

# Mohammad Shahed Hasan Khan Tushar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8304487/publications.pdf>

Version: 2024-02-01

11  
papers

499  
citations

932766

10  
h-index

1281420

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic and environmental assessment of a hybrid renewable energy system using multi-objective genetic algorithm: A case study for remote Island in Bangladesh. <i>Energy Conversion and Management</i> , 2021, 230, 113823.	4.4	98
2	Effects of different environmental and operational factors on the PV performance: A comprehensive review. <i>Energy Science and Engineering</i> , 2022, 10, 656-675.	1.9	77
3	Production of liquid fuels and chemicals from pyrolysis of Bangladeshi bicycle/rickshaw tire wastes. <i>Journal of Analytical and Applied Pyrolysis</i> , 2008, 82, 96-109.	2.6	76
4	Techno-economic optimisation of stand-alone hybrid renewable energy systems for concurrently meeting electric and heating demand. <i>Sustainable Cities and Society</i> , 2021, 68, 102763.	5.1	65
5	Production, characterization and reactivity studies of chars produced by the isothermal pyrolysis of flax straw. <i>Biomass and Bioenergy</i> , 2012, 37, 97-105.	2.9	64
6	Simulation and kinetic modeling of supercritical water gasification of biomass. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 4481-4493.	3.8	34
7	Techno-economic feasibility and size optimisation of an off-grid hybrid system for supplying electricity and thermal loads. <i>Energy</i> , 2021, 215, 119141.	4.5	30
8	Catalytic supercritical gasification of biocrude from hydrothermal liquefaction of cattle manure. <i>Applied Catalysis B: Environmental</i> , 2016, 189, 119-132.	10.8	29
9	Biohydrogen Production by Catalytic Supercritical Water Gasification: A Comparative Study. <i>ACS Omega</i> , 2020, 5, 15390-15401.	1.6	13
10	Analysis of Gaseous and Liquid Products from Pressurized Pyrolysis of Flax Straw in a Fixed Bed Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 4627-4632.	1.8	11
11	Efficiency Analysis of Crude Versus Pure Cellulase in Industry. <i>Clean Energy Production Technologies</i> , 2020, , 283-298.	0.3	2