Nejlaoui, Mohamed Nejlaoui, M Moham

List of Publications by Year
in descending order

24 papers	148 citations	1478280 6 h-index	1199470 12 g-index
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. Renewable Energy, 2021, 169, 34-52.	4.3	31
2	An improved imperialist competitive algorithm for multi-objective optimization. Engineering Optimization, 2016, 48, 1823-1844.	1.5	28
3	An efficient evolutionary algorithm for engineering design problems. Soft Computing, 2019, 23, 6197-6213.	2.1	11
4	Analytical modeling of rail vehicle safety and comfort in short radius curved tracks. Comptes Rendus - Mecanique, 2009, 337, 303-311.	2.1	10
5	Modeling and control of rail vehicle suspensions: A comparative study based on the passenger comfort. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 260-274.	1.1	8
6	Mechatronic design optimization of the mechanism in a sewing machine. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2018, 232, 542-556.	1.1	8
7	Multi-objective robust design optimization of a mechatronic system with uncertain parameters, using a polynomial chaos expansion method. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2017, 231, 729-739.	0.7	7
8	Multi-objective robust design optimization of a sewing mechanism under uncertainties. Journal of Intelligent Manufacturing, 2019, 30, 783-794.	4.4	7
9	Optimal design of the needle bar and thread take up lever mechanism using a multi-objective imperialist competitive algorithm. , 2015, , .		6
10	A multi-objective methodology for multi-criteria engineering design. Applied Soft Computing Journal, 2020, 91, 106204.	4.1	6
11	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
12	ANALYTICAL MODELING OF NEEDLE TEMPERATURE IN AN INDUSTRIAL SEWING MACHINE. Heat Transfer Research, 2018, 49, 385-394.	0.9	5
13	A hybrid multi-objective imperialist competitive algorithm and Monte Carlo method for robust safety design of a rail vehicle. Comptes Rendus - Mecanique, 2017, 345, 712-723.	2.1	4
14	Multi-objective robust design optimization of the mechanism in a sewing machine. Mechanics and Industry, 2017, 18, 606.	0.5	3
15	Multi-objective design optimisation of four-bar mechanisms using a hybrid ICA-GA algorithm. International Journal of Reasoning-based Intelligent Systems, 2017, 9, 43.	0.1	2
16	A novel multi-criteria self-organising migrating algorithm for engineering problems. International Journal of Computer Applications in Technology, 2018, 57, 219.	0.3	2
17	Mechatronic suspension design for full rail vehicle system. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2017, 231, 571-590.	0.5	1
18	Mechatronic Rail Vehicle Design Based on the Passenger Comfort. Journal of Engineering Science and Technology Review, 2016, 2016, 176-186.	0.2	1

#	Article	IF	Citations
19	An improved modelling and optimisation of rail vehicle design based on safety criterion. International Journal of Vehicle Safety, 2017, 9, 209.	0.2	0
20	Control and vibration of rail vehicle semi-active suspensions with comfort evaluation. International Journal of Vehicle Noise and Vibration, 2017, 13, 52.	0.0	0
21	Multiobjective Constrained Optimization of Sewing Machine Mechatronic Performances. Lecture Notes in Mechanical Engineering, 2018, , 649-659.	0.3	0
22	A Novel Approach for Robust Design of Sewing Machine. Lecture Notes in Mechanical Engineering, 2019, , 112-119.	0.3	0
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	Optimization Design of the Sewing Mechanism Using Multi-criteria Colonial Competitive Method. Lecture Notes in Mechanical Engineering, 2020, , 64-73.	0.3	0