Hyun Myung

List of Publications by Year
in descending order

186	2,949	172457	233421
papers	citations	29 h-index	45 g-index

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

#	Article	IF	Citations
1	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.	5.1	4
2	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.	2.6	8
3	UV-SLAM: Unconstrained Line-Based SLAM Using Vanishing Points for Structural Mapping. IEEE Robotics and Automation Letters, 2022, 7, 1518-1525.	5.1	31
4	G2P-SLAM: Generalized RGB-D SLAM Framework for Mobile Robots in Low-Dynamic Environments. IEEE Access, 2022, 10, 21370-21383.	4.2	8
5	STEP: State Estimator for Legged Robots Using a Preintegrated Foot Velocity Factor. IEEE Robotics and Automation Letters, 2022, 7, 4456-4463.	5.1	13
6	ViViD++ : Vision for Visibility Dataset. IEEE Robotics and Automation Letters, 2022, 7, 6282-6289.	5.1	25
7	Struct-MDC: Mesh-Refined Unsupervised Depth Completion Leveraging Structural Regularities From Visual SLAM. IEEE Robotics and Automation Letters, 2022, 7, 6391-6398.	5.1	5
8	TRAVEL: Traversable Ground and Above-Ground Object Segmentation Using Graph Representation of 3D LiDAR Scans. IEEE Robotics and Automation Letters, 2022, 7, 7255-7262.	5.1	9
9	Retro-RL: Reinforcing Nominal Controller With Deep Reinforcement Learning for Tilting-Rotor Drones. IEEE Robotics and Automation Letters, 2022, 7, 9004-9011.	5.1	1
10	A Single Correspondence Is Enough: Robust Global Registration to Avoid Degeneracy in Urban Environments. , 2022, , .		13
11	Natural Language Representation as Features for Place Recognition. , 2022, , .		0
12	M-BRIC: Design of Mass-driven Bi-Rotor with RL-based Intelligent Controller. , 2022, , .		1
13	PaGO-LOAM: Robust Ground-Optimized LiDAR Odometry. , 2022, , .		7
14	MASS: Multi-Agent Scheduling System for Intelligent Surveillance. , 2022, , .		4
15	A Novel Multiple-Model Adaptive Kalman Filter for an Unknown Measurement Loss Probability. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	18
16	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.	2.7	33
17	Run Your Visual-Inertial Odometry on NVIDIA Jetson: Benchmark Tests on a Micro Aerial Vehicle. IEEE Robotics and Automation Letters, 2021, 6, 5332-5339.	5.1	49
18	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.	5.1	83

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19	Robotic Sensing and Systems for Smart Cities. Sensors, 2021, 21, 2963.	3.8	3
20	High-Definition Map-based Local Path Planning for Dynamic and Static Obstacle Avoidance. The Journal of Korea Robotics Society, 2021, 16, 112-121.	0.4	2
21	Floorplan-based Localization and Map Update Using LiDAR Sensor. , 2021, , .		2
22	Online 3D Coverage Path Planning Using Surface Vector. , 2021, , .		9
23	Autonomous Navigation System of an Unmanned Aerial Vehicle for Structural Inspection. The Journal of Korea Robotics Society, 2021, 16, 216-222.	0.4	0
24	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.	5.1	53
25	CAROS-Q: Climbing Aerial RObot System Adopting Rotor Offset With a Quasi-Decoupling Controller. IEEE Robotics and Automation Letters, 2021, 6, 8490-8497.	5.1	12
26	Bi-Directional Convolutional Recurrent Reconstructive Network for Welding Defect Detection. IEEE Access, 2021, 9, 135316-135325.	4.2	7
27	Peacock Exploration: A Lightweight Exploration for UAV Using Control-Efficient Trajectory. Lecture Notes in Mechanical Engineering, 2021, , 136-146.	0.4	5
28	Avoiding Degeneracy for Monocular Visual SLAM with Point and Line Features. , 2021, , .		19
29	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.	5.1	11
30	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.	5.1	0
31	NR-UIO: NLOS-Robust UWB-Inertial Odometry Based on Interacting Multiple Model and NLOS Factor Estimation. Sensors, 2021, 21, 7886.	3.8	5
32	Low-level Pose Control of Tilting Multirotor for Wall Perching Tasks Using Reinforcement Learning. , 2021, , .		6
33	A Morphing Quadrotor that Can Optimize Morphology for Transportation. , 2021, , .		5
34	REAL: Rapid Exploration with Active Loop-Closing toward Large-Scale 3D Mapping using UAVs. , 2021, , .		21
35	ROLAND: Robust Landing of UAV on Moving Platform using Object Detection and UWB based Extended Kalman Filter. , 2021, , .		4
36	QR-SCAN: Traversable Region Scan for Quadruped Robot Exploration using Lightweight Precomputed Trajectory. , 2021, , .		4

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37	MIR-VIO:Mutual Information Residual-based Visual Inertial Odometry with UWB Fusion for Robust Localization. , 2021, , .		8
38	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.	4.7	19
39	Image Projection onto Flat LiDAR Point Cloud Surfaces to Create Dense and Smooth 3D Color Maps. , 2020, , .		1
40	Bridge Inspection Using Unmanned Aerial Vehicle Based on HG-SLAM: Hierarchical Graph-Based SLAM. Remote Sensing, 2020, 12, 3022.	4.0	37
41	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.	5.8	0
42	Outlier-Robust Student's-t-Based IMM-VB Localization for Manned Aircraft Using TDOA Measurements. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1646-1658.	5.8	20
43	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.	4.7	44
44	Design of Forelimbs and Digging Mechanism of Biomimetic Mole Robot for Directional Drilling. Lecture Notes in Mechanical Engineering, 2020, , 341-351.	0.4	4
45	Development of Integrated Digging Robot Using Drill Bit-Limbs Hybrid Mechanism That Mimics Burrowing Animals Behavior. Lecture Notes in Mechanical Engineering, 2020, , 323-332.	0.4	1
46	Analysis on the performance of VIO according to Trajectory Planning of UAV. , 2020, , .		3
47	Normal Distributions Transform is Enough: Real-time 3D Scan Matching for Pose correction of Mobile Robot Under Large Odometry Uncertainties. , 2020, , .		17
48	BRM Localization: UAV Localization in GNSS-Denied Environments Based on Matching of Numerical Map and UAV Images. , 2020, , .		19
49	Development and Analysis of Digging and Soil Removing Mechanisms for Mole-Bot: Bio-Inspired Mole-Like Drilling Robot. , 2020, , .		6
50	MSDPN: Monocular Depth Prediction with Partial Laser Observation using Multi-stage Neural Networks. , 2020, , .		4
51	Indoor Magnetic Pose Graph SLAM with Robust Back-End. Advances in Intelligent Systems and Computing, 2019, , 153-163.	0.6	2
52	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.	0.6	0
53	Toward Autonomous Bridge Inspection: A framework and experimental results. , 2019, , .		27
54	UWB-based Indoor Localization Using Ray-tracing Algorithm. , 2019, , .		14

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55	A Deep Learning-Based Automatic Mosquito Sensing and Control System for Urban Mosquito Habitats. Sensors, 2019, 19, 2785.	3.8	23
56	Indoor Localization Method Based on Sequential Motion Tracking Using Topological Path Map. IEEE Access, 2019, 7, 46187-46197.	4.2	4
57	Hierarchical sampling optimization of particle filter for global robot localization in pervasive network environment. ETRI Journal, 2019, 41, 782-796.	2.0	7
58	GP-ICP: Ground Plane ICP for Mobile Robots. IEEE Access, 2019, 7, 76599-76610.	4.2	26
59	Robust Interacting Multiple Model With Modeling Uncertainties for Maneuvering Target Tracking. IEEE Access, 2019, 7, 65427-65443.	4.2	37
60	RONet: Real-time Range-only Indoor Localization via Stacked Bidirectional LSTM with Residual Attention. , 2019, , .		15
61	Concept Design for Mole-Like Excavate Robot and Its Localization Method. , 2019, , .		3
62	Concept Design of a Novel Bio-Inspired Drilling System for Shallow Drilling. , 2019, , .		1
63	Vision-Based Real-Time Obstacle Segmentation Algorithm for Autonomous Surface Vehicle. IEEE Access, 2019, 7, 179420-179428.	4.2	29
64	Development of a Wall-Climbing Drone Capable of Vertical Soft Landing Using a Tilt-Rotor Mechanism. IEEE Access, 2019, 7, 4868-4879.	4.2	49
65	Adaptive Planar Vision Marker Composed of LED Arrays for Sensing Under Low Visibility. Advances in Intelligent Systems and Computing, 2019, , 531-540.	0.6	1
66	A Robust Estimation of 2D Human Upper-Body Poses Using Fully Convolutional Network. Advances in Intelligent Systems and Computing, 2019, , 549-558.	0.6	0
67	Resilient Underground Localization Using Magnetic Field Anomalies for Drilling Environment. IEEE Transactions on Industrial Electronics, 2018, 65, 1377-1387.	7.9	27
68	Multi-Layer Coverage Path Planner for Autonomous Structural Inspection of High-Rise Structures. , 2018, , .		20
69	Development of a Mole-Like Drilling Robot System for Shallow Drilling. IEEE Access, 2018, 6, 76454-76463.	4.2	5
70	Autoencoder-Combined Generative Adversarial Networks for Synthetic Image Data Generation and Detection of Jellyfish Swarm. IEEE Access, 2018, 6, 54207-54214.	4.2	27
71	Split-and-Merge-Based Genetic Algorithm (SM-GA) for LEGO Brick Sculpture Optimization. IEEE Access, 2018, 6, 40429-40438.	4.2	7
72	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.	5.1	74

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73	AUV SLAM using forward/downward looking cameras and artificial landmarks. , 2017, , .		12
74	A jellyfish distribution management system using an unmanned aerial vehicle and unmanned surface vehicles. , 2017, , .		6
75	Localization of AUVs using visual information of underwater structures and artificial landmarks. Intelligent Service Robotics, 2017, 10, 67-76.	2.6	29
76	Road-feature extraction using point cloud and 3D LiDAR sensor for vehicle localization. , 2017, , .		9
77	High-speed 6-DOF structural displacement monitoring by fusing ViSP (Visually Servoed Paired) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Monitoring, 2017, 24, e1926.	4.0	13
78	Development of a Novel Hybrid-Type Rotary Steerable System for Directional Drilling. IEEE Access, 2017, 5, 24678-24687.	4.2	19
79	Development of aerial image transmitting sensor platform for disaster site surveillance. , 2017, , .		2
80	Development of Algal Bloom Removal System Using Unmanned Aerial Vehicle and Surface Vehicle. IEEE Access, 2017, 5, 22166-22176.	4.2	36
81	Development of retro-reflective marker and recognition algorithm for underwater environment. , 2017, , .		1
82	Accurate Localization in Urban Environments Using Fault Detection of GPS and Multi-sensor Fusion. Advances in Intelligent Systems and Computing, 2017, , 43-53.	0.6	1
83	A Low Cost/Low Power Open Source Sensor System for Automated Tuberculosis Drug Susceptibility Testing. Sensors, 2016, 16, 942.	3.8	4
84	Vertical thrusting unmanned surface vehicle for stable and close inspection of bridge structure. , 2016, , .		3
85	Localization of AUVs using depth information of underwater structures from a monocular camera. , 2016, , .		5
86	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.	2.7	21
87	Image-Based Monitoring of Jellyfish Using Deep Learning Architecture. IEEE Sensors Journal, 2016, 16, 2215-2216.	4.7	37
88	Path Planning for Multi-agent Jellyfish Removal Robot System JEROS and Experimental Tests. Springer Tracts in Advanced Robotics, 2016, , 299-310.	0.4	3
89	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
90	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.	7.6	48

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91	Laser pose calibration of ViSP for precise 6-DOF structural displacement monitoring. Smart Structures and Systems, 2016, 18, 801-818.	1.9	2
92	A novel genetic algorithm for autonomous assembly of structural LEGO bricks. , 2015, , .		0
93	Real-Time Human Pose Estimation and Gesture Recognition from Depth Images Using Superpixels and SVM Classifier. Sensors, 2015, 15, 12410-12427.	3.8	31
94	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.	3.8	22
95	A Probabilistic Feature Map-Based Localization System Using a Monocular Camera. Sensors, 2015, 15, 21636-21659.	3.8	13
96	Magnetic field constraints and sequence-based matching for indoor pose graph SLAM. Robotics and Autonomous Systems, 2015, 70, 92-105.	5.1	28
97	Graph-based SLAM approach for environments with laser scan ambiguity. , 2015, , .		2
98	Calibration of the drift error in GPS using optical flow and fixed reference station. , 2015, , .		0
99	AUV localization using visual information of underwater structures. , 2015, , .		2
100	Reaction torque minimization method for keeping drilling direction of the hybrid rotary steerable system. , 2015, , .		0
101	Development of a UAV-type jellyfish monitoring system using deep learning. , 2015, , .		14
102	Development of a jellyfish reconnaissance and removal robot system using unmanned aerial and surface vehicles. , 2015, , .		2
103	A vision-based detection algorithm for moving jellyfish in underwater environment. , 2015, , .		4
104	Image-based localization using image database and local 3D maps. , 2015, , .		0
105	Evolutionary algorithm-based formation control and collision avoidance for multiple mobile robots. , 2015, , .		0
106	DV-SLAM (Dual-Sensor-Based Vector-Field SLAM) and Observability Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 1101-1112.	7.9	28
107	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
108	Geomagnetic field-based localization with bicubic interpolation for mobile robots. International Journal of Control, Automation and Systems, 2015, 13, 967-977.	2.7	11

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109	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
110	Sensor Node for Remote Monitoring of Waterborne Disease-Causing Bacteria. Sensors, 2015, 15, 10569-10579.	3.8	22
111	Online Multiobjective Evolutionary Approach for Navigation of Humanoid Robots. IEEE Transactions on Industrial Electronics, 2015, 62, 5586-5597.	7.9	25
112	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.	2.1	36
113	Energy efficient path planning for a marine surface vehicle considering heading angle. Ocean Engineering, 2015, 107, 118-131.	4.3	56
114	Localization of AUV Using Visual Shape Information of Underwater Structures. Journal of Ocean Engineering and Technology, 2015, 29, 392-397.	1.2	0
115	Pose graph SLAM-based displacement estimation for a multiple structural displacement monitoring system. , 2014, , .		0
116	Underground localization using dual magnetic field sequence measurement and pose graph SLAM for directional drilling. Measurement Science and Technology, 2014, 25, 125101.	2.6	17
117	Solution to the SLAM Problem in Low Dynamic Environments Using a Pose Graph and an RGB-D Sensor. Sensors, 2014, 14, 12467-12496.	3.8	33
118	Experimental tests of vision-based artificial landmark detection using random forests and particle filter. , 2014, , .		0
119	Image-based localization using prior map database and Monte Carlo Localization. , 2014, , .		6
120	A cooperative coevolutionary approach to multi-robot formation control. , 2014, , .		1
121	Source ranging with an underwater geographic point in non-cooperative bistatic sonar. Measurement Science and Technology, 2014, 25, 015004.	2.6	0
122	A novel steering sections of hybrid rotary steerable system for directional drilling. , 2014, , .		8
123	Indoor Mobile Robot Localization Using Ambient Magnetic Fields and Range Measurements. Advances in Intelligent Systems and Computing, 2014, , 137-143.	0.6	1
124	Experimental Validation of Visually Servoed Paired Structured Light System (ViSP) for Structural Displacement Monitoring. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1603-1611.	5.8	11
125	Detection of a Suicide by Hanging Based on a 3-D Image Analysis. IEEE Sensors Journal, 2014, 14, 2934-2935.	4.7	13
126	Artificial landmark-based underwater localization for AUVs using weighted template matching. Intelligent Service Robotics, 2014, 7, 175-184.	2.6	46

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127	Angular rate-constrained path planning algorithm for unmanned surface vehicles. Ocean Engineering, 2014, 84, 37-44.	4.3	103
128	Pose-graph optimized displacement estimation for structural displacement monitoring. Smart Structures and Systems, 2014, 14, 943-960.	1.9	4
129	One-Way ViSP (Visually Servoed Paired structured light) for 6-DOF Structural Displacement Measurement. Advances in Intelligent Systems and Computing, 2014, , 689-695.	0.6	0
130	Formation Control Experiment of Autonomous Jellyfish Removal Robot System JEROS. Advances in Intelligent Systems and Computing, 2014, , 463-471.	0.6	1
131	Survey and Introduction to the Focused Section on Mechatronics for Sustainable and Resilient Civil Infrastructure. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1637-1646.	5.8	17
132	Landmark-Based Particle Localization Algorithm for Mobile Robots With a Fish-Eye Vision System. IEEE/ASME Transactions on Mechatronics, 2013, 18, 1745-1756.	5.8	32
133	Cooperative coevolution-based model predictive control for multi-robot formation. , 2013, , .		3
134	Hybrid 4-pad rotary steerable system for directional drilling of unconventional resources. , 2013, , .		4
135	Experiments on localization of an AUV using graph-based SLAM. , 2013, , .		13
136	Gesture recognition algorithm for moving kinect sensor. , 2013, , .		0
137	Micro aerial vehicle type wall-climbing robot mechanism. , 2013, , .		10
138	Mobile robot relocation using ambient magnetic fields and radio sources. , 2013, , .		2
139	Gesture recognition for moving RGB-D sensor. , 2013, , .		0
140	Mobile robot localization by matching 2D image features to 3D point cloud. , 2013, , .		6
141	Propagation error minimization method for multiple structural displacement monitoring system. Proceedings of SPIE, 2013, , .	0.8	0
142	Remote Guidance of Untrained Turtles by Controlling Voluntary Instinct Behavior. PLoS ONE, 2013, 8, e61798.	2.5	5
143	Curvature Path Planning with High Resolution Graph for Unmanned Surface Vehicle. Advances in Intelligent Systems and Computing, 2013, , 147-154.	0.6	7
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145	Design and Implementation of Unmanned Surface Vehicle JEROS for Jellyfish Removal. The Journal of Korea Robotics Society, 2013, 8, 51-57.	0.4	10
146	Any-angle path planning with limit-cycle circle set for marine surface vehicle. , 2012, , .		9
147	Robotic SHM and Model-Based Positioning System for Monitoring and Construction Automation. Advances in Structural Engineering, 2012, 15, 943-954.	2.4	18
148	ViSP: visually servoed paired structured light system for measuring structural displacement. , 2012, , .		7
149	Fuzzy-logic-assisted interacting multiple model (FLAIMM) for mobile robot slip compensation. , 2012, , .		1
150	Source Information Estimation Using Enemy's Single-Ping and Geographic Information in Non-cooperative Bistatic Sonar. IEEE Sensors Journal, 2012, 12, 2784-2790.	4.7	9
151	GPU-based real-time RGB-D 3D SLAM. , 2012, , .		4
152	Particle swarm optimization-based receding horizon control for multi-robot formation. , 2012, , .		1
153	Development of jellyfish removal robot system JEROS. , 2012, , .		5
154	Multiple ViSPs (visually servoed paired structured light systems) for 6-DOF structural displacement estimation. , 2012, , .		1
155	Fuzzy-logic-assisted interacting multiple model (FLAIMM) for mobile robot localization. Robotics and Autonomous Systems, 2012, 60, 1592-1606.	5.1	28
156	Object detection and tracking for autonomous underwater robots using weighted template matching. , 2012, , .		26
157	Self-calibration of gyro using monocular SLAM for an indoor mobile robot. International Journal of Control, Automation and Systems, 2012, 10, 558-566.	2.7	11
158	Vision-based object detection and tracking for autonomous navigation of underwater robots. Ocean Engineering, 2012, 48, 59-68.	4.3	157
159	Incremental displacement estimation of structures using paired structured light. Smart Structures and Systems, 2012, 9, 273-286.	1.9	13
160	Structural inspection robot for displacement measurement. , 2011, , .		3
161	Multi-resolution path planning for marine surface vehicle considering environmental effects. , 2011, , .		10
162	Range-based indoor user localization using reflected signal path model. , 2011, , .		3

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163	A paired visual servoing system for 6-DOF displacement measurement of structures. Smart Materials and Structures, 2011, 20, 045019.	3.5	68
164	Interval type-2 fuzzy logic controllers for flocking behavior. , 2011, , .		4
165	Design of interval type-2 fuzzy logic controllers for flocking algorithm. , 2011, , .		3
166	Paired Structured Light for Structural Health Monitoring Robot System. Structural Health Monitoring, 2011, 10, 49-64.	7.5	48
167	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.	0.2	1
168	Paired vision-based structural health monitoring system. , 2010, , .		3
169	Indoor user localization using particle filter and NLOS ranging model. , 2010, , .		2
170	Mobile robot localization with gyroscope and constrained Kalman filter. International Journal of Control, Automation and Systems, 2010, 8, 667-676.	2.7	32
171	Vision-based displacement measurement method for high-rise building structures using partitioning approach. NDT and E International, 2010, 43, 642-647.	3.7	129
172	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
173	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
174	Structural health monitoring robot using paired structured light. , 2009, , .		5
175	Virtual door algorithm for coverage path planning of mobile robot. , 2009, , .		4
176	Constrained Kalman Filter for Mobile Robot Localization with Gyroscope. , 2006, , .		10
177	The Principle of Maximum Entropy-Based Two-Phase Optimization of Fuzzy Controller by Evolutionary Programming. Lecture Notes in Computer Science, 2003, , 638-639.	1.3	0
178	Multiple Lagrange Multiplier Method for Constrained Evolutionary Optimization. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2000, 4, 158-163.	0.9	1
179	Time-varying two-phase optimization and its application to neural-network learning. IEEE Transactions on Neural Networks, 1997, 8, 1293-1300.	4.2	23
180	Lagrangian-based evolutionary programming for constrained optimization. Lecture Notes in Computer Science, 1997, , 35-44.	1.3	4

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182	Evolutionary programming techniques for constrained optimization problems. IEEE Transactions on Evolutionary Computation, 1997, 1, 129-140.	10.0	164
183	Hybrid evolutionary programming for heavily constrained problems. BioSystems, 1996, 38, 29-43.	2.0	41
184	Hybrid evolutionary programming with fast convergence for constrained optimization problems. , 0, , .		0
185	Two-phase evolutionary programming for constrained numerical optimization. , 0, , .		0
186	Constrained optimization using two-phase evolutionary programming. , 0, , .		7