

Muhammad Khan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

364
citations

1039406

9
h-index

887659

17
g-index

25
all docs

25
docs citations

25
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	fNIRS-based Neurobotic Interface for gait rehabilitation. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 7.	2.4	76
2	Real-Time Machine-Learning Based Crop/Weed Detection and Classification for Variable-Rate Spraying in Precision Agriculture. , 2020, , .		60
3	CPS Oriented Control Design for Networked Surveillance Robots With Multiple Physical Constraints. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 778-791.	1.9	38
4	An adaptive trajectory tracking control of four rotor hover vehicle using extended normalized radial basis function network. Mechanical Systems and Signal Processing, 2017, 83, 53-74.	4.4	30
5	Formation Control and Tracking for Co-operative Robots with Non-holonomic Constraints. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 82, 163-174.	2.0	29
6	A Computationally Efficient Method for Hybrid EEG-fNIRS BCI Based on the Pearson Correlation. BioMed Research International, 2020, 2020, 1-13.	0.9	19
7	Distributed Multirobot Formation and Tracking Control in Cluttered Environments. ACM Transactions on Autonomous and Adaptive Systems, 2016, 11, 1-22.	0.4	17
8	Hybrid EEG-fNIRS BCI Fusion Using Multi-Resolution Singular Value Decomposition (MSVD). Frontiers in Human Neuroscience, 2020, 14, 599802.	1.0	15
9	TobSet: A New Tobacco Crop and Weeds Image Dataset and Its Utilization for Vision-Based Spraying by Agricultural Robots. Applied Sciences (Switzerland), 2022, 12, 1308.	1.3	15
10	Uncalibrated eye-in-hand visual servoing: an LMI approach. Industrial Robot, 2011, 38, 130-138.	1.2	13
11	Editorial: Neural & Bio-inspired Processing and Robot Control. Frontiers in Neurobotics, 2018, 12, 72.	1.6	10
12	Biomechanical Design and Control of Lower Limb Exoskeleton for Sit-to-Stand and Stand-to-Sit Movements. , 2018, , .		7
13	Attitude Control of Quad-copter using Deterministic Policy Gradient Algorithms (DPGA). , 2019, , .		7
14	Escaping Local Minima in Path Planning Using a Robust Bacterial Foraging Algorithm. Applied Sciences (Switzerland), 2020, 10, 7905.	1.3	7
15	Two-Controller Anti-Windup Design for Enlarging Domain of Stability of Actuator Constrained State-Delay Systems. Asian Journal of Control, 2013, 15, 1821-1832.	1.9	6
16	Mobile Robot Navigation Using Reinforcement Learning in Unknown Environments. Balkan Journal of Electrical and Computer Engineering, 2019, 7, 235-244.	0.4	5
17	A quadcopter swarm for active monitoring of smog propagation. , 2015, , .		2
18	Guaranteed Cost Control of Uncertain Discrete Time Systems Subjected to Actuator Saturation via Homogenous Polynomial Lyapunov Function. Scientia Iranica, 2016, 23, 1301-1309.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Reciprocal Altruism-based Path Planning Optimization for Multi-Agents. , 2022, , .		2
20	Control of Robot Arm PA-10 using Camera Vision. , 2007, , .		1
21	Visual landing of helicopter by divide and conquer rule. IEICE Electronics Express, 2011, 8, 1542-1548.	0.3	1
22	Vision-based isolated translations and rotations estimation for inverted robot approaching a target. Industrial Robot, 2012, 39, 494-499.	1.2	1
23	Robustness analysis of uncalibrated eye-in-hand visual servo system in the presence of parametric uncertainty. Industrial Robot, 2012, 39, 154-161.	1.2	1
24	Vision based system for camera tracking in eye-in-hand configuration. , 2009, , .		0
25	Sliding mode control for autonomous flight of tethered kite under varying wind speed conditions. , 2020, , .		0