

Seung-Mok Lee

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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citations

1163117

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all docs

18
docs citations

18
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	A Performance Comparison of Geomagnetic Field-Based Vector Field SLAM Approaches. Lecture Notes in Mechanical Engineering, 2020, , 213-218.	0.4	0
2	Artificial Intelligence Vision-Based Monitoring System for Ship Berthing. IEEE Access, 2020, 8, 227014-227023.	4.2	18
3	Automated generation of carbon nanotube morphology in cement composite via data-driven approaches. Composites Part B: Engineering, 2019, 167, 51-62.	12.0	20
4	Split-and-Merge-Based Genetic Algorithm (SM-GA) for LEGO Brick Sculpture Optimization. IEEE Access, 2018, 6, 40429-40438.	4.2	7
5	Development and experimental testing of an autonomous jellyfish detection and removal robot system. International Journal of Control, Automation and Systems, 2016, 14, 312-322.	2.7	14
6	A novel genetic algorithm for autonomous assembly of structural LEGO bricks. , 2015, , .		0
7	Evolutionary algorithm-based formation control and collision avoidance for multiple mobile robots. , 2015, , .		0
8	DV-SLAM (Dual-Sensor-Based Vector-Field SLAM) and Observability Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 1101-1112.	7.9	28
9	Cooperative Coevolutionary Algorithm-Based Model Predictive Control Guaranteeing Stability of Multirobot Formation. IEEE Transactions on Control Systems Technology, 2015, 23, 37-51.	5.2	32
10	Geomagnetic field-based localization with bicubic interpolation for mobile robots. International Journal of Control, Automation and Systems, 2015, 13, 967-977.	2.7	11
11	Indoor Mobile Robot Localization and Mapping Based on Ambient Magnetic Fields and Aiding Radio Sources. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1922-1934.	4.7	58
12	Receding horizon particle swarm optimisation-based formation control with collision avoidance for non-holonomic mobile robots. IET Control Theory and Applications, 2015, 9, 2075-2083.	2.1	36
13	A cooperative coevolutionary approach to multi-robot formation control. , 2014, , .		1
14	Cooperative coevolution-based model predictive control for multi-robot formation. , 2013, , .		3
15	Development of jellyfish removal robot system JEROS. , 2012, , .		5
16	Interval type-2 fuzzy logic controllers for flocking behavior. , 2011, , .		4
17	Design of interval type-2 fuzzy logic controllers for flocking algorithm. , 2011, , .		3
18	A New Steering Law with Designated Direction Escape (DDE) for Control Moment Gyros. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 315-317.	0.3	2