David Crouse

List of Publications by Year
in descending order

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24 papers	259 citations	1307594 7 h-index	1281871 11 g-index
24 all docs	24 docs citations	24 times ranked	220 citing authors

#	Article	IF	Citations
1	Worldwide Ground Target State Propagation. , 2020, , .		0
2	From the associate editor-in-chief February 2019. IEEE Aerospace and Electronic Systems Magazine, 2019, 34, 3-3.	1.3	0
3	Single-Point Bistatic Track Initialization Using Doppler in 3D. , 2018, , .		0
4	From the associate editor-in-chief October 2018. IEEE Aerospace and Electronic Systems Magazine, 2018, 33, 3-3.	1.3	0
5	Computation of Target-Measurement Association Probabilities Using the Matrix Permanent. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 698-702.	4.7	6
6	The tracker component library: free routines for rapid prototyping. IEEE Aerospace and Electronic Systems Magazine, 2017, 32, 18-27.	1.3	23
7	Target track initiation in difficult scenarios using probability-1 homotopy methods and cubature integration. , 2016, , .		0
8	Basic tracking using nonlinear continuous-time dynamic models [Tutorial]. IEEE Aerospace and Electronic Systems Magazine, 2015, 30, 4-41.	1.3	22
9	A General Solution to Optimal Fixed-Gain (<formula formulatype="inline"><tex) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 43 2015, 22, 901-904.	3.6	64
10	Multistatic target tracking for passive radar in a DAB/DVB network: initiation. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2460-2469.	4.7	27
11	Maximum likelihood postdetection radar ambiguity resolution. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 1876-1883.	4.7	2
12	Basic tracking using nonlinear 3D monostatic and bistatic measurements. IEEE Aerospace and Electronic Systems Magazine, 2014, 29, 4-53.	1.3	25
13	Cubature Kalman filters for continuous-time dynamic models Part I: Solutions discretizing the Langevin equation. , 2014, , .		5
14	Basic tracking using nonlinear 3D monostatic and bistatic measurements in refractive environments. IEEE Aerospace and Electronic Systems Magazine, 2014, 29, 54-75.	1.3	9
15	Cubature Kalman filters for continuous-time dynamic models Part II: A solution based on moment matching. , 2014, , .		5
16	Comments on â€œSHORT NOTE: Extending simplified high-degree synthesis methods to second latitudinal derivatives of geopotentialâ€• Journal of Geodesy, 2014, 88, 1007-1008.	3.6	0
17	One can do better than the unscented Kalman filter for multistatic tracking. , 2013, , .		6
18	How to incorporate generic refraction models into multistatic tracking algorithms. , 2013, , .		1

#	Article	IF	Citations
19	Discretizing Space to Make a Dictionary Matrix for Bistatic Compressive Sensing Detection. IEEE Signal Processing Letters, 2013, 20, 583-586.	3.6	1
20	A time-shift model for OFDM radar. , 2012, , .		10
21	Developing a Real-Time Track Display That Operators Do Not Hate. IEEE Transactions on Signal Processing, 2011, 59, 3441-3447.	5.3	30
22	An approximate Minimum MOSPA estimator. , 2011, , .		11
23	Generalizations of Blom And Bloem's PDF decomposition for permutation-invariant estimation. , 2011, , .		5
24	Target tracking for multistatic radar with transmitter uncertainty. Proceedings of SPIE, 2009, , .	0.8	7