

# Changhao Chen

## List of Publications by Year in descending order

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14  
papers

583  
citations

1478505

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h-index

1588992

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g-index

14  
all docs

14  
docs citations

14  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Selective Sensor Fusion for State Estimation. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-15.	11.3	7
2	Contrastive Learning of Zero-Velocity Detection for Pedestrian Inertial Navigation. IEEE Sensors Journal, 2022, 22, 4962-4969.	4.7	9
3	Learning With Stochastic Guidance for Robot Navigation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 166-176.	11.3	23
4	Deep Neural Network Based Inertial Odometry Using Low-Cost Inertial Measurement Units. IEEE Transactions on Mobile Computing, 2021, 20, 1351-1364.	5.8	42
5	DynaNet: Neural Kalman Dynamical Model for Motion Estimation and Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5479-5491.	11.3	19
6	Heart Rate Sensing with a Robot Mounted mmWave Radar. , 2020, , .		30
7	Deep-Learning-Based Pedestrian Inertial Navigation: Methods, Data Set, and On-Device Inference. IEEE Internet of Things Journal, 2020, 7, 4431-4441.	8.7	75
8	DeepTIO: A Deep Thermal-Inertial Odometry With Visual Hallucination. IEEE Robotics and Automation Letters, 2020, 5, 1672-1679.	5.1	37
9	milliEgo. , 2020, , .		53
10	Autonomous Learning of Speaker Identity and WiFi Geofence From Noisy Sensor Data. IEEE Internet of Things Journal, 2019, 6, 8284-8295.	8.7	6
11	mID: Tracking and Identifying People with Millimeter Wave Radar. , 2019, , .		145
12	DeepPCO: End-to-End Point Cloud Odometry through Deep Parallel Neural Network. , 2019, , .		34
13	Selective Sensor Fusion for Neural Visual-Inertial Odometry. , 2019, , .		80
14	Simultaneous Localization and Mapping with Power Network Electromagnetic Field. , 2018, , .		23