Qinyuan Liu

List of Publications by Year
in descending order

17 papers	925 citations	687363 13 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	689 citing authors

#	Article	IF	Citations
1	Event-Based Recursive Distributed Filtering Over Wireless Sensor Networks. IEEE Transactions on Automatic Control, 2015, 60, 2470-2475.	5.7	234
2	On Kalman-Consensus Filtering With Random Link Failures Over Sensor Networks. IEEE Transactions on Automatic Control, 2018, 63, 2701-2708.	5.7	134
3	Event-Based H_{∞} Consensus Control of Multi-Agent Systems With Relative Output Feedback: The Finite-Horizon Case. IEEE Transactions on Automatic Control, 2015, 60, 2553-2558.	5.7	107
4	A Resilient Approach to Distributed Filter Design for Time-Varying Systems Under Stochastic Nonlinearities and Sensor Degradation. IEEE Transactions on Signal Processing, 2017, 65, 1300-1309.	5.3	104
5	Event-Based Distributed Filtering Over Markovian Switching Topologies. IEEE Transactions on Automatic Control, 2019, 64, 1595-1602.	5.7	60
6	Moving-Horizon Estimation for Linear Dynamic Networks With Binary Encoding Schemes. IEEE Transactions on Automatic Control, 2021, 66, 1763-1770.	5.7	53
7	Event-triggered resilient filtering with measurement quantization and random sensor failures: Monotonicity and convergence. Automatica, 2018, 94, 458-464.	5.0	48
8	Quadratic estimation for discrete time-varying non-Gaussian systems with multiplicative noises and quantization effects. Automatica, 2020, 113, 108714.	5.0	44
9	Recursive filtering for state‐saturated systems with randomly occurring nonlinearities and missing measurements. International Journal of Robust and Nonlinear Control, 2018, 28, 1715-1727.	3.7	40
10	An information aware event-triggered scheme for particle filter based remote state estimation. Automatica, 2019, 103, 151-158.	5.0	37
11	MNL-Network: A Multi-Scale Non-local Network for Epilepsy Detection From EEG Signals. Frontiers in Neuroscience, 2020, 14, 870.	2.8	17
12	Necessary and Sufficient Conditions for Fault Diagnosability of Linear Open- and Closed-Loop Stochastic Systems Under Sensor and Actuator Faults. IEEE Transactions on Automatic Control, 2022, 67, 4178-4185.	5.7	15
13	Stabilization of MIMO Systems Over Multiple Independent and Memoryless Fading Noisy Channels. IEEE Transactions on Automatic Control, 2019, 64, 1581-1594.	5.7	14
14	Remote Estimation for Energy Harvesting Systems Under Multiplicative Noises: A Binary Encoding Scheme With Probabilistic Bit Flips. IEEE Transactions on Automatic Control, 2023, 68, 343-354.	5.7	9
15	A Multi-Index Generative Adversarial Network for Tool Wear Detection with Imbalanced Data. Complexity, 2020, 2020, 1-10.	1.6	5
16	A Nine Months Follow-up Study of Hemodynamic Effect on Bioabsorbable Coronary Stent Implantation. IEEE Access, 2019, 7, 112564-112571.	4.2	2
17	Relative Similarity Programming Model for Uncertain Multiple Attribute Decision-Making Objects and Its Application. Mathematical Problems in Engineering, 2021, 2021, 1-16.	1.1	2