Deng Zili

List of Publications by Year
in descending order

62 papers	2,621 citations	279798 23 h-index	189892 50 g-index
62 all docs	62 docs citations	62 times ranked	851 citing authors

#	ARTICLE	IF	CITATIONS
1	Robust integrated covariance intersection fusion Kalman estimators for networked mixed uncertain time-varying systems. IMA Journal of Mathematical Control and Information, 2021, 38, 232-266.	1.7	3
2	Robust integrated covariance intersection fusion Kalman estimators for networked systems with a unified measurement model including five uncertainties. Aerospace Science and Technology, 2021, 118, 107049.	4.8	6
3	Weighted fusion robust steady–state estimators for multisensor networked systems with one–step random delay and inconsecutive packet dropouts. International Journal of Adaptive Control and Signal Processing, 2020, 34, 151-182.	4.1	5
4	Robust integrated covariance intersection fusion Kalman estimators for networked systems with random measurement delays, multiplicative noises, and uncertain noise variances. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1697-1725.	4.1	3
5	Robust centralized and integrated covariance intersection fusion Kalman estimators for networked mixed–uncertain systems. International Journal of Robust and Nonlinear Control, 2020, 30, 6298-6329.	3.7	10
6	Robust fusion Kalman estimators for networked mixed uncertain systems with random one-step measurement delays, missing measurements, multiplicative noises and uncertain noise variances. Information Sciences, 2020, 534, 27-52.	6.9	40
7	Robust Weighted Fusion Kalman Estimators for Networked Multisensor Mixed Uncertain Systems With Random One-Step Sensor Delays, Uncertain-Variance Multiplicative, and Additive White Noises. IEEE Sensors Journal, 2019, 19, 10935-10946.	4.7	14
8	Robust weighted state fusion Kalman estimators for networked systems with mixed uncertainties. Information Fusion, 2019, 45, 246-265.	19.1	59
9	Robust Centralized and Weighted Measurement Fusion Kalman Predictors with Multiplicative Noises, Uncertain Noise Variances, and Missing Measurements. Circuits, Systems, and Signal Processing, 2018, 37, 770-809.	2.0	13
10	Robust time–varying Kalman estimators for systems with packet dropouts and uncertain–variance multiplicative and linearly correlated additive white noises. International Journal of Adaptive Control and Signal Processing, 2018, 32, 147-169.	4.1	23
11	Robust Kalman estimators for systems with mixed uncertainties. Optimal Control Applications and Methods, 2018, 39, 735-756.	2.1	6
12	Robust Kalman estimators for systems with multiplicative and uncertain-variance linearly correlated additive white noises. Aerospace Science and Technology, 2018, 72, 230-247.	4.8	6
13	Robust centralized and weighted measurement fusion white noise deconvolution estimators for multisensor systems with mixed uncertainties. International Journal of Adaptive Control and Signal Processing, 2018, 32, 185-212.	4.1	14
14	Robust fusion time–varying Kalman estimators for multisensor networked systems with mixed uncertainties. International Journal of Robust and Nonlinear Control, 2018, 28, 4139-4174.	3.7	29
15	Robust centralized and weighted measurement fusion Kalman estimators for multisensor systems with multiplicative and uncertain-covariance linearly correlated white noises. Journal of the Franklin Institute, 2017, 354, 1992-2031.	3.4	24
16	Robust weighted fusion Kalman estimators for multi-model multisensor systems with uncertain-variance multiplicative and linearly correlated additive white noises. Signal Processing, 2017, 137, 339-355.	3.7	24
17	Robust weighted fusion Kalman estimators for systems with multiplicative noises, missing measurements and uncertain-variance linearly correlated white noises. Aerospace Science and Technology, 2017, 68, 331-344.	4.8	30
18	Robust weighted fusion Kalman estimators for multisensor systems with multiplicative noises and uncertain–covariances linearly correlated white noises. International Journal of Robust and Nonlinear Control, 2017, 27, 2019-2052.	3.7	32

#	Article	IF	Citations
19	Robust centralized and weighted measurement fusion Kalman estimators for uncertain multisensor systems with linearly correlated white noises. Information Fusion, 2017, 35, 11-25.	19.1	57
20	Robust centralized fusion Kalman predictors with multiplicative noises, uncertain noise variances, and missing measurements. , 2016, , .		1
21	Robust weighted fusion steady-state kalman predictors with uncertain noise variances. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 1077-1088.	4.7	7
22	Guaranteed Cost Robust Weighted Measurement Fusion Kalman Estimators With Uncertain Noise Variances and Missing Measurements. IEEE Sensors Journal, 2016, 16, 5817-5825.	4.7	23
23	Robust weighted fusion steady-state white noise deconvolution smoothers for multisensor systems with uncertain noise variances. Signal Processing, 2016, 122, 98-114.	3.7	23
24	Hierarchical fusion robust Kalman filter for clustering sensor network time–varying systems with uncertain noise variances. International Journal of Adaptive Control and Signal Processing, 2015, 29, 99-122.	4.1	17
25	Self–tuning fusion Kalman filter weighted by scalars and its convergence analysis for multi–channel autoregressive moving average signals. International Journal of Adaptive Control and Signal Processing, 2015, 29, 725-740.	4.1	4
26	Guaranteed cost robust weighted measurement fusion steady-state Kalman predictors with uncertain noise variances. Aerospace Science and Technology, 2015, 46, 459-470.	4.8	23
27	Robust weighted fusion Kalman filters for multisensor time-varying systems with uncertain noise variances. Signal Processing, 2014, 99, 185-200.	3.7	121
28	Robust weighted fusion time-varying Kalman smoothers for multisensor system with uncertain noise variances. Information Sciences, 2014, 282, 15-37.	6.9	54
29	Robust weighted fusion Kalman predictors with uncertain noise variances. , 2014, 30, 37-54.		69
30	The accuracy comparison of multisensor covariance intersection fuser and three weighting fusers. Information Fusion, 2013, 14, 177-185.	19.1	115
31	Multi-channel ARMA Signal Covariance Intersection Fusion Kalman Predictor. Procedia Engineering, 2012, 29, 609-615.	1.2	2
32	Covariance Intersection Fusion Kalman Smoother for Systems with Colored Measurement Noises. Procedia Engineering, 2012, 29, 616-622.	1.2	3
33	Information Fusion Kalman Predictor for Two-Sensor Multichannel ARMA Signal System with Time-Delayed Measurements. Procedia Engineering, 2012, 29, 623-629.	1.2	2
34	Information Fusion Kalman Filter for Two-Sensor System with Time-Delayed Measurements. Procedia Engineering, 2012, 29, 630-636.	1.2	2
35	Self-Tuning Weighted Measurement Fusion Kalman Filter for Multi-Channel AR Signals and Its Convergence. Procedia Engineering, 2012, 29, 637-642.	1.2	1
36	Self–tuning weighted fusion Kalman filter for ARMA signal with colored measurement noise and its convergence analysis. International Journal of Adaptive Control and Signal Processing, 2012, 26, 861-878.	4.1	10

#	ARTICLE	IF	CITATIONS
37	Sequential covariance intersection fusion Kalman filter. Information Sciences, 2012, 189, 293-309.	6.9	202
38	Convergence of self-tuning Riccati equation with correlated noises. Journal of Control Theory and Applications, 2012, 10, 64-70.	0.8	0
39	Self-tuning distributed measurement fusion Kalman estimator for the multi-channel ARMA signal. Signal Processing, 2011, 91, 2028-2041.	3.7	35
40	Self-tuning measurement fusion Kalman predictors and their convergence analysis. International Journal of Systems Science, 2011, 42, 1697-1708.	5.5	3
41	Self-tuning weighted measurement fusion white noise deconvolution estimator. Journal of Electronics, 2010, 27, 51-59.	0.2	0
42	Self-tuning weighted measurement fusion Kalman filter and its convergence. Journal of Control Theory and Applications, 2010, 8, 435-440.	0.8	5
43	Optimal and self-tuning weighted measurement fusion Kalman filters and their asymptotic global optimality. International Journal of Adaptive Control and Signal Processing, 2010, 24, 982-1004.	4.1	36
44	Multi-model information fusion Kalman filtering and white noise deconvolution. Information Fusion, 2010, 11, 163-173.	19.1	112
45	Convergence of self-tuning Riccati equation for systems with unknown parameters and noise variances. , 2010, , .		13
46	Self-tuning measurement fusion white noise deconvolution estimator with correlated noises. Journal of Systems Engineering and Electronics, 2010, 21, 666-674.	2.2	5
47	Information fusion steady-state white noise deconvolution estimators with time-delayed measurements and colored measurement noises. Journal of Electronics, 2009, 26, 161-167.	0.2	2
48	Self-tuning measurement fusion Kalman filter with correlated measurement noises. Journal of Electronics, 2009, 26, 614-622.	0.2	1
49	A new information fusion white noise deconvolution estimator. Journal of Control Theory and Applications, 2009, 7, 438-444.	0.8	2
50	Distributed fusion white noise deconvolution estimators. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2009, 4, 270-277.	0.6	1
51	Convergence analysis of self-tuning Riccati equation for systems with correlation noises. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2009, 4, 409-416.	0.6	0
52	Optimal and self-tuning weighted measurement fusion Wiener filter for the multisensor multichannel ARMA signals. Signal Processing, 2009, 89, 738-752.	3.7	23
53	Self-tuning decoupled fusion Kalman filter based on the Riccati equation. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2008, 3, 459-464.	0.6	17
54	Decoupled Wiener state fuser for descriptor systems. Journal of Control Theory and Applications, 2008, 6, 365-371.	0.8	8

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55	Information fusion white noise deconvolution estimators for time-varying systems. Signal Processing, 2008, 88, 1233-1247.	3.7	26
56	Decoupled distributed Kalman fuser for descriptor systems. Signal Processing, 2008, 88, 1261-1270.	3.7	30
57	Self-tuning decoupled information fusion Wiener state component filters and their convergence. Automatica, 2008, 44, 685-695.	5.0	115
58	New approach to information fusion steady-state Kalman filtering. Automatica, 2005, 41, 1695-1707.	5.0	222
59	Distributed optimal fusion steady-state Kalman filter for systems with coloured measurement noises. International Journal of Systems Science, 2005, 36, 113-118.	5.5	29
60	Multi-sensor optimal information fusion Kalman filter. Automatica, 2004, 40, 1017-1023.	5.0	733
61	Descriptor Wiener state estimators. Automatica, 2000, 36, 1761-1766.	5.0	36
62	Optimal and self-tuning white noise estimators with applications to deconvolution and filtering problems. Automatica, 1996, 32, 199-216.	5.0	90