

Anish Pandey

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,304
citations

687363

13
h-index

377865

34
g-index

52
all docs

52
docs citations

52
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization technique for trajectory planning of multi-humanoid robots in cluttered terrain. ISA Transactions, 2022, 125, 591-613.	5.7	11
2	Stabilized Walking of Humanoid NAO using Enhanced Spring-Loaded Inverted Pendulum Model on Uneven Terrain. International Journal of Social Ecology and Sustainable Development, 2022, 13, 0-0.	0.2	0
3	Trajectory tracking of single and multiple humanoid robots in cluttered environment. Materials Today: Proceedings, 2022, , .	1.8	0
4	Fuzzy logic controlled autonomous quadruped robot. Materials Today: Proceedings, 2022, , .	1.8	0
5	Design and fabrication of a novel concept-based autonomous controlled solar powered four-wheeled Floor Cleaning Robot for wet and dry surfaces. International Journal of Information Technology (Singapore), 2022, 14, 1995-2004.	2.7	2
6	INVESTIGATION OF MACHINABILITY PERFORMANCE IN TURNING OF Ti-6Al-4V ELI ALLOY USING FIREFLY ALGORITHM AND GRNN APPROACHES. Surface Review and Letters, 2022, 29, .	1.1	5
7	Design and Analysis of a Novel Concept-Based Unmanned Aerial Vehicle with Ground Traversing Capability. Acta Mechanica Et Automatica, 2022, 16, 169-179.	0.6	1
8	Improved Modified Chaotic Invasive Weed Optimization Approach to Solve Multi-Target Assignment for Humanoid Robot. Journal of Robotics and Control (JRC), 2021, 2, .	1.3	5
9	Sunflower optimization algorithm based steering angle controlled motion planning of two-wheeled Pioneer P3-DX robot in V-REP scenario. AIP Conference Proceedings, 2021, , .	0.4	0
10	Path optimization for multiple humanoid robot using TLBO based ANFIS controller in obscure environment. Materials Today: Proceedings, 2021, 47, 2677-2677.	1.8	3
11	Analysis of Hybrid Technique for Motion Planning of Humanoid NAO. International Journal of Robotics and Control Systems, 2021, 1, 75-83.	1.0	0
12	Analysis of optimized turning parameters of Hastelloy C-276 using PVD coated carbide inserts in CNC lathe under dry condition. Materials Today: Proceedings, 2021, 47, 2929-2948.	1.8	8
13	Motor velocity based multi-objective genetic algorithm controlled navigation method for two-wheeled pioneer P3-DX robot in V-REP scenario. International Journal of Information Technology (Singapore), 2021, 13, 2101-2108.	2.7	5
14	Analysis of Wiper Tool Failure and Surface Roughness in Turning of Bio-compatible Ti-6Al-4V ELI Alloy. Journal of Failure Analysis and Prevention, 2021, 21, 1403-1422.	0.9	5
15	Orientation angle based online motion control of an Aldebaran NAO humanoid robot in V-REP software environment using novel sunflower optimization (SFO) algorithm. International Journal of Information Technology (Singapore), 2021, 13, 2175-2183.	2.7	1
16	Generalised Regression Neural Network (GRNN) Architecture-Based Motion Planning and Control of an E-Puck Robot in V-REP Software Platform. Acta Mechanica Et Automatica, 2021, 15, 209-214.	0.6	3
17	V-REP-based navigation of automated wheeled robot between obstacles using PSO-tuned feedforward neural network. Journal of Computational Design and Engineering, 2020, 7, 427-434.	3.1	30
18	Type-2 Fuzzy Controller (T2FC) Based Motion Planning of Differential-Drive Pioneer P3-DX Wheeled Robot in V-REP Software Platform. Intelligent Systems Reference Library, 2020, , 47-57.	1.2	6

#	ARTICLE	IF	CITATIONS
19	Optimized Path Planning for Three-Wheeled Autonomous Robot Using Teaching-Learning-Based Optimization Technique. Lecture Notes in Mechanical Engineering, 2020, , 49-57.	0.4	14
20	Optimum Navigation of Four-Wheeled Ground Robot in Stationary and Non-stationary Environments Using Wind-Driven Optimization Algorithm. Lecture Notes in Mechanical Engineering, 2020, , 931-941.	0.4	6
21	Particle Swarm Optimization of Multi-responses in Hard Turning of D2 Steel. Advances in Intelligent Systems and Computing, 2020, , 237-244.	0.6	1
22	Investigation on hard turning temperature under a novel pulsating MQL environment: An experimental and modelling approach. Mechanics and Industry, 2020, 21, 605.	1.3	6
23	Analysis of Firefly-Fuzzy Hybrid Controller for Wheeled Mobile Robot. , 2019, , .		2
24	Autonomous mobile robot navigation between static and dynamic obstacles using multiple ANFIS architecture. World Journal of Engineering, 2019, 16, 275-286.	1.6	52
25	A review: On path planning strategies for navigation of mobile robot. Defence Technology, 2019, 15, 582-606.	4.2	506
26	The Optimized Path For A Mobile Robot Using Fuzzy Decision Function. Materials Today: Proceedings, 2019, 18, 3575-3581.	1.8	4
27	Dynamic Motion Planning for Autonomous Wheeled Robot using Minimum Fuzzy Rule based Controller with Avoidance of Moving Obstacles. International Journal of Innovative Technology and Exploring Engineering, 2019, 9, 4192-4198.	0.3	1
28	Dynamic Path Planning for Autonomous Mobile Robot using Minimum Fuzzy Rule Based Controller with Avoidance of Moving Obstacles. , 2018, , .		5
29	Path planning in uncertain environment by using firefly algorithm. Defence Technology, 2018, 14, 691-701.	4.2	129
30	Different Nature-Inspired Techniques Applied for Motion Planning of Wheeled Robot: A Critical Review. International Journal of Advanced Robotics and Automation, 2018, 3, 1-10.	0.3	16
31	Optimum path planning of mobile robot in unknown static and dynamic environments using Fuzzy-Wind Driven Optimization algorithm. Defence Technology, 2017, 13, 47-58.	4.2	98
32	Intelligent navigation and control of a mobile robot in static and dynamic environments using hybrid fuzzy architecture. International Journal of Autonomic Computing, 2017, 2, 255.	0.2	3
33	Cascade Neuro-Fuzzy Architecture Based Mobile- Robot Navigation and Obstacle Avoidance in Static and Dynamic Environments. International Journal of Advanced Robotics and Automation, 2017, 1, 1-9.	0.3	3
34	Mobile Robot Navigation and Obstacle Avoidance Techniques: A Review. International Robotics & Automation Journal, 2017, 2, .	0.4	126
35	Autonomous mobile robot navigation in cluttered environment using hybrid Takagi-Sugeno fuzzy model and simulated annealing algorithm controller. World Journal of Engineering, 2016, 13, 431-440.	1.6	14
36	New algorithm for behaviour-based mobile robot navigation in cluttered environment using neural network architecture. World Journal of Engineering, 2016, 13, 129-141.	1.6	14

#	ARTICLE	IF	CITATIONS
37	Mobile robot navigation in unknown static environments using ANFIS controller. Perspectives in Science, 2016, 8, 421-423.	0.6	51
38	Multiple Mobile Robots Navigation and Obstacle Avoidance Using Minimum Rule Based ANFIS Network Controller in the Cluttered Environment. International Journal of Advanced Robotics and Automation, 2016, 1, 1-11.	0.3	26
39	Path planning navigation of mobile robot with obstacles avoidance using fuzzy logic controller. , 2014, , .		57
40	Numerical and Experimental Verification of a Method for Prognosis of Inclined Edge Crack in Cantilever Beam based on Synthesis of Mode Shapes. Procedia Technology, 2014, 14, 67-74.	1.1	21
41	MATLAB Simulation for Mobile Robot Navigation with Hurdles in Cluttered Environment Using Minimum Rule based Fuzzy Logic Controller. Procedia Technology, 2014, 14, 28-34.	1.1	24
42	Path planning of an autonomous mobile robot using adaptive network based fuzzy controller. , 2013, , .		12
43	Controlled Gait Planning of Humanoid Robot NAO Based on 3D-LIPM Model. SSRN Electronic Journal, 0, , .	0.4	11
44	MACHINABILITY INVESTIGATION OF HIGH-STRENGTH 7068 ALUMINUM ALLOY: A POTENTIAL STUDY THROUGH EXPERIMENTATION, SPOTTED HYENA OPTIMIZATION AND ADVANCED MODELING APPROACHES. Surface Review and Letters, 0, , .	1.1	0