

Mahendra Mallick

List of Publications by Year in descending order

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24
papers

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Angle-Only Filtering of a Maneuvering Target in 3D. <i>Sensors</i> , 2022, 22, 1422. | 3.8 | 5 |
| 3 | Bayesian Cram r-Rao Lower Bounds for Prediction and Smoothing of Nonlinear TASD Systems. <i>Sensors</i> , 2022, 22, 4667. | 3.8 | 0 |
| 4 | Generalized Labeled Multi-Bernoulli Multi-Target Tracking with Doppler-Only Measurements. <i>Remote Sensing</i> , 2022, 14, 3131. | 4.0 | 8 |
| 5 | 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 |
| 6 | Bearings-Only Filtering Using Uncorrelated Conversion Based Filters. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 882-896. | 4.7 | 16 |
| 7 | Distributed Multitarget Tracking via Heterogeneous Fusion with 3D Radars and Infrared Sensors. , 2021, , . | | 1 |
| 8 | IMM-CKF for a Highly Maneuvering Target Using Converted Measurements. , 2021, , . | | 3 |
| 9 | Performance Evaluation of IMM-based Nonlinear Filters for a Highly Maneuvering Aircraft. , 2021, , . | | 2 |
| 10 | Evaluation of Measurement Converted KF, EKF, UKF, CKF, and PF in GMTI Filtering. , 2021, , . | | 3 |
| 11 | 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 |
| 12 | Analysis of Polynomial Nonlinearity Based on Measures of Nonlinearity Algorithms. <i>Sensors</i> , 2020, 20, 3426. | 3.8 | 0 |
| 13 | Hybrid Particle Filter Based Dynamic Compressed Sensing for Signal-Level Multitarget Tracking. <i>IEEE Access</i> , 2020, 8, 17134-17148. | 4.2 | 1 |
| 14 | 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 |
| 15 | An Alternate Derivation of Polar/Spherical to Cartesian Measurement Conversion Using Conditional Density. , 2019, , . | | 2 |
| 16 | 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 |
| 17 | Aircraft 3D Trajectory Estimation with a Single Nonlinear Filter Using Two 2D Radars. , 2018, , . | | 1 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | General similar sensing matrix pursuit: An efficient and rigorous reconstruction algorithm to cope with deterministic sensing matrix with high coherence. Signal Processing, 2015, 114, 150-163. | 3.7 | 11 |
| 20 | Similar sensing matrix pursuit: An efficient reconstruction algorithm to cope with deterministic sensing matrix. Signal Processing, 2014, 95, 101-110. | 3.7 | 5 |
| 21 | Introduction to the issue on multitarget tracking. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 373-375. | 10.8 | 24 |
| 22 | Comparison of Single-point and Two-point Difference Track Initiation Algorithms Using Position Measurements. Zidonghua Xuebao/Acta Automatica Sinica, 2008, 34, 258-265. | 1.5 | 51 |
| 23 | <title>Distributed fusion using video sensors on multiple unmanned aerial vehicles</title>,. Proceedings of SPIE, 2007, 6699, 313. | 0.8 | 1 |
| 24 | <title>Comparison of nonlinear filtering algorithms in ground moving target indicator (GMTI) tracking</title>. , 2003, 5204, 630. | | 27 |