

Bhumeswar Patle

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

998
citations

840585

11
h-index

1058333

14
g-index

16
all docs

16
docs citations

16
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of surface roughness in wire electrical discharge machining of Inconel 718 using artificial neural network. <i>Materials Today: Proceedings</i> , 2021, 38, 3142-3148.	0.9	6
2	Metric-Cauchy sequence for wheeled mobile robot navigation. <i>Materials Today: Proceedings</i> , 2021, 38, 3213-3219.	0.9	0
3	Experimental investigation of fatigue life of Inconel 617 at elevated temperature. <i>Materials Today: Proceedings</i> , 2021, 38, 3125-3130.	0.9	0
4	Analysis of Fireflyâ€™Fuzzy Hybrid Algorithm for Navigation of Quad-Rotor Unmanned Aerial Vehicle. <i>Inventions</i> , 2020, 5, 48.	1.3	15
5	Autonomous mobile robot navigation between static and dynamic obstacles using multiple ANFIS architecture. <i>World Journal of Engineering</i> , 2019, 16, 275-286.	1.0	52
6	A review: On path planning strategies for navigation of mobile robot. <i>Defence Technology</i> , 2019, 15, 582-606.	2.1	506
7	The Optimized Path For A Mobile Robot Using Fuzzy Decision Function. <i>Materials Today: Proceedings</i> , 2019, 18, 3575-3581.	0.9	4
8	Application of probability to enhance the performance of fuzzy based mobile robot navigation. <i>Applied Soft Computing Journal</i> , 2019, 75, 265-283.	4.1	30
9	Eigenfrequency and deflection analysis of layered structure using uncertain elastic properties â€™ a fuzzy finite element approach. <i>International Journal of Approximate Reasoning</i> , 2018, 98, 163-176.	1.9	13
10	Stress, deflection, and frequency analysis of CNT reinforced graded sandwich plate under uniform and linear thermal environment: A finite element approach. <i>Polymer Composites</i> , 2018, 39, 3792-3809.	2.3	38
11	Matrix-Binary Codes based Genetic Algorithm for path planning of mobile robot. <i>Computers and Electrical Engineering</i> , 2018, 67, 708-728.	3.0	123
12	Theoretical and experimental validation of nonlinear deflection and stress responses of an internally debonded layer structure using different higher-order theories. <i>Acta Mechanica</i> , 2018, 229, 3453-3473.	1.1	11
13	Path planning in uncertain environment by using firefly algorithm. <i>Defence Technology</i> , 2018, 14, 691-701.	2.1	129
14	On firefly algorithm: optimization and application in mobile robot navigation. <i>World Journal of Engineering</i> , 2017, 14, 65-76.	1.0	38
15	Nonlinear Free Vibration Analysis of Laminated Carbon/Epoxy Curved Panels. <i>Defence Science Journal</i> , 2017, 67, 207.	0.5	21
16	Probabilistic fuzzy controller based robotics path decision theory. <i>World Journal of Engineering</i> , 2016, 13, 181-192.	1.0	12