition: Nonthermal Plasma Polymerization with Methane and Hydrogen. Industrial & Engineering Chemistry Research, 2018, 57, 9075-9082.	3.7	1