

Rashid Mustafa Korai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

911
citations

758635

12
h-index

1058022

14
g-index

14
all docs

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docs citations

14
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks for energy storage devices: Batteries and supercapacitors. <i>Journal of Energy Storage</i> , 2019, 21, 632-646.	3.9	271
2	Electrochemical deposition of nickel graphene composite coatings: effect of deposition temperature on its surface morphology and corrosion resistance. <i>RSC Advances</i> , 2017, 7, 31100-31109.	1.7	206
3	Synthesis of spheres-like Ni/graphene nanocomposite as an efficient anti-corrosive coating; effect of graphene content on its morphology and mechanical properties. <i>Journal of Alloys and Compounds</i> , 2018, 755, 79-88.	2.8	96
4	Wheat straw pretreatment with KOH for enhancing biomethane production and fertilizer value in anaerobic digestion. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 404-409.	1.7	92
5	Facile and large-scalable synthesis of low cost hard carbon anode for sodium-ion batteries. <i>Results in Physics</i> , 2019, 14, 102404.	2.0	60
6	Boosting oxygen reduction reaction activity by incorporating the iron phthalocyanine nanoparticles on carbon nanotubes network. <i>Inorganic Chemistry Communication</i> , 2020, 120, 108160.	1.8	50
7	An Insight into the Anaerobic Co-digestion of Municipal Solid Waste and Food Waste: Influence of Co-substrate Mixture Ratio and Substrate to Inoculum Ratio on Biogas Production. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 1356-1370.	1.4	29
8	Continuous dynamics in anaerobic reactor during bioconversion of rice straw: Rate of substance utilization, biomethane production and changes in microbial community structure. <i>Science of the Total Environment</i> , 2019, 687, 1274-1284.	3.9	21
9	Impact of C/N ratios and organic loading rates of paper, cardboard and tissue wastes in batch and CSTR anaerobic digestion with food waste on their biogas production and digester stability. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	20
10	Effect of ultrasonic assisted KOH pretreatment on physiochemical characteristic and anaerobic digestion performance of wheat straw. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 2409-2416.	1.7	18
11	Improving methane content and yield from rice straw by adding extra hydrogen into a two-stage anaerobic digestion system. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 3739-3749.	3.8	15
12	Citronellal cyclisation to isopulegol over micro-mesoporous zsm-5 zeolite: effects of desilication temperature on textural and catalytic properties. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 128, 507-522.	0.8	13
13	High levels of ammonia nitrogen for biological biogas upgrading. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 28488-28498.	3.8	11
14	Effect of ultrasonic application during KOH pretreatment and anaerobic process on digestion performance of wheat straw. <i>RSC Advances</i> , 2020, 10, 9290-9298.	1.7	9