

Abhinoy Kumar Singh

List of Publications by Year in descending order

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29
papers

237
citations

1307594

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1058476

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29
all docs

29
docs citations

29
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	A Modified Bayesian Filter for Randomly Delayed Measurements. IEEE Transactions on Automatic Control, 2017, 62, 419-424.	5.7	37
2	Higher degree cubature quadrature kalman filter. International Journal of Control, Automation and Systems, 2015, 13, 1097-1105.	2.7	29
3	Multiple sparse-grid Gauss-Hermite filtering. Applied Mathematical Modelling, 2016, 40, 4441-4450.	4.2	24
4	Quadrature filters for one-step randomly delayed measurements. Applied Mathematical Modelling, 2016, 40, 8296-8308.	4.2	19
5	Major development under Gaussian filtering since unscented Kalman filter. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1308-1325.	13.1	14
6	Adaptive sparse-grid Gauss-Hermite filter. Journal of Computational and Applied Mathematics, 2018, 342, 305-316.	2.0	13
7	Quadrature Filters for Underwater Passive Bearings-Only Target Tracking. , 2015, , .		12
8	Nonlinear estimation using transformed Gauss-Hermite quadrature points. , 2013, , .		8
9	Exponentially Fitted Cubature Kalman Filter With Application to Oscillatory Dynamical Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2739-2752.	5.4	8
10	Fractionally delayed Kalman filter. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 169-177.	13.1	8
11	Nonlinear Gaussian Filtering With Network-Induced Delay in Measurements. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5974-5981.	4.7	8
12	New algorithm for continuous-discrete filtering with randomly delayed measurements. IET Control Theory and Applications, 2016, 10, 2298-2305.	2.1	7
13	Transformed cubature quadrature Kalman filter. IET Signal Processing, 2017, 11, 1095-1103.	1.5	7
14	Bayesian Filters for Parameter Identification of Duffing Oscillator. IFAC-PapersOnLine, 2018, 51, 425-430.	0.9	7
15	Kalman Filtering With Delayed Measurements in Non-Gaussian Environments. IEEE Access, 2021, 9, 123231-123244.	4.2	7
16	Bayesian Approximation Filtering With False Data Attack on Network. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 976-988.	4.7	5
17	Quadrature filters for maneuvering target tracking. , 2014, , .		4
18	Nonlinear estimation with transformed cubature quadrature points. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Unscented Kalman filter for arbitrary step randomly delayed measurements. , 2017, , .		4
20	Kalman-Based Calibration Algorithm for AgaMatrix Continuous Glucose Monitoring System. IEEE Transactions on Control Systems Technology, 2021, 29, 1257-1267.	5.2	4
21	Tracking of Low earth orbit satellite using cubature quadrature Kalman filter. , 2014, , .		2
22	IMM-cubature quadrature Kalman filter for manoeuvring target tracking. , 2015, , .		2
23	Cubature and Quadrature Based Continuous-Discrete Filters for Maneuvering Target Tracking. , 2018, , .		2
24	Bearing-Only Tracking Using Sparse-Grid Gauss-Hermite Filter. Advances in Intelligent Systems and Computing, 2015, , 349-356.	0.6	1
25	Szegő's Quadrature Kalman Filter for Oscillatory Systems. IEEE Access, 2020, 8, 194700-194708.	4.2	1
26	Improved High-Degree Cubature Kalman Filter. , 2015, , .		0
27	Cubature quadrature Kalman filter for maneuvering target tracking. , 2015, , .		0
28	Computationally efficient sparse-grid Gauss-Hermite filtering. , 2017, , .		0
29	Cubature quadrature filter for one-step randomly delayed measurements. , 2018, , .		0