

Ioanna Aslanidou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

142
citations

1684188

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24
all docs

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docs citations

24
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Fleet Monitoring and Diagnostics Framework Based on Digital Twin of Aero-Engines. , 2018, , .		34
2	A Sub-idle Compressor Characteristic Generation Method With Enhanced Physical Background. Journal of Engineering for Gas Turbines and Power, 2011, 133, .	1.1	21
3	A Review of Information Fusion Methods for Gas Turbine Diagnostics. Sustainability, 2019, 11, 6202.	3.2	18
4	Onset of Nucleate Boiling Model for Rectangular Upward Narrow Channel: CFD Based Approach. International Journal of Heat and Mass Transfer, 2021, 165, 120715.	4.8	16
5	Micro Gas Turbines in the Future Smart Energy System: Fleet Monitoring, Diagnostics, and System Level Requirements. Frontiers in Mechanical Engineering, 2021, 7, .	1.8	15
6	Hydrocracking: A Perspective towards Digitalization. Sustainability, 2020, 12, 7058.	3.2	14
7	Leading Edge Shielding Concept in Gas Turbines With Can Combustors. , 2012, , .		3
8	Leading Edge Shielding Concept in Gas Turbines With Can Combustors. Journal of Turbomachinery, 2013, 135, .	1.7	3
9	Derivation and Uncertainty Quantification of a Data-Driven Subcooled Boiling Model. Energies, 2020, 13, 5987.	3.1	3
10	A Framework for Learning System for Complex Industrial Processes. , 0, , .		3
11	Simulation study for comparison of control structures for BFB biomass boiler. , 2021, , .		3
12	A Physically Enhanced Method for Sub-Idle Compressor Map Generation and Representation. , 2010, , .		2
13	Aerothermal Performance of Shielded Vane Design. Journal of Turbomachinery, 2017, 139, .	1.7	2
14	Near-infrared spectral measurements and multivariate analysis for predicting glass contamination of refuse-derived fuel. Energy Procedia, 2017, 142, 943-949.	1.8	2
15	Effect of the Combustor Wall on the Aerothermal Field of a Nozzle Guide Vane. Journal of Turbomachinery, 2018, 140, .	1.7	1
16	Sensor fault detection with Bayesian networks. , 2021, , .		1
17	AeroEngineS: Multi-Platform Application for Aero Engine Simulation and Compressor Map Operating Point Prediction. , 2019, , .		1
18	Teaching Gas Turbine Technology to Undergraduate Students in Sweden. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Reforming heat and power technology course using student feedback to enhance learning experience. International Journal of Mechanical Engineering Education, 2021, 49, 410-434.	1.0	0
20	Parameter estimation and sensitivity analysis for a diesel hydro-processing model. Computer Aided Chemical Engineering, 2021, 50, 573-578.	0.5	0
21	A Data-Driven Approach for the Prediction of Subcooled Boiling Heat Transfer. , 2021, , .		0
22	CFD Investigations of Subcooled Nucleate Boiling Flows and Acting Interfacial Forces in Concentric Pipes. , 2021, , .		0
23	Development of Web-Based Short Courses on Control, Diagnostics, and Instrumentation. , 2020, , .		0
24	Introduction of a Smartphone Application in an Aeroengine Technology Course. , 2020, , .		0