

Minhaj Uddin Monir

List of Publications by Year in descending order

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34
papers

933
citations

471371

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36
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Gasification of Empty Palm Fruit Bunches Using Charcoal and Bismuth Oxide for Syngas Production. <i>Topics in Catalysis</i> , 2023, 66, 64-74.	1.3	2
2	Functional novel ligand based palladium(II) separation and recovery from e-waste using solvent-ligand approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127767.	2.3	29
3	Sustainable energy sources in Bangladesh: A review on present and future prospect. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 155, 111870.	8.2	17
4	Monitoring of land use and land cover changes by using remote sensing and GIS techniques at human-induced mangrove forests areas in Bangladesh. <i>Remote Sensing Applications: Society and Environment</i> , 2022, 25, 100699.	0.8	13
5	Integrated technique to produce sustainable bioethanol from lignocellulosic biomass. <i>Materials Letters: X</i> , 2022, 13, 100127.	0.3	3
6	Hydrochemical investigations of coastal aquifers and saltwater intrusion in severely affected areas of Satkhira and Bagerhat districts, Bangladesh. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	4
7	Hydrogen energyâ€™Potential in developing countries. , 2022, , 299-325.		1
8	Evaluation of groundwater quality and its suitability by applying the geospatial and IWQI techniques for irrigation purposes in the southwestern coastal plain of Bangladesh. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	8
9	A snapshot of <scp>coalâ€™fired</scp> power generation in <scp>Bangladesh</scp>: A <scp>demandâ€™supply</scp> outlook. <i>Natural Resources Forum</i> , 2021, 45, 157-182.	1.8	43
10	Energy challenges for a clean environment: Bangladeshâ€™s experience. <i>Energy Reports</i> , 2021, 7, 3373-3389.	2.5	51
11	Syngas Production from Co-gasification of Forest Residue and Charcoal in a Pilot Scale Downdraft Reactor. <i>Waste and Biomass Valorization</i> , 2020, 11, 635-651.	1.8	23
12	Advances in sustainable approaches to recover metals from e-waste-A review. <i>Journal of Cleaner Production</i> , 2020, 244, 118815.	4.6	290
13	Hydrogen-rich syngas fermentation for bioethanol production using <i>Sacharomyces cerevisia</i> . <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18241-18249.	3.8	13
14	Syngas fermentation to bioethanol. , 2020, , 195-216.		2
15	Dataset on the evaluation of hydrochemical properties and groundwater suitability for irrigation purposes: South-western part of Jashore, Bangladesh. <i>Data in Brief</i> , 2020, 32, 106315.	0.5	6
16	Performance studies on co-gasification between coal/sawdust and coal/wood pellet using RSM. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 736, 022085.	0.3	3
17	Co-gasification between coal/sawdust and coal/wood pellet: A parametric study using response surface methodology. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 15963-15976.	3.8	28
18	Bioethanol production through syngas fermentation in a tar free bioreactor using <i>Clostridium butyricum</i> . <i>Renewable Energy</i> , 2020, 157, 1116-1123.	4.3	28

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19	Evaluation of hydrochemical properties and groundwater suitability for irrigation uses in southwestern zones of Jashore, Bangladesh. <i>Groundwater for Sustainable Development</i> , 2020, 11, 100441.	2.3	20
20	La-doped cobalt supported on mesoporous alumina catalysts for improved methane dry reforming and coke mitigation. <i>Journal of the Energy Institute</i> , 2020, 93, 1571-1580.	2.7	29
21	Thermal treatment of tar generated during co-gasification of coconut shell and charcoal. <i>Journal of Cleaner Production</i> , 2020, 256, 120305.	4.6	21
22	Enhanced Hydrogen Generation from Empty Fruit Bunches by Charcoal Addition into a Downdraft Gasifier. <i>Chemical Engineering and Technology</i> , 2020, 43, 762-769.	0.9	9
23	Monitoring of Groundwater Quality in Arsenic and Salinity Prone Areas of Jashore, Bangladesh. <i>International Journal of Economic and Environment Geology</i> , 2020, 11, 83-88.	0.2	2
24	Monitoring of Groundwater Quality in Arsenic and Salinity Prone Areas of Jashore, Bangladesh. <i>International Journal of Economic and Environment Geology</i> , 2020, 11, 83-88.	0.2	0
25	Plasmonic enhanced Au decorated TiO ₂ nanotube arrays as a visible light active catalyst towards photocatalytic CO ₂ conversion to CH ₄ . <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103233.	3.3	47
26	Co-gasification of empty fruit bunch in a downdraft reactor: A pilot scale approach. <i>Bioresource Technology Reports</i> , 2018, 1, 39-49.	1.5	56
27	Gasification of lignocellulosic biomass to produce syngas in a 50 kW downdraft reactor. <i>Biomass and Bioenergy</i> , 2018, 119, 335-345.	2.9	37
28	Application of Electroporation Technique in Biofuel Processing. <i>MATEC Web of Conferences</i> , 2017, 97, 01085.	0.1	4
29	Social business models for empowering the biogas technology. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017, 12, 99-109.	1.8	21
30	Enhancing Co-Gasification of Coconut Shell by reusing Char. <i>Indian Journal of Science and Technology</i> , 2017, 10, 1-5.	0.5	18
31	Investigation the Risk of Spontaneous Combustion in Barapukuria Coal Mine, Dinajpur, Bangladesh. <i>Journal of Geoscience and Environment Protection</i> , 2016, 04, 74-79.	0.2	7
32	Municipal solid waste (MSW) as a source of renewable energy in Bangladesh: Revisited. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 35-41.	8.2	85
33	Thermal Effect on Co-product Tar Produced with Syngas Through Co-gasification of Coconut Shell and Charcoal. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 736, 022007.	0.3	6
34	Optimization of fuel properties in two different peat reserve areas using surface response methodology and square regression analysis. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	3