

Minhaj Uddin Monir

List of Publications by Year in descending order

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papers

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36
all docs

36
docs citations

36
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in sustainable approaches to recover metals from e-waste-A review. Journal of Cleaner Production, 2020, 244, 118815.	4.6	290
2	Municipal solid waste (MSW) as a source of renewable energy in Bangladesh: Revisited. Renewable and Sustainable Energy Reviews, 2014, 39, 35-41.	8.2	85
3	Co-gasification of empty fruit bunch in a downdraft reactor: A pilot scale approach. Bioresource Technology Reports, 2018, 1, 39-49.	1.5	56
4	Energy challenges for a clean environment: Bangladesh's experience. Energy Reports, 2021, 7, 3373-3389.	2.5	51
5	Plasmonic enhanced Au decorated TiO ₂ nanotube arrays as a visible light active catalyst towards photocatalytic CO ₂ conversion to CH ₄ . Journal of Environmental Chemical Engineering, 2019, 7, 103233.	3.3	47
6	A snapshot of coal-fired power generation in Bangladesh: A demand-supply outlook. Natural Resources Forum, 2021, 45, 157-182.	1.8	43
7	Gasification of lignocellulosic biomass to produce syngas in a 50 kW downdraft reactor. Biomass and Bioenergy, 2018, 119, 335-345.	2.9	37
8	La-doped cobalt supported on mesoporous alumina catalysts for improved methane dry reforming and coke mitigation. Journal of the Energy Institute, 2020, 93, 1571-1580.	2.7	29
9	Functional novel ligand based palladium(II) separation and recovery from e-waste using solvent-ligand approach. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127767.	2.3	29
10	Co-gasification between coal/sawdust and coal/wood pellet: A parametric study using response surface methodology. International Journal of Hydrogen Energy, 2020, 45, 15963-15976.	3.8	28
11	Bioethanol production through syngas fermentation in a tar free bioreactor using Clostridium butyricum. Renewable Energy, 2020, 157, 1116-1123.	4.3	28
12	Syngas Production from Co-gasification of Forest Residue and Charcoal in a Pilot Scale Downdraft Reactor. Waste and Biomass Valorization, 2020, 11, 635-651.	1.8	23
13	Social business models for empowering the biogas technology. Energy Sources, Part B: Economics, Planning and Policy, 2017, 12, 99-109.	1.8	21
14	Thermal treatment of tar generated during co-gasification of coconut shell and charcoal. Journal of Cleaner Production, 2020, 256, 120305.	4.6	21
15	Evaluation of hydrochemical properties and groundwater suitability for irrigation uses in southwestern zones of Jashore, Bangladesh. Groundwater for Sustainable Development, 2020, 11, 100441.	2.3	20
16	Enhancing Co-Gasification of Coconut Shell by reusing Char. Indian Journal of Science and Technology, 2017, 10, 1-5.	0.5	18
17	Sustainable energy sources in Bangladesh: A review on present and future prospect. Renewable and Sustainable Energy Reviews, 2022, 155, 111870.	8.2	17
18	Hydrogen-rich syngas fermentation for bioethanol production using Saccharomyces cerevisiae. International Journal of Hydrogen Energy, 2020, 45, 18241-18249.	3.8	13

#	ARTICLE	IF	CITATIONS
19	Monitoring of land use and land cover changes by using remote sensing and GIS techniques at human-induced mangrove forests areas in Bangladesh. Remote Sensing Applications: Society and Environment, 2022, 25, 100699.	0.8	13
20	Enhanced Hydrogen Generation from Empty Fruit Bunches by Charcoal Addition into a Downdraft Gasifier. Chemical Engineering and Technology, 2020, 43, 762-769.	0.9	9
21	Evaluation of groundwater quality and its suitability by applying the geospatial and IWQI techniques for irrigation purposes in the southwestern coastal plain of Bangladesh. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	8
22	Investigation the Risk of Spontaneous Combustion in Barapukuria Coal Mine, Dinajpur, Bangladesh. Journal of Geoscience and Environment Protection, 2016, 04, 74-79.	0.2	7
23	Dataset on the evaluation of hydrochemical properties and groundwater suitability for irrigation purposes: South-western part of Jashore, Bangladesh. Data in Brief, 2020, 32, 106315.	0.5	6
24	Thermal Effect on Co-product Tar Produced with Syngas Through Co-gasification of Coconut Shell and Charcoal. IOP Conference Series: Materials Science and Engineering, 0, 736, 022007.	0.3	6
25	Application of Electroporation Technique in Biofuel Processing. MATEC Web of Conferences, 2017, 97, 01085.	0.1	4
26	Hydrochemical investigations of coastal aquifers and saltwater intrusion in severely affected areas of Satkhira and Bagerhat districts, Bangladesh. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	4
27	Performance studies on co-gasification between coal/sawdust and coal/wood pellet using RSM. IOP Conference Series: Materials Science and Engineering, 2020, 736, 022085.	0.3	3
28	Optimization of fuel properties in two different peat reserve areas using surface response methodology and square regression analysis. Biomass Conversion and Biorefinery, 0, , 1.	2.9	3
29	Integrated technique to produce sustainable bioethanol from lignocellulosic biomass. Materials Letters: X, 2022, 13, 100127.	0.3	3
30	Syngas fermentation to bioethanol. , 2020, , 195-216.		2
31	Monitoring of Groundwater Quality in Arsenic and Salinity Prone Areas of Jashore, Bangladesh. International Journal of Economic and Environment Geology, 2020, 11, 83-88.	0.2	2
32	Catalytic Gasification of Empty Palm Fruit Bunches Using Charcoal and Bismuth Oxide for Syngas Production. Topics in Catalysis, 2023, 66, 64-74.	1.3	2
33	Hydrogen energyâ€Potential in developing countries. , 2022, , 299-325.		1
34	Monitoring of Groundwater Quality in Arsenic and Salinity Prone Areas of Jashore, Bangladesh. International Journal of Economic and Environment Geology, 2020, 11, 83-88.	0.2	0