

Seung-Mok Lee

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | DV-SLAM (Dual-Sensor-Based Vector-Field SLAM) and Observability Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 1101-1112. | 7.9 | 28 |
| 5 | Automated generation of carbon nanotube morphology in cement composite via data-driven approaches. Composites Part B: Engineering, 2019, 167, 51-62. | 12.0 | 20 |
| 6 | Artificial Intelligence Vision-Based Monitoring System for Ship Berthing. IEEE Access, 2020, 8, 227014-227023. | 4.2 | 18 |
| 7 | 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 |
| 8 | Geomagnetic field-based localization with bicubic interpolation for mobile robots. International Journal of Control, Automation and Systems, 2015, 13, 967-977. | 2.7 | 11 |
| 9 | Split-and-Merge-Based Genetic Algorithm (SM-GA) for LEGO Brick Sculpture Optimization. IEEE Access, 2018, 6, 40429-40438. | 4.2 | 7 |
| 10 | Development of jellyfish removal robot system JEROS. , 2012, , . | | 5 |
| 11 | Interval type-2 fuzzy logic controllers for flocking behavior. , 2011, , . | | 4 |
| 12 | Design of interval type-2 fuzzy logic controllers for flocking algorithm. , 2011, , . | | 3 |
| 13 | Cooperative coevolution-based model predictive control for multi-robot formation. , 2013, , . | | 3 |
| 14 | 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 |
| 15 | A cooperative coevolutionary approach to multi-robot formation control. , 2014, , . | | 1 |
| 16 | A novel genetic algorithm for autonomous assembly of structural LEGO bricks. , 2015, , . | | 0 |
| 17 | Evolutionary algorithm-based formation control and collision avoidance for multiple mobile robots. , 2015, , . | | 0 |
| 18 | A Performance Comparison of Geomagnetic Field-Based Vector Field SLAM Approaches. Lecture Notes in Mechanical Engineering, 2020, , 213-218. | 0.4 | 0 |