Hyun Myung

List of Publications by Year
in descending order

186	2,949	172207	233125
papers	citations	29 h-index	45 g-index

191	191	191	2479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolutionary programming techniques for constrained optimization problems. IEEE Transactions on Evolutionary Computation, 1997, 1, 129-140.	7.5	164
2	Vision-based object detection and tracking for autonomous navigation of underwater robots. Ocean Engineering, 2012, 48, 59-68.	1.9	157
3	Vision-based displacement measurement method for high-rise building structures using partitioning approach. NDT and E International, 2010, 43, 642-647.	1.7	129
4	Angular rate-constrained path planning algorithm for unmanned surface vehicles. Ocean Engineering, 2014, 84, 37-44.	1.9	103
5	ERASOR: Egocentric Ratio of Pseudo Occupancy-Based Dynamic Object Removal for Static 3D Point Cloud Map Building. IEEE Robotics and Automation Letters, 2021, 6, 2272-2279.	3.3	83
6	Robust Vehicle Localization Using Entropy-Weighted Particle Filter-based Data Fusion of Vertical and Road Intensity Information for a Large Scale Urban Area. IEEE Robotics and Automation Letters, 2017, 2, 1518-1524.	3.3	74
7	A paired visual servoing system for 6-DOF displacement measurement of structures. Smart Materials and Structures, 2011, 20, 045019.	1.8	68
8	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.	2.4	58
9	Energy efficient path planning for a marine surface vehicle considering heading angle. Ocean Engineering, 2015, 107, 118-131.	1.9	56
10	Patchwork: Concentric Zone-Based Region-Wise Ground Segmentation With Ground Likelihood Estimation Using a 3D LiDAR Sensor. IEEE Robotics and Automation Letters, 2021, 6, 6458-6465.	3.3	53
11	Development of a Wall-Climbing Drone Capable of Vertical Soft Landing Using a Tilt-Rotor Mechanism. IEEE Access, 2019, 7, 4868-4879.	2.6	49
12	Run Your Visual-Inertial Odometry on NVIDIA Jetson: Benchmark Tests on a Micro Aerial Vehicle. IEEE Robotics and Automation Letters, 2021, 6, 5332-5339.	3.3	49
13	Paired Structured Light for Structural Health Monitoring Robot System. Structural Health Monitoring, 2011, 10, 49-64.	4.3	48
14	Weighted joint-based human behavior recognition algorithm using only depth information for low-cost intelligent video-surveillance system. Expert Systems With Applications, 2016, 45, 131-141.	4.4	48
15	Artificial landmark-based underwater localization for AUVs using weighted template matching. Intelligent Service Robotics, 2014, 7, 175-184.	1.6	46
16	Fuzzy Adaptive Attitude Estimation for a Fixed-Wing UAV With a Virtual SSA Sensor During a GPS Outage. IEEE Sensors Journal, 2020, 20, 1456-1472.	2.4	44
17	Hybrid evolutionary programming for heavily constrained problems. BioSystems, 1996, 38, 29-43.	0.9	41
18	Image-Based Monitoring of Jellyfish Using Deep Learning Architecture. IEEE Sensors Journal, 2016, 16, 2215-2216.	2.4	37

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19	Robust Interacting Multiple Model With Modeling Uncertainties for Maneuvering Target Tracking. IEEE Access, 2019, 7, 65427-65443.	2.6	37
20	Bridge Inspection Using Unmanned Aerial Vehicle Based on HG-SLAM: Hierarchical Graph-Based SLAM. Remote Sensing, 2020, 12, 3022.	1.8	37
21	Receding horizon particle swarm optimisationâ€based formation control with collision avoidance for nonâ€holonomic mobile robots. IET Control Theory and Applications, 2015, 9, 2075-2083.	1.2	36
22	Development of Algal Bloom Removal System Using Unmanned Aerial Vehicle and Surface Vehicle. IEEE Access, 2017, 5, 22166-22176.	2.6	36
23	Solution to the SLAM Problem in Low Dynamic Environments Using a Pose Graph and an RGB-D Sensor. Sensors, 2014, 14, 12467-12496.	2.1	33
24	Collision-free Autonomous Navigation of A Small UAV Using Low-cost Sensors in GPS-denied Environments. International Journal of Control, Automation and Systems, 2021, 19, 953-968.	1.6	33
25	Mobile robot localization with gyroscope and constrained Kalman filter. International Journal of Control, Automation and Systems, 2010, 8, 667-676.	1.6	32
26	Landmark-Based Particle Localization Algorithm for Mobile Robots With a Fish-Eye Vision System. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1745-1756.	3.7	32
27	Cooperative Coevolutionary Algorithm-Based Model Predictive Control Guaranteeing Stability of Multirobot Formation. IEEE Transactions on Control Systems Technology, 2015, 23, 37-51.	3.2	32
28	Real-Time Human Pose Estimation and Gesture Recognition from Depth Images Using Superpixels and SVM Classifier. Sensors, 2015, 15, 12410-12427.	2.1	31
29	UV-SLAM: Unconstrained Line-Based SLAM Using Vanishing Points for Structural Mapping. IEEE Robotics and Automation Letters, 2022, 7, 1518-1525.	3.3	31
30	Localization of AUVs using visual information of underwater structures and artificial landmarks. Intelligent Service Robotics, 2017, 10, 67-76.	1.6	29
31	Vision-Based Real-Time Obstacle Segmentation Algorithm for Autonomous Surface Vehicle. IEEE Access, 2019, 7, 179420-179428.	2.6	29
32	Fuzzy-logic-assisted interacting multiple model (FLAIMM) for mobile robot localization. Robotics and Autonomous Systems, 2012, 60, 1592-1606.	3.0	28
33	Magnetic field constraints and sequence-based matching for indoor pose graph SLAM. Robotics and Autonomous Systems, 2015, 70, 92-105.	3.0	28
34	DV-SLAM (Dual-Sensor-Based Vector-Field SLAM) and Observability Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 1101-1112.	5.2	28
35	Resilient Underground Localization Using Magnetic Field Anomalies for Drilling Environment. IEEE Transactions on Industrial Electronics, 2018, 65, 1377-1387.	5.2	27
36	Autoencoder-Combined Generative Adversarial Networks for Synthetic Image Data Generation and Detection of Jellyfish Swarm. IEEE Access, 2018, 6, 54207-54214.	2.6	27

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37	Toward Autonomous Bridge Inspection: A framework and experimental results. , 2019, , .		27
38	Object detection and tracking for autonomous underwater robots using weighted template matching. , 2012, , .		26
39	GP-ICP: Ground Plane ICP for Mobile Robots. IEEE Access, 2019, 7, 76599-76610.	2.6	26
40	Online Multiobjective Evolutionary Approach for Navigation of Humanoid Robots. IEEE Transactions on Industrial Electronics, 2015, 62, 5586-5597.	5.2	25
41	ViViD++ : Vision for Visibility Dataset. IEEE Robotics and Automation Letters, 2022, 7, 6282-6289.	3.3	25
42	Time-varying two-phase optimization and its application to neural-network learning. IEEE Transactions on Neural Networks, 1997, 8, 1293-1300.	4.8	23
43	A Deep Learning-Based Automatic Mosquito Sensing and Control System for Urban Mosquito Habitats. Sensors, 2019, 19, 2785.	2.1	23
44	Graph Structure-Based Simultaneous Localization and Mapping Using a Hybrid Method of 2D Laser Scan and Monocular Camera Image in Environments with Laser Scan Ambiguity. Sensors, 2015, 15, 15830-15852.	2.1	22
45	Sensor Node for Remote Monitoring of Waterborne Disease-Causing Bacteria. Sensors, 2015, 15, 10569-10579.	2.1	22
46	An extended any-angle path planning algorithm for maintaining formation of multi-agent jellyfish elimination robot system. International Journal of Control, Automation and Systems, 2016, 14, 598-607.	1.6	21
47	REAL: Rapid Exploration with Active Loop-Closing toward Large-Scale 3D Mapping using UAVs. , 2021, , .		21
48	Multi-Layer Coverage Path Planner for Autonomous Structural Inspection of High-Rise Structures. , 2018, , .		20
49	Outlier-Robust Student's-t-Based IMM-VB Localization for Manned Aircraft Using TDOA Measurements. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1646-1658.	3.7	20
50	Development of a Novel Hybrid-Type Rotary Steerable System for Directional Drilling. IEEE Access, 2017, 5, 24678-24687.	2.6	19
51	Robust Localization Using IMM Filter Based on Skew Gaussian-Gamma Mixture Distribution in Mixed LOS/NLOS Condition. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5166-5182.	2.4	19
52	Avoiding Degeneracy for Monocular Visual SLAM with Point and Line Features. , 2021, , .		19
53	BRM Localization: UAV Localization in GNSS-Denied Environments Based on Matching of Numerical Map and UAV Images. , 2020, , .		19
54	Robotic SHM and Model-Based Positioning System for Monitoring and Construction Automation. Advances in Structural Engineering, 2012, 15, 943-954.	1.2	18

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55	A Novel Multiple-Model Adaptive Kalman Filter for an Unknown Measurement Loss Probability. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	18
56	Survey and Introduction to the Focused Section on Mechatronics for Sustainable and Resilient Civil Infrastructure. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1637-1646.	3.7	17
57	Underground localization using dual magnetic field sequence measurement and pose graph SLAM for directional drilling. Measurement Science and Technology, 2014, 25, 125101.	1.4	17
58	Normal Distributions Transform is Enough: Real-time 3D Scan Matching for Pose correction of Mobile Robot Under Large Odometry Uncertainties. , 2020, , .		17
59	RONet: Real-time Range-only Indoor Localization via Stacked Bidirectional LSTM with Residual Attention. , 2019, , .		15
60	Development of a UAV-type jellyfish monitoring system using deep learning. , 2015, , .		14
61	Development and experimental testing of an autonomous jellyfish detection and removal robot system. International Journal of Control, Automation and Systems, 2016, 14, 312-322.	1.6	14
62	UWB-based Indoor Localization Using Ray-tracing Algorithm. , 2019, , .		14
63	Experiments on localization of an AUV using graph-based SLAM. , 2013, , .		13
64	Detection of a Suicide by Hanging Based on a 3-D Image Analysis. IEEE Sensors Journal, 2014, 14, 2934-2935.	2.4	13
65	A Probabilistic Feature Map-Based Localization System Using a Monocular Camera. Sensors, 2015, 15, 21636-21659.	2.1	13
66	High-speed 6-DOF structural displacement monitoring by fusing ViSP (Visually Servoed Paired) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Monitoring, 2017, 24, e1926.	1.9	13
67	Incremental displacement estimation of structures using paired structured light. Smart Structures and Systems, 2012, 9, 273-286.	1.9	13
68	STEP: State Estimator for Legged Robots Using a Preintegrated Foot Velocity Factor. IEEE Robotics and Automation Letters, 2022, 7, 4456-4463.	3.3	13
69	A Single Correspondence Is Enough: Robust Global Registration to Avoid Degeneracy in Urban Environments. , 2022, , .		13
70	AUV SLAM using forward/downward looking cameras and artificial landmarks. , 2017, , .		12
71	CAROS-Q: Climbing Aerial RObot System Adopting Rotor Offset With a Quasi-Decoupling Controller. IEEE Robotics and Automation Letters, 2021, 6, 8490-8497.	3.3	12
72	Self-calibration of gyro using monocular SLAM for an indoor mobile robot. International Journal of Control, Automation and Systems, 2012, 10, 558-566.	1.6	11

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73	Experimental Validation of Visually Servoed Paired Structured Light System (ViSP) for Structural Displacement Monitoring. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1603-1611.	3.7	11
74	Geomagnetic field-based localization with bicubic interpolation for mobile robots. International Journal of Control, Automation and Systems, 2015, 13, 967-977.	1.6	11
75	State Estimation for HALE UAVs With Deep-Learning-Aided Virtual AOA/SSA Sensors for Analytical Redundancy. IEEE Robotics and Automation Letters, 2021, 6, 5276-5283.	3.3	11
76	Constrained Kalman Filter for Mobile Robot Localization with Gyroscope. , 2006, , .		10
77	Multi-resolution path planning for marine surface vehicle considering environmental effects. , 2011, , .		10
78	Micro aerial vehicle type wall-climbing robot mechanism. , 2013, , .		10
79	Design and Implementation of Unmanned Surface Vehicle JEROS for Jellyfish Removal. The Journal of Korea Robotics Society, 2013, 8, 51-57.	0.2	10
80	Any-angle path planning with limit-cycle circle set for marine surface vehicle. , 2012, , .		9
81	Source Information Estimation Using Enemy's Single-Ping and Geographic Information in Non-cooperative Bistatic Sonar. IEEE Sensors Journal, 2012, 12, 2784-2790.	2.4	9
82	Road-feature extraction using point cloud and 3D LiDAR sensor for vehicle localization. , 2017, , .		9
83	Online 3D Coverage Path Planning Using Surface Vector. , 2021, , .		9
84	TRAVEL: Traversable Ground and Above-Ground Object Segmentation Using Graph Representation of 3D LiDAR Scans. IEEE Robotics and Automation Letters, 2022, 7, 7255-7262.	3.3	9
85	A novel steering sections of hybrid rotary steerable system for directional drilling. , 2014, , .		8
86	What if there was no revisit? Large-scale graph-based SLAM with traffic sign detection in an HD map using LiDAR inertial odometry. Intelligent Service Robotics, 2022, 15, 161-170.	1.6	8
87	MIR-VIO:Mutual Information Residual-based Visual Inertial Odometry with UWB Fusion for Robust Localization. , 2021, , .		8
88	G2P-SLAM: Generalized RGB-D SLAM Framework for Mobile Robots in Low-Dynamic Environments. IEEE Access, 2022, 10, 21370-21383.	2.6	8
89	Constrained optimization using two-phase evolutionary programming. , 0, , .		7
90	Evolian: Evolutionary optimization based on lagrangian with constraint scaling. Lecture Notes in Computer Science, 1997, , 177-187.	1.0	7

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91	ViSP: visually servoed paired structured light system for measuring structural displacement. , 2012, , .		7
92	Split-and-Merge-Based Genetic Algorithm (SM-GA) for LEGO Brick Sculpture Optimization. IEEE Access, 2018, 6, 40429-40438.	2.6	7
93	Hierarchical sampling optimization of particle filter for global robot localization in pervasive network environment. ETRI Journal, 2019, 41, 782-796.	1.2	7
94	Bi-Directional Convolutional Recurrent Reconstructive Network for Welding Defect Detection. IEEE Access, 2021, 9, 135316-135325.	2.6	7
95	Curvature Path Planning with High Resolution Graph for Unmanned Surface Vehicle. Advances in Intelligent Systems and Computing, 2013, , 147-154.	0.5	7
96	PaGO-LOAM: Robust Ground-Optimized LiDAR Odometry. , 2022, , .		7
97	Mobile robot localization by matching 2D image features to 3D point cloud. , 2013, , .		6
98	Image-based localization using prior map database and Monte Carlo Localization. , 2014, , .		6
99	A jellyfish distribution management system using an unmanned aerial vehicle and unmanned surface vehicles. , 2017, , .		6
100	Development and Analysis of Digging and Soil Removing Mechanisms for Mole-Bot: Bio-Inspired Mole-Like Drilling Robot. , 2020, , .		6
101	Low-level Pose Control of Tilting Multirotor for Wall Perching Tasks Using Reinforcement Learning. , 2021, , .		6
102	Structural health monitoring robot using paired structured light. , 2009, , .		5
103	Development of jellyfish removal robot system JEROS. , 2012, , .		5
104	Remote Guidance of Untrained Turtles by Controlling Voluntary Instinct Behavior. PLoS ONE, 2013, 8, e61798.	1.1	5
105	Localization of AUVs using depth information of underwater structures from a monocular camera. , 2016, , .		5
106	Development of a Mole-Like Drilling Robot System for Shallow Drilling. IEEE Access, 2018, 6, 76454-76463.	2.6	5
107	Peacock Exploration: A Lightweight Exploration for UAV Using Control-Efficient Trajectory. Lecture Notes in Mechanical Engineering, 2021, , 136-146.	0.3	5
108	Experimental Tests of Autonomous Jellyfish Removal Robot System JEROS. Advances in Intelligent Systems and Computing, 2013, , 395-403.	0.5	5

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109	NR-UIO: NLOS-Robust UWB-Inertial Odometry Based on Interacting Multiple Model and NLOS Factor Estimation. Sensors, 2021, 21, 7886.	2.1	5
110	A Morphing Quadrotor that Can Optimize Morphology for Transportation. , 2021, , .		5
111	Struct-MDC: Mesh-Refined Unsupervised Depth Completion Leveraging Structural Regularities From Visual SLAM. IEEE Robotics and Automation Letters, 2022, 7, 6391-6398.	3.3	5
112	Lagrangian-based evolutionary programming for constrained optimization. Lecture Notes in Computer Science, 1997, , 35-44.	1.0	4
113	Virtual door algorithm for coverage path planning of mobile robot. , 2009, , .		4
114	Interval type-2 fuzzy logic controllers for flocking behavior. , 2011, , .		4
115	GPU-based real-time RGB-D 3D SLAM. , 2012, , .		4
116	Hybrid 4-pad rotary steerable system for directional drilling of unconventional resources. , 2013, , .		4
117	A vision-based detection algorithm for moving jellyfish in underwater environment. , 2015, , .		4
118	A Low Cost/Low Power Open Source Sensor System for Automated Tuberculosis Drug Susceptibility Testing. Sensors, 2016, 16, 942.	2.1	4
119	Indoor Localization Method Based on Sequential Motion Tracking Using Topological Path Map. IEEE Access, 2019, 7, 46187-46197.	2.6	4
120	Deep Learning-Aided Synthetic Airspeed Estimation of UAVs for Analytical Redundancy With a Temporal Convolutional Network. IEEE Robotics and Automation Letters, 2022, 7, 17-24.	3.3	4
121	Design of Forelimbs and Digging Mechanism of Biomimetic Mole Robot for Directional Drilling. Lecture Notes in Mechanical Engineering, 2020, , 341-351.	0.3	4
122	Pose-graph optimized displacement estimation for structural displacement monitoring. Smart Structures and Systems, 2014, 14, 943-960.	1.9	4
123	MSDPN: Monocular Depth Prediction with Partial Laser Observation using Multi-stage Neural Networks. , 2020, , .		4
124	ROLAND: Robust Landing of UAV on Moving Platform using Object Detection and UWB based Extended Kalman Filter. , 2021, , .		4
125	QR-SCAN: Traversable Region Scan for Quadruped Robot Exploration using Lightweight Precomputed Trajectory. , 2021, , .		4
126	MASS: Multi-Agent Scheduling System for Intelligent Surveillance. , 2022, , .		4

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127	Paired vision-based structural health monitoring system. , 2010, , .		3
128	Structural inspection robot for displacement measurement. , 2011, , .		3
129	Range-based indoor user localization using reflected signal path model. , 2011, , .		3
130	Design of interval type-2 fuzzy logic controllers for flocking algorithm. , 2011, , .		3
131	Cooperative coevolution-based model predictive control for multi-robot formation. , 2013, , .		3
132	Vertical thrusting unmanned surface vehicle for stable and close inspection of bridge structure. , 2016, , .		3
133	Path Planning for Multi-agent Jellyfish Removal Robot System JEROS and Experimental Tests. Springer Tracts in Advanced Robotics, 2016, , 299-310.	0.3	3
134	Concept Design for Mole-Like Excavate Robot and Its Localization Method. , 2019, , .		3
135	Robotic Sensing and Systems for Smart Cities. Sensors, 2021, 21, 2963.	2.1	3
136	Analysis on the performance of VIO according to Trajectory Planning of UAV. , 2020, , .		3
137	Design of structural health monitoring robot using modified structured light. IES Journal Part A: Civil and Structural Engineering, 2009, 2, 162-173.	0.4	2
138	Indoor user localization using particle filter and NLOS ranging model. , 2010, , .		2
139	Mobile robot relocation using ambient magnetic fields and radio sources. , 2013, , .		2
140	Graph-based SLAM approach for environments with laser scan ambiguity. , 2015, , .		2
141	AUV localization using visual information of underwater structures. , 2015, , .		2
142	Development of a jellyfish reconnaissance and removal robot system using unmanned aerial and surface vehicles. , 2015, , .		2
143	Development of aerial image transmitting sensor platform for disaster site surveillance. , 2017, , .		2
144	Indoor Magnetic Pose Graph SLAM with Robust Back-End. Advances in Intelligent Systems and Computing, 2019, , 153-163.	0.5	2

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145	High-Definition Map-based Local Path Planning for Dynamic and Static Obstacle Avoidance. The Journal of Korea Robotics Society, 2021, 16, 112-121.	0.2	2
146	Floorplan-based Localization and Map Update Using LiDAR Sensor. , 2021, , .		2
147	Laser pose calibration of ViSP for precise 6-DOF structural displacement monitoring. Smart Structures and Systems, 2016, 18, 801-818.	1.9	2
148	Fuzzy-logic-assisted interacting multiple model (FLAIMM) for mobile robot slip compensation. , 2012, , .		1
149	Particle swarm optimization-based receding horizon control for multi-robot formation. , 2012, , .		1
150	Multiple ViSPs (visually servoed paired structured light systems) for 6-DOF structural displacement estimation. , 2012, , .		1
151	A cooperative coevolutionary approach to multi-robot formation control. , 2014, , .		1
152	Indoor Mobile Robot Localization Using Ambient Magnetic Fields and Range Measurements. Advances in Intelligent Systems and Computing, 2014, , 137-143.	0.5	1
153	Development of retro-reflective marker and recognition algorithm for underwater environment. , 2017, , .		1
154	Concept Design of a Novel Bio-Inspired Drilling System for Shallow Drilling. , 2019, , .		1
155	Image Projection onto Flat LiDAR Point Cloud Surfaces to Create Dense and Smooth 3D Color Maps. , 2020, , .		1
156	Multiple Lagrange Multiplier Method for Constrained Evolutionary Optimization. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2000, 4, 158-163.	0.5	1
157	Visual Servoing-Based Paired Structured Light Robot System for Estimation of 6-DOF Structural Displacement. Journal of Institute of Control, Robotics and Systems, 2011, 17, 989-994.	0.1	1
158	Formation Control Experiment of Autonomous Jellyfish Removal Robot System JEROS. Advances in Intelligent Systems and Computing, 2014, , 463-471.	0.5	1
159	Accurate Localization in Urban Environments Using Fault Detection of GPS and Multi-sensor Fusion. Advances in Intelligent Systems and Computing, 2017, , 43-53.	0.5	1
160	Adaptive Planar Vision Marker Composed of LED Arrays for Sensing Under Low Visibility. Advances in Intelligent Systems and Computing, 2019, , 531-540.	0.5	1
161	Development of Integrated Digging Robot Using Drill Bit-Limbs Hybrid Mechanism That Mimics Burrowing Animals Behavior. Lecture Notes in Mechanical Engineering, 2020, , 323-332.	0.3	1
162	Retro-RL: Reinforcing Nominal Controller With Deep Reinforcement Learning for Tilting-Rotor Drones. IEEE Robotics and Automation Letters, 2022, 7, 9004-9011.	3.3	1

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163	M-BRIC: Design of Mass-driven Bi-Rotor with RL-based Intelligent Controller. , 2022, , .		1
164	Hybrid evolutionary programming with fast convergence for constrained optimization problems. , 0, , .		0
165	Two-phase evolutionary programming for constrained numerical optimization. , 0, , .		0
166	Gesture recognition algorithm for moving kinect sensor. , 2013, , .		0
167	Gesture recognition for moving RGB-D sensor. , 2013, , .		0
168	Propagation error minimization method for multiple structural displacement monitoring system. Proceedings of SPIE, 2013, , .	0.8	0
169	Pose graph SLAM-based displacement estimation for a multiple structural displacement monitoring system. , 2014, , .		0
170	Experimental tests of vision-based artificial landmark detection using random forests and particle filter. , 2014, , .		0
171	Source ranging with an underwater geographic point in non-cooperative bistatic sonar. Measurement Science and Technology, 2014, 25, 015004.	1.4	0
172	A novel genetic algorithm for autonomous assembly of structural LEGO bricks. , 2015, , .		0
173	Calibration of the drift error in GPS using optical flow and fixed reference station. , 2015, , .		0
174	Reaction torque minimization method for keeping drilling direction of the hybrid rotary steerable system. , 2015, , .		0
175	Image-based localization using image database and local 3D maps. , 2015, , .		0
176	Evolutionary algorithm-based formation control and collision avoidance for multiple mobile robots. , 2015, , .		0
177	Development of Robust Recogintion Algorithm of Retro-reflective Marker Based on Visual Odometry for Underwater Environment. Advances in Intelligent Systems and Computing, 2019, , 541-547.	0.5	0
178	Corrections to â€œOutlier-Robust Student's-t-Based IMM-VB Localization for Manned Aircraft Using TDOA Measurementsâ€•[Jun 20 1646-1658]. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2139-2139.	3.7	0
179	Autonomous Navigation System of an Unmanned Aerial Vehicle for Structural Inspection. The Journal of Korea Robotics Society, 2021, 16, 216-222.	0.2	0
180	The Principle of Maximum Entropy-Based Two-Phase Optimization of Fuzzy Controller by Evolutionary Programming. Lecture Notes in Computer Science, 2003, , 638-639.	1.0	0

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181	Path Planning and T racking of an Autonomous Underwater Vehicle using Virtual Way-points. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2010, 2010.5, 118-123.	0.0	0
182	One-Way ViSP (Visually Servoed Paired structured light) for 6-DOF Structural Displacement Measurement. Advances in Intelligent Systems and Computing, 2014, , 689-695.	0.5	0
183	Localization of AUV Using Visual Shape Information of Underwater Structures. Journal of Ocean Engineering and Technology, 2015, 29, 392-397.	0.5	0
184	A Robust Estimation of 2D Human Upper-Body Poses Using Fully Convolutional Network. Advances in Intelligent Systems and Computing, 2019, , 549-558.	0.5	0
185	Corrections to â€œRun Your Visual-Inertial Odometry on NVIDIA Jetson: Benchmark Tests on a Micro Aerial Vehicleâ€•[Jul 21 5332-5339]. IEEE Robotics and Automation Letters, 2021, 6, 5840-5840.	3.3	0
186	Natural Language Representation as Features for Place Recognition. , 2022, , .		0