

# Qinxuan Sun

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5710277/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Plane-Edge-SLAM: Seamless Fusion of Planes and Edges for SLAM in Indoor Environments. IEEE Transactions on Automation Science and Engineering, 2021, 18, 2061-2075.	5.2	31
2	Laser-Based Intersection-Aware Human Following With a Mobile Robot in Indoor Environments. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 354-369.	9.3	27
3	RGB-D SLAM in Indoor Environments With STING-Based Plane Feature Extraction. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1071-1082.	5.8	26
4	ORB-TEDM: An RGB-D SLAM Approach Fusing ORB Triangulation Estimates and Depth Measurements. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15.	4.7	16
5	A two-level framework for place recognition with 3D LiDAR based on spatial relation graph. Pattern Recognition, 2021, 120, 108171.	8.1	10
6	IT-HYFAO-VO: Interpretation Tree-Based VO With Hybrid Feature Association and Optimization. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-18.	4.7	9
7	Fusing Skeleton Recognition With Face-TLD for Human Following of Mobile Service Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2963-2979.	9.3	8
8	A Novel Approach to Image-Sequence-Based Mobile Robot Place Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5377-5391.	9.3	7
9	Image-Sequence-Based Mobile Robot Localization. , 2018, , .		0