

Åzgn Ycel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

608
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Review of Emulsion Stability and Characterization Techniques in Oil Processing. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	11
2	A comparison of machine learning algorithms for estimation of higher heating values of biomass and fossil fuels from ultimate analysis. Fuel, 2022, 320, 123971.	6.4	23
3	Predictive modeling of biomass gasification with machine learning-based regression methods. Energy, 2020, 191, 116541.	8.8	119
4	Data-driven identification and model predictive control of biomass gasification process for maximum energy production. Energy, 2020, 195, 117037.	8.8	25
5	Classification of solid fuels with machine learning. Fuel, 2020, 266, 117066.	6.4	28
6	PREDICTION OF PROXIMATE ANALYSIS AND PROCESS TEMPERATURE OF TORREFIED AND PYROLYZED WOOD PELLETS BY NEAR-INFRARED SPECTROSCOPY COUPLED WITH MACHINE LEARNING. Muşla Journal of Science and Technology, 2020, 6, 99-110.	0.1	3
7	Comparison of the different artificial neural networks in prediction of biomass gasification products. International Journal of Energy Research, 2019, 43, 5992-6003.	4.5	41
8	Experimental study on hydrogen-rich syngas production via gasification of pine cone particles and wood pellets in a fixed bed downdraft gasifier. International Journal of Hydrogen Energy, 2019, 44, 17389-17396.	7.1	56
9	EVALUATING THE EFFECT OF BLENDING RATIO ON THE CO-GASIFICATION OF HIGH ASH COAL AND BIOMASS IN A FLUIDIZED BED GASIFIER USING MACHINE LEARNING. Muşla Journal of Science and Technology, 2019, 5, 1-12.	0.1	13
10	Numerical Investigation of Fixed-Bed Downdraft Woody Biomass Gasification. , 2018, , 323-339.		3
11	Numerical and experimental investigation of hydrogen-rich syngas production via biomass gasification. International Journal of Hydrogen Energy, 2018, 43, 1105-1115.	7.1	65
12	An artificial intelligence based approach to predicting syngas composition for downdraft biomass gasification. Energy, 2018, 165, 895-901.	8.8	95
13	Development of a semi-empirical equilibrium model for downdraft gasification systems. Energy, 2017, 130, 86-98.	8.8	51
14	Modelling and simulation of a moving interface problem: freeze drying of black tea extract. Heat and Mass Transfer, 2017, 53, 2143-2154.	2.1	9
15	Comprehensive Study of Steam Reforming of Methane in Membrane Reactors. Journal of Energy Resources Technology, Transactions of the ASME, 2016, 138, .	2.3	10
16	Simulation and control of serviceable stratospheric balloons traversing a region via transport phenomena and PID. Aerospace Science and Technology, 2016, 53, 232-240.	4.8	12
17	Performance Simulation of Serviceable Stratospheric Balloon Control Using MATLAB/Simulink. , 2016, , 177-184.		0
18	Kinetic modeling and simulation of throated downdraft gasifier. Fuel Processing Technology, 2016, 144, 145-154.	7.2	44

#	ARTICLE	IF	CITATIONS
19	Effects of particle size and sintering atmosphere on the structure and performance of 316L/SiC composite hollow fiber membranes. <i>Journal of Porous Materials</i> , 0, , 1.	2.6	0
20	Development of a New Modelling Approach and Performance Evaluation of Meta-heuristic Optimization Algorithms for the Prediction of Kinetic Growth Parameters for <i>Pseudomonas</i> spp. in Fish. <i>Journal of Pure and Applied Microbiology</i> , 0, , .	0.9	0