

# Bhumeswar Patle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1455688/publications.pdf>

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