

Yuxuan Xia

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Instance Segmentation With Automotive Radar Detection Points. IEEE Transactions on Intelligent Vehicles, 2023, 8, 84-94.	12.7	28
2	Poisson Multi-Bernoulli Approximations for Multiple Extended Object Filtering. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 890-906.	4.7	15
3	Multiple Object Trajectory Estimation Using Backward Simulation. IEEE Transactions on Signal Processing, 2022, 70, 3249-3263.	5.3	1
4	An Uncertainty-Aware Performance Measure for Multi-Object Tracking. IEEE Signal Processing Letters, 2021, 28, 1689-1693.	3.6	9
5	A Poisson Multi-Bernoulli Mixture Filter for Coexisting Point and Extended Targets. IEEE Transactions on Signal Processing, 2021, 69, 2600-2610.	5.3	24
6	Learning-Based Extended Object Tracking Using Hierarchical Truncation Measurement Model With Automotive Radar. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1013-1029.	10.8	19
7	Next Generation Multitarget Trackers: Random Finite Set Methods vs Transformer-based Deep Learning. , 2021, , .		9
8	Trajectory Poisson Multi-Bernoulli Filters. IEEE Transactions on Signal Processing, 2020, 68, 4933-4945.	5.3	45
9	Trajectory multi-Bernoulli filters for multi-target tracking based on sets of trajectories. , 2020, , .		12
10	Extended Object Tracking Using Hierarchical Truncation Model with Partial-View Measurements. , 2020, , .		4
11	Extended Object Tracking with Automotive Radar Using Learned Structural Measurement Model. , 2020, , .		5
12	Spatiotemporal Constraints for Sets of Trajectories with Applications to PMBM Densities. , 2020, , .		2
13	Backward Simulation for Sets of Trajectories. , 2020, , .		1
14	Likelihood-Based Data Association for Extended Object Tracking Using Sampling Methods. IEEE Transactions on Intelligent Vehicles, 2018, 3, 30-45.	12.7	44
15	An Implementation of the Poisson Multi-Bernoulli Mixture Trajectory Filter via Dual Decomposition. , 2018, , .		8
16	Poisson Multi-Bernoulli Mixture Trackers: Continuity Through Random Finite Sets of Trajectories. , 2018, , .		41
17	Performance evaluation of multi-bernoulli conjugate priors for multi-target filtering. , 2017, , .		26