

Mingxing Wen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

210
citations

1683934

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2053595

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g-index

18
all docs

18
docs citations

18
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Probabilistic Fusion Framework for Matching and Merging of 3-D Occupancy Maps. IEEE Sensors Journal, 2018, 18, 8933-8949.	2.4	33
2	Day and Night Collaborative Dynamic Mapping in Unstructured Environment Based on Multimodal Sensors. , 2020, , .		32
3	A Two-step Method for Extrinsic Calibration between a Sparse 3D LiDAR and a Thermal Camera. , 2018, , .		30
4	A Multilevel Fusion System for Multirobot 3-D Mapping Using Heterogeneous Sensors. IEEE Systems Journal, 2020, 14, 1341-1352.	2.9	26
5	A Hierarchical Framework for Collaborative Probabilistic Semantic Mapping. , 2020, , .		19
6	Magnetic-Assisted Initialization for Infrastructure-free Mobile Robot Localization. , 2019, , .		12
7	SLAT-Calib: Extrinsic Calibration between a Sparse 3D LiDAR and a Limited-FOV Low-resolution Thermal Camera. , 2019, , .		10
8	Infrastructure-Free Hierarchical Mobile Robot Global Localization in Repetitive Environments. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	10
9	Collaborative Semantic Perception and Relative Localization Based on Map Matching. , 2020, , .		8
10	Probabilistic Fusion Framework for Collaborative Robots 3D Mapping. , 2018, , .		7
11	COSEM: Collaborative Semantic Map Matching Framework for Autonomous Robots. IEEE Transactions on Industrial Electronics, 2022, 69, 3843-3853.	5.2	7
12	Infrastructure-Free Global Localization in Repetitive Environments: An Overview. , 2020, , .		6
13	Probabilistic Reasoning for Unique Role Recognition Based on the Fusion of Semantic-Interaction and Spatio-Temporal Features. IEEE Transactions on Multimedia, 2019, 21, 1195-1208.	5.2	5
14	Probabilistic 3D Semantic Map Fusion Based on Bayesian Rule. , 2019, , .		3
15	Tightly-Coupled Perception and Navigation of Heterogeneous Land-Air Robots in Complex Scenarios. , 2021, , .		2
16	Multi-Robot Map Fusion Framework using Heterogeneous Sensors. , 2019, , .		0
17	Multi-Robot Collaborative Reasoning for Unique Person Recognition in Complex Environments. , 2020, , .		0
18	HILPS: Human-in-Loop Policy Search for Mobile Robot Navigation. , 2020, , .		0