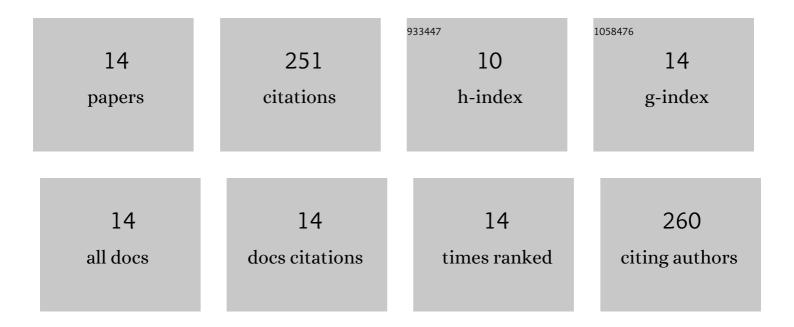
Abdul Muhaymin Petersen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Techno-economic assessment of integrating methanol or Fischer–Tropsch synthesis in a South African sugar mill. Bioresource Technology, 2015, 183, 141-152.	9.6	44
2	Techno-economic comparison of ethanol and electricity coproduction schemes from sugarcane residues at existing sugar mills in Southern Africa. Biotechnology for Biofuels, 2014, 7, .	6.2	37
3	Simulation and comparison of processes for biobutanol production from lignocellulose via ABE fermentation. Biofuels, Bioproducts and Biorefining, 2018, 12, 1023-1036.	3.7	29
4	Economic analysis of bioethanol and electricity production from sugarcane in South Africa. Biofuels, Bioproducts and Biorefining, 2018, 12, 224-238.	3.7	27
5	Technoâ€economic analysis of the valorization of brewers spent grains: production of xylitol and xyloâ€oligosaccharides. Journal of Chemical Technology and Biotechnology, 2021, 96, 1632-1644.	3.2	19
6	Evaluating refinery configurations for deriving sustainable aviation fuel from ethanol or syncrude. Fuel Processing Technology, 2021, 219, 106879.	7.2	19
7	Comparison of recovery of volatile fatty acids and mixed ketones as alternative downstream processes for acetogenisis fermentation. Biofuels, Bioproducts and Biorefining, 2018, 12, 882-898.	3.7	16
8	Techno-economics of integrating bioethanol production from spent sulfite liquor for reduction of greenhouse gas emissions from sulfite pulping mills. Biotechnology for Biofuels, 2014, 7, 169.	6.2	14
9	Systematic cost evaluations of biological and thermochemical processes for ethanol production from biomass residues and industrial off-gases. Energy Conversion and Management, 2021, 243, 114398.	9.2	14
10	Evaluation of Biorefining Scenarios for Advanced Fuels Production from Triticale Grain. Energy & Fuels, 2020, 34, 11003-11013.	5.1	12
11	Flowsheet analysis of gasification-synthesis-refining for sustainable aviation fuel production from invasive alien plants. Energy, 2022, 245, 123210.	8.8	8
12	Technical, Economic, and Greenhouse Gas Reduction Potential of Combined Ethanol Fermentation and Biofuel Gasification-Synthesis at Sulphite Pulping Mills. Energy & Fuels, 2016, 30, 7387-7399.	5.1	7
13	Flowsheet Analysis of Valourising Mixed Lignocellulose and Plastic Wastes via Fast Pyrolysis at a Paper Mill. Waste and Biomass Valorization, 2021, 12, 1025-1038.	3.4	3
14	Optimizing the processes of extracting proteins from yellow peas and ethanol production from spent pea residues. Biomass Conversion and Biorefinery, 2022, 12, 2913-2924.	4.6	2