

Nejlaoui, Mohamed Nejlaoui, M Moham

List of Publications by Year in descending order

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24
papers

148
citations

1478280

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h-index

1199470

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27
all docs

27
docs citations

27
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic evaluation of an off-grid health clinic considering the current and future energy challenges: A rural case study. <i>Renewable Energy</i> , 2021, 169, 34-52.	4.3	31
2	A multi-objective methodology for multi-criteria engineering design. <i>Applied Soft Computing Journal</i> , 2020, 91, 106204.	4.1	6
3	Optimization Design of the Sewing Mechanism Using Multi-criteria Colonial Competitive Method. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 64-73.	0.3	0
4	An efficient evolutionary algorithm for engineering design problems. <i>Soft Computing</i> , 2019, 23, 6197-6213.	2.1	11
5	A Novel Approach for Robust Design of Sewing Machine. <i>Lecture Notes in Mechanical Engineering</i> , 2019, , 112-119.	0.3	0
6	Multi-objective robust design optimization of a sewing mechanism under uncertainties. <i>Journal of Intelligent Manufacturing</i> , 2019, 30, 783-794.	4.4	7
7	Modeling and control of rail vehicle suspensions: A comparative study based on the passenger comfort. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 260-274.	1.1	8
8	Mechatronic design optimization of the mechanism in a sewing machine. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2018, 232, 542-556.	1.1	8
9	Multiobjective Constrained Optimization of Sewing Machine Mechatronic Performances. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 649-659.	0.3	0
10	A novel multi-criteria self-organising migrating algorithm for engineering problems. <i>International Journal of Computer Applications in Technology</i> , 2018, 57, 219.	0.3	2
11	ANALYTICAL MODELING OF NEEDLE TEMPERATURE IN AN INDUSTRIAL SEWING MACHINE. <i>Heat Transfer Research</i> , 2018, 49, 385-394.	0.9	5
12	A hybrid multi-objective imperialist competitive algorithm and Monte Carlo method for robust safety design of a rail vehicle. <i>Comptes Rendus - Mecanique</i> , 2017, 345, 712-723.	2.1	4
13	Multi-objective design optimisation of four-bar mechanisms using a hybrid ICA-GA algorithm. <i>International Journal of Reasoning-based Intelligent Systems</i> , 2017, 9, 43.	0.1	2
14	Multi-objective robust design optimization of a mechatronic system with uncertain parameters, using a polynomial chaos expansion method. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2017, 231, 729-739.	0.7	7
15	Mechatronic suspension design for full rail vehicle system. <i>Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics</i> , 2017, 231, 571-590.	0.5	1
16	Multi-objective robust design optimization of the mechanism in a sewing machine. <i>Mechanics and Industry</i> , 2017, 18, 606.	0.5	3
17	An improved modelling and optimisation of rail vehicle design based on safety criterion. <i>International Journal of Vehicle Safety</i> , 2017, 9, 209.	0.2	0
18	Control and vibration of rail vehicle semi-active suspensions with comfort evaluation. <i>International Journal of Vehicle Noise and Vibration</i> , 2017, 13, 52.	0.0	0

#	ARTICLE	IF	CITATIONS
19	An improved imperialist competitive algorithm for multi-objective optimization. Engineering Optimization, 2016, 48, 1823-1844.	1.5	28
20	Development of a reduced dynamic model for comfort evaluation of rail vehicle systems. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2016, 230, 489-504.	0.5	5
21	Mechatronic Rail Vehicle Design Based on the Passenger Comfort. Journal of Engineering Science and Technology Review, 2016, 2016, 176-186.	0.2	1
22	Optimal design of the needle bar and thread take up lever mechanism using a multi-objective imperialist competitive algorithm. , 2015, , .		6
23	Modeling and Simulation for Lateral Rail Vehicle Dynamic Vibration with Comfort Evaluation. Lecture Notes in Mechanical Engineering, 2015, , 625-634.	0.3	0
24	Analytical modeling of rail vehicle safety and comfort in short radius curved tracks. Comptes Rendus - Mecanique, 2009, 337, 303-311.	2.1	10