Pyung Soo Kim

List of Publications by Year
in descending order

33 papers	667 citations	933447 10 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	271 citing authors

#	Article	IF	Citations
1	A receding horizon Kalman FIR filter for discrete time-invariant systems. IEEE Transactions on Automatic Control, 1999, 44, 1787-1791.	5.7	183
2	A receding horizon unbiased FIR filter for discrete-time state space models. Automatica, 2002, 38, 545-551.	5.0	155
3	A receding horizon Kalman FIR filter for linear continuous-time systems. IEEE Transactions on Automatic Control, 1999, 44, 2115-2120.	5.7	64
4	Receding-horizon unbiased FIR filters for continuous-time state-space models without a priori initial state information. IEEE Transactions on Automatic Control, 2001, 46, 766-770.	5.7	41
5	Quasi-deadbeat minimax filters for deterministic state~space models. IEEE Transactions on Automatic Control, 2002, 47, 1904-1908.	5.7	39
6	Estimation and detection of unknown inputs using optimal FIR filter. Automatica, 2000, 36, 1481-1488.	5.0	28
7	An efficient and lossless fingerprint encryption algorithm using Henon map & Arnold transformation. , 2013, , .		17
8	Fixed-lag maximum likelihood FIR smoother for state-space models. IEICE Electronics Express, 2008, 5, 11-16.	0.8	16
9	Extended least square unbiased FIR filter for target tracking using the constant velocity motion model. International Journal of Control, Automation and Systems, 2017, 15, 947-951.	2.7	15
10	A computationally efficient fixed-lag smoother using recent finite measurements. Measurement: Journal of the International Measurement Confederation, 2013, 46, 846-850.	5.0	14
11	Separate-bias estimation scheme with diversely behaved biases. IEEE Transactions on Aerospace and Electronic Systems, 2002, 38, 333-339.	4.7	12
12	An efficient &amp; secure encryption scheme for biometric data using holmes map &amp; singular value decomposition. , 2014, , .		9
13	A Secure Encryption Method for Biometric Templates Based on Chaotic Theory. Lecture Notes in Computer Science, 2016, , 120-140.	1.3	9
14	Finite Memory Structure Filtering and Smoothing for Target Tracking in Wireless Network Environments. Applied Sciences (Switzerland), 2019, 9, 2872.	2.5	8
15	A finite memory structure filtering for indoor positioning in wireless sensor networks with measurement delay. International Journal of Distributed Sensor Networks, 2017, 13, 155014771668541.	2.2	7
16	Tâ€"S FUZZY ADAPTIVE DELAYED FEEDBACK SYNCHRONIZATION FOR TIME-DELAYED CHAOTIC SYSTEMS WITH UNCERTAIN PARAMETERS. International Journal of Modern Physics B, 2011, 25, 3253-3267.	2.0	6
17	Edge based selective encryption scheme for biometric data using chaotic theory. , 2014, , .		6
18	Selective Finite Memory Structure Filtering Using the Chi-Square Test Statistic for Temporarily Uncertain Systems. Applied Sciences (Switzerland), 2019, 9, 4257.	2.5	5

#	Article	IF	Citations
19	An Architecture for Home-Oriented IPTV Service Platform on Residential Gateway. Journal of Information Processing Systems, 2013, 9, 425-434.	0.9	5
20	An IEEE 802.21 MIH Functionality Assisted Proxy Mobile IPv6 for Reducing Handover Latency and Signaling Cost. , 2013, , .		4
21	Joint ML & MMSE-SIC detection for multi cell network environment. , 2014, , .		4
22	An effect of delay reduced MAC protocol for WBAN based medical signal monitoring. , 2015, , .		3
23	A Design of Finite Memory Residual Generation Filter for Sensor Fault Detection. Measurement Science Review, 2017, 17, 76-82.	1.0	3
24	A Finite Memory Structure Smoother with Recursive Form Using Forgetting Factor. Mathematical Problems in Engineering, 2017, 2017, 1-6.	1.1	3
25	An Efficient and Lossless Cryptosystem for Security in Tele-Ophthalmology Applications Using Chaotic Theory. International Journal of E-Health and Medical Communications, 2016, 7, 28-47.	1.6	3
26	A finite memory filtering for end-to-end available bandwidth estimation. International Journal of Control, Automation and Systems, 2013, 11, 206-210.	2.7	2
27	Combinational domain-based encryption using FrWT and hyper-chaotic system for biometric data security. Information Security Journal, 2017, 26, 198-211.	1.9	2
28	Comparison and Analysis of DNS and DOA for Internet of Things Naming System. , 2019, , .		1
29	An Estimation Filtering for Packet Loss Probability Using Finite Memory Structure Strategy. Lecture Notes in Electrical Engineering, 2015, , 301-307.	0.4	1
30	An Efficient and Lossless Cryptosystem for Security in Tele-Ophthalmology Applications Using Chaotic Theory. , 2018, , 189-210.		1
31	A Bank of Finite Memory Filters for Fault Detection and Adjusting Detection Latency. Applied Mechanics and Materials, 0, 575, 811-819.	0.2	0
32	Continuous-Time Estimation Filtering with Incorporation of Temporary Model Uncertainty. Lecture Notes in Electrical Engineering, 2018, , 998-1003.	0.4	0
33	A Finite Memory Structure Filtering for DC Motor System with Temporary Uncertainties. Journal of Institute of Control, Robotics and Systems, 2018, 24, 573-579.	0.2	0