

Reza Madoliat

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

77
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic simulation of gas pipeline networks with electrical analogy. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2017, 39, 4431-4441.	1.6	19
2	Explicit formulation for natural frequencies of double-beam system with arbitrary boundary conditions. Journal of Mechanical Science and Technology, 2017, 31, 515-521.	1.5	13
3	Free vibration analysis of partially connected parallel beams with elastically restrained ends. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2016, 230, 2851-2864.	2.1	9
4	Transient Optimization of Natural Gas Networks Using Intelligent Algorithms. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	9
5	Design of a neural network based predictive controller for natural gas pipelines in transient state. Journal of Natural Gas Science and Engineering, 2019, 62, 275-293.	4.4	9
6	Explicit formula to estimate natural frequencies of a double-beam system with crack. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	8
7	Inverse finite element formulations for transient heat conduction problems. Heat and Mass Transfer, 2008, 44, 569-577.	2.1	5
8	Free Vibration Analysis of a Conservative Two-Mass System with General Odd Type Nonlinear Connection. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2018, 88, 145-156.	1.2	3
9	A novel approach for dynamic flow simulation of gas pipelines using teaching-learning-based optimization algorithm. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 3085-3099.	2.1	1
10	Transient Simulation of Natural Gas Network by Hybrid Taguchi Binary Genetic Algorithm. International Journal of Nonlinear Sciences and Numerical Simulation, 2020, 21, 51-63.	1.0	1