

Di Wang

List of Publications by Year in descending order

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10
papers

72
citations

3311381

1
h-index

3475538

1
g-index

10
all docs

10
docs citations

10
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	The Second Generation (G2) Fingertip Sensor for Near-Distance Ranging and Material Sensing in Robotic Grasping. , 2022, , .		3
2	Fingertip Pulse-Echo Ultrasound and Optoacoustic Dual-Modal and Dual Sensing Mechanisms Near-Distance Sensor for Ranging and Material Sensing in Robotic Grasping. , 2021, , .		6
3	Device Design and System Integration of a Two-Axis Water-immersible Micro Scanning Mirror (WIMSM) to Enable Dual-modal Optical and Acoustic Communication and Ranging for Underwater Vehicles. , 2021, , .		2
4	Toward Automatic Subsurface Pipeline Mapping by Fusing a Ground-Penetrating Radar and a Camera. IEEE Transactions on Automation Science and Engineering, 2020, 17, 722-734.	5.2	27
5	Fingertip Non-Contact Optoacoustic Sensor for Near-Distance Ranging and Thickness Differentiation for Robotic Grasping. , 2020, , .		4
6	Toward Fingertip Non-Contact Material Recognition and Near-Distance Ranging for Robotic Grasping. , 2019, , .		10
7	On the Tunable Sparse Graph Solver for Pose Graph Optimization in Visual SLAM Problems. , 2019, , .		3
8	Virtual Lane Boundary Generation for Human-Compatible Autonomous Driving: A Tight Coupling between Perception and Planning. , 2019, , .		4
9	Robotic Subsurface Pipeline Mapping with a Ground-penetrating Radar and a Camera. , 2018, , .		4
10	Encoder-Camera-Ground Penetrating Radar Tri-Sensor Mapping for Surface and Subsurface Transportation Infrastructure Inspection. , 2018, , .		9