

# Tanvir Alam

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

397  
citations

1039406

9  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

384  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the production of renewable aviation fuels from the gasification of biomass and residual wastes. <i>Bioresource Technology</i> , 2020, 312, 123596.	4.8	171
2	The status of waste management and waste to energy for district heating in South Korea. <i>Waste Management</i> , 2019, 85, 304-316.	3.7	41
3	A critical review on the development and challenges of concentrated solar power technologies. <i>Sustainable Energy Technologies and Assessments</i> , 2021, 47, 101434.	1.7	34
4	A critical review of ash slagging mechanisms and viscosity measurement for low-rank coal and bio-slugs. <i>Frontiers in Energy</i> , 2021, 15, 46-67.	1.2	28
5	Gasification of Solid Fuels (Coal, Biomass and MSW): Overview, Challenges and Mitigation Strategies. <i>Energies</i> , 2022, 15, 4444.	1.6	22
6	Gasification characteristics of biomass for tar removal by secondary oxidant injection. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 823-831.	1.6	15
7	Gasification applicability study of polyurethane solid refuse fuel fabricated from electric waste by measuring syngas and nitrogenous pollutant gases. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 509-516.	1.6	14
8	A Comparative Study of the Gasification of Solid Refuse Fuel in Downdraft Fixed Bed and Bubbling Fluidized Bed Reactors. <i>Waste and Biomass Valorization</i> , 2020, 11, 2345-2356.	1.8	14
9	Co-Gasification of Treated Solid Recovered Fuel Residue by Using Minerals Bed and Biomass Waste Blends. <i>Energies</i> , 2020, 13, 2081.	1.6	10
10	Low Chlorine Fuel Pellets Production from the Mixture of Hydrothermally Treated Hospital Solid Waste, Pyrolytic Plastic Waste Residue and Biomass. <i>Energies</i> , 2019, 12, 4390.	1.6	9
11	A Study on Environmental Assessment of Residue from Gasification of Polyurethane Waste in E-Waste Recycling Process. <i>Procedia Environmental Sciences</i> , 2016, 35, 639-642.	1.3	8
12	For Waste to Energy, Assessment of Fluff Type Solid Refuse Fuel by Thermal Characteristics Analyses. <i>Procedia Environmental Sciences</i> , 2016, 35, 498-505.	1.3	7
13	Studies on the Gasification Performance of Sludge Cake Pre-Treated by Hydrothermal Carbonization. <i>Energies</i> , 2020, 13, 1442.	1.6	6
14	Climate Change Impact: Climate Type, Vegetation Type, Rainfall Intensity Over Three Decades in Bangladesh. <i>IOSR Journal of Environmental Science, Toxicology and Food Technology</i> , 2013, 4, 56-59.	0.1	6
15	Gasification Applicability of Korean Municipal Waste Derived Solid Fuel: A Comparative Study. <i>Processes</i> , 2020, 8, 1375.	1.3	5
16	Influence of MgO content on bio-ash slagging propensity and flowability under mild reducing environment. <i>Fuel</i> , 2022, 322, 124207.	3.4	4
17	Qualitative analysis of tar based on tar sampling conditions for empty fruit bunch gasification. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 4695-4704.	2.9	2
18	A Study on Application of Gasification and Emission Characteristics of Gaseous Pollutants for Producing Syngas using High Calorific Waste. <i>Journal of Korea Society of Waste Management</i> , 2017, 34, 234-244.	0.1	1