

Mahendra Mallick

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

420
citations

1040056

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26
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docs citations

26
times ranked

279
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Single-point and Two-point Difference Track Initiation Algorithms Using Position Measurements. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2008, 34, 258-265.	1.5	51
2	Simultaneous Detection and Tracking of Moving-Target Shadows in ViSAR Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 1182-1199.	6.3	43
3	<title>Comparison of nonlinear filtering algorithms in ground moving target indicator (GMTI) tracking</title>. , 2003, 5204, 630.		27
4	An improved single-point track initiation using GMTI measurements. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015, 51, 2697-2714.	4.7	26
5	Heterogeneous Track-to-Track Fusion in 3-D Using IRST Sensor and Air MTI Radar. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 3062-3079.	4.7	26
6	Introduction to the issue on multitarget tracking. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2013, 7, 373-375.	10.8	24
7	Bearings-Only Filtering Using Uncorrelated Conversion Based Filters. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 882-896.	4.7	16
8	A Parallel Filtering-Communication-Based Cardinality Consensus Approach for Real-Time Distributed PHD Filtering. <i>IEEE Sensors Journal</i> , 2020, 20, 13824-13832.	4.7	15
9	Three-Dimensional Tracking of an Aircraft Using Two-Dimensional Radars. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2018, 54, 585-600.	4.7	14
10	General similar sensing matrix pursuit: An efficient and rigorous reconstruction algorithm to cope with deterministic sensing matrix with high coherence. <i>Signal Processing</i> , 2015, 114, 150-163.	3.7	11
11	Generalized Labeled Multi-Bernoulli Multi-Target Tracking with Doppler-Only Measurements. <i>Remote Sensing</i> , 2022, 14, 3131.	4.0	8
12	Similar sensing matrix pursuit: An efficient reconstruction algorithm to cope with deterministic sensing matrix. <i>Signal Processing</i> , 2014, 95, 101-110.	3.7	5
13	Angle-Only Filtering of a Maneuvering Target in 3D. <i>Sensors</i> , 2022, 22, 1422.	3.8	5
14	A New Coarse Gating Strategy Driven Multidimensional Assignment for Two-Stage MHT of Bearings-Only Multisensor-Multitarget Tracking. <i>Sensors</i> , 2022, 22, 1802.	3.8	4
15	IMM-CKF for a Highly Maneuvering Target Using Converted Measurements. , 2021, , .		3
16	Evaluation of Measurement Converted KF, EKF, UKF, CKF, and PF in GMTI Filtering. , 2021, , .		3
17	An Alternate Derivation of Polar/Spherical to Cartesian Measurement Conversion Using Conditional Density. , 2019, , .		2
18	Performance Evaluation of IMM-based Nonlinear Filters for a Highly Maneuvering Aircraft. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	<title>Distributed fusion using video sensors on multiple unmanned aerial vehicles</title>. Proceedings of SPIE, 2007, 6699, 313.	0.8	1
20	Aircraft 3D Trajectory Estimation with a Single Nonlinear Filter Using Two 2D Radars. , 2018, , .		1
21	Hybrid Particle Filter Based Dynamic Compressed Sensing for Signal-Level Multitarget Tracking. IEEE Access, 2020, 8, 17134-17148.	4.2	1
22	Distributed Multitarget Tracking via Heterogeneous Fusion with 3D Radars and Infrared Sensors. , 2021, , .		1
23	Analysis of Polynomial Nonlinearity Based on Measures of Nonlinearity Algorithms. Sensors, 2020, 20, 3426.	3.8	0
24	Bayesian Cram�r-Rao Lower Bounds for Prediction and Smoothing of Nonlinear TAsD Systems. Sensors, 2022, 22, 4667.	3.8	0