

Dionysios P Xenos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6316930/publications.pdf>

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13
papers

213
citations

1684188

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1474206

9
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13
all docs

13
docs citations

13
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand-side management and optimal operation of industrial electricity consumers: An example of an energy-intensive chemical plant. <i>Applied Energy</i> , 2016, 182, 418-433.	10.1	50
2	Optimization of a network of compressors in parallel: Real Time Optimization (RTO) of compressors in chemical plants – An industrial case study. <i>Applied Energy</i> , 2015, 144, 51-63.	10.1	43
3	Optimization of a network of compressors in parallel: Operational and maintenance planning – The air separation plant case. <i>Applied Energy</i> , 2015, 146, 453-470.	10.1	37
4	Operational optimization of networks of compressors considering condition-based maintenance. <i>Computers and Chemical Engineering</i> , 2016, 84, 117-131.	3.8	34
5	Detailed transient thermal simulation of a planar SOFC (solid oxide fuel cell) using gPROMS. <i>Energy</i> , 2015, 81, 84-102.	8.8	25
6	Modeling and Optimization of Industrial Centrifugal Compressor Stations Employing Data-Driven Methods. , 2014, , .		8
7	Physical modelling of industrial multistage centrifugal compressors for monitoring and simulation. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2015, 229, 3433-3448.	2.1	5
8	Optimal Operation and Maintenance of Gas Compressor Stations: An Integrated Framework Applied to a Large-Scale Industrial Case. <i>Journal of Engineering for Gas Turbines and Power</i> , 2016, 138, .	1.1	3
9	Operational Optimization of Compressors in Parallel Considering Condition-Based Maintenance. <i>Computer Aided Chemical Engineering</i> , 2014, 33, 1213-1218.	0.5	2
10	Online Performance Monitoring of Industrial Compressors Using Meanline Modelling. , 2014, , .		2
11	Simultaneous Nonlinear Reconciliation and Update of Parameters for Online Use of First-Principles Models: An Industrial Case-Study on Compressors. <i>Computer Aided Chemical Engineering</i> , 2014, 33, 457-462.	0.5	2
12	Preprocessing of raw data for developing steady-state data-driven models for optimizing compressor stations. , 2014, , .		1
13	Operational and Maintenance Planning of Compressors Networks in Air Separation Plants. , 2017, , 565-600.		1