

Jana Mišková

List of Publications by Year in descending order

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papers

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159
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-Based Evolution of a Fast Hybrid Fuzzy Adaptive Controller for a Pneumatic Muscle Actuator. International Journal of Advanced Robotic Systems, 2012, 9, 40.	2.1	37
2	Solving the Coupled Aerodynamic and Thermal Problem for Modeling the Air Distribution Devices with Perforated Plates. Energies, 2019, 12, 3488.	3.1	25
3	Operating Modes of Pneumatic Artificial Muscle Actuator. Applied Mechanics and Materials, 2013, 308, 39-44.	0.2	22
4	Ensuring the Reliability of Pneumatic Classification Process for Granular Material in a Rhomb-Shaped Apparatus. Applied Sciences (Switzerland), 2019, 9, 1604.	2.5	17
5	Biomass Combustion Control and Stabilization Using Low-Cost Sensors. Advances in Mechanical Engineering, 2013, 5, 685157.	1.6	15
6	Using Regression Analysis for Automated Material Selection in Smart Manufacturing. Mathematics, 2022, 10, 1888.	2.2	13
7	Comparative study of week-ahead forecasting of daily gas consumption in buildings using regression ARMA/SARMA and genetic-algorithm-optimized regression wavelet neural network models. Journal of Building Engineering, 2021, 34, 101955.	3.4	10
8	Monitoring of Operating Conditions of Biomass Combustion Process. Applied Mechanics and Materials, 0, 308, 153-158.	0.2	8
9	Using Special Filter with Membership Function in Biomass Combustion Process Control. Applied Sciences (Switzerland), 2018, 8, 1279.	2.5	8
10	Modeling of Technological Processes for a Rectification Plant in Second-Generation Bioethanol Production. Processes, 2021, 9, 944.	2.8	3
11	Biomass Combustion Control in Small and Medium-Scale Boilers Based on Low Cost Sensing the Trend of Carbon Monoxide Emissions. Processes, 2021, 9, 2030.	2.8	3
12	Monitoring of Biomass-Based Heat Production System. Applied Mechanics and Materials, 2014, 616, 143-150.	0.2	2
13	Numerical Simulation of Gas Flow Passing through Slots of Various Shapes in Labyrinth Seals. Energies, 2022, 15, 2971.	3.1	2