

Michel Kieffer

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

584
citations

759233

12
h-index

642732

23
g-index

43
all docs

43
docs citations

43
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Guaranteed recursive non-linear state bounding using interval analysis. International Journal of Adaptive Control and Signal Processing, 2002, 16, 193-218.	4.1	82
2	Robust Autonomous Robot Localization Using Interval Analysis. Reliable Computing, 2000, 6, 337-362.	0.8	78
3	Guaranteed Nonlinear State Estimator for Cooperative Systems. Numerical Algorithms, 2004, 37, 187-198.	1.9	71
4	Joint Source-Channel Coding Using Real BCH Codes for Robust Image Transmission. IEEE Transactions on Image Processing, 2007, 16, 1568-1583.	9.8	42
5	Distributed event-triggered control strategies for multi-agent formation stabilization and tracking. Automatica, 2019, 106, 110-116.	5.0	33
6	Interval analysis for guaranteed non-linear parameter and state estimation. Mathematical and Computer Modelling of Dynamical Systems, 2005, 11, 171-181.	2.2	23
7	Guaranteed nonlinear parameter estimation in knowledge-based models. Journal of Computational and Applied Mathematics, 2007, 199, 277-285.	2.0	19
8	Defective Sensor Identification for WSNs Involving Generic Local Outlier Detection Tests. IEEE Transactions on Signal and Information Processing Over Networks, 2016, 2, 29-48.	2.8	18
9	Guaranteed characterization of exact non-asymptotic confidence regions as defined by LSCR and SPS. Automatica, 2014, 50, 507-512.	5.0	17
10	Uncertainty-Aware Resource Provisioning for Network Slicing. IEEE Transactions on Network and Service Management, 2021, 18, 79-93.	4.9	17
11	Construction of parametric barrier functions for dynamical systems using interval analysis. Automatica, 2017, 78, 287-296.	5.0	16
12	Efficient Computation and Optimization of the Free Distance of Variable-Length Finite-State Joint Source-Channel Codes. IEEE Transactions on Communications, 2011, 59, 1043-1052.	7.8	12
13	Distributed Faulty Node Detection in Delay Tolerant Networks: Design and Analysis. IEEE Transactions on Mobile Computing, 2018, 17, 831-844.	5.8	12
14	A Coverage-Aware Resource Provisioning Method for Network Slicing. IEEE/ACM Transactions on Networking, 2020, 28, 2393-2406.	3.8	11
15	Evaluation of Cross-Layer Reliability Mechanisms for Satellite Digital Multimedia Broadcast. IEEE Transactions on Broadcasting, 2007, 53, 391-404.	3.2	10
16	Exploiting the Agent's Memory in Asymptotic and Finite-Time Consensus Over Multi-Agent Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 479-490.	2.8	9
17	Bounded-error target localization and tracking using a fleet of UAVs. Automatica, 2021, 132, 109809.	5.0	8
18	Robust Interval-Based Localization Algorithms for Mobile Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 303895.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Distributed event-triggered control for multi-agent formation stabilization. IFAC-PapersOnLine, 2017, 50, 8025-8030.	0.9	7
20	Guaranteed confidence region characterization for source localization using RSS measurements. Signal Processing, 2018, 152, 104-117.	3.7	7
21	Aggregated Resource Provisioning for Network Slices. , 2018, , .		7
22	Optimal and suboptimal channel precoding and decoding matrices for linear video coding. Signal Processing: Image Communication, 2019, 78, 135-151.	3.2	7
23	Parity-Check Matrix Calculation for Paraunitary Oversampled DFT Filter Banks. IEEE Transactions on Signal Processing, 2008, 56, 5277-5283.	5.3	6
24	Joint Exploitation of Residual Source Information and MAC Layer CRC Redundancy for Robust Video Decoding. IEEE Transactions on Wireless Communications, 2010, 9, 2165-2175.	9.2	6
25	Control of Multiple Remote Servers for Quality-Fair Delivery of Multimedia Contents. IEEE Journal on Selected Areas in Communications, 2014, 32, 746-759.	14.0	6
26	Global extremum seeking by Kriging with a multi-agent system. IFAC-PapersOnLine, 2015, 48, 526-531.	0.9	6
27	Joint Protocol-Channel Decoding for Robust Frame Synchronization. IEEE Transactions on Communications, 2012, 60, 2326-2335.	7.8	5
28	Protocol-Assisted Channel Decoding. IEEE Signal Processing Letters, 2012, 19, 483-486.	3.6	5
29	Peer-Assisted Individual Assessment in a multi-agent system. Automatica, 2017, 83, 351-360.	5.0	5
30	Predictive Encoder and Buffer Control for Statistical Multiplexing of Multimedia Contents. IEEE Transactions on Broadcasting, 2012, 58, 401-416.	3.2	4
31	Rate-storage regions for Extractable Source Coding with side information. Physical Communication, 2019, 37, 100845.	2.1	4
32	Channel Impulsive Noise Mitigation for Linear Video Coding Schemes. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3196-3209.	8.3	4
33	Incremental Coding for Extractable Compression in the Context of Massive Random Access. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 251-260.	2.8	4
34	Evaluation of the distance spectrum of variable-length finite-state codes. IEEE Transactions on Communications, 2010, 58, 724-728.	7.8	3
35	A consensus approach to PI gains tuning for quality-fair video delivery. International Journal of Robust and Nonlinear Control, 2017, 27, 1547-1565.	3.7	3
36	Statistical multiplexing of video programs. IEEE Vehicular Technology Magazine, 2009, 4, 62-68.	3.4	2

#	ARTICLE	IF	CITATIONS
37	Rate-Distortion Bounds for Wyner's Ziv Coding With Gaussian Scale Mixture Correlation Noise. IEEE Transactions on Information Theory, 2014, 60, 7540-7546.	2.4	2
38	Foresighted Resource Provisioning for Network Slicing. , 2021, , .		2
39	Bounded-error target localization and tracking in presence of decoys using a fleet of UAVs. IFAC-PapersOnLine, 2020, 53, 9521-9528.	0.9	2
40	Rate-Distortion Performance of Sequential Massive Random Access to Gaussian Sources with Memory. , 2018, , .		1
41	Fault identification in HVDC grids using a transient parametric model. IFAC-PapersOnLine, 2020, 53, 13700-13706.	0.9	1
42	Optimal Reference Selection for Random Access in Predictive Coding Schemes. IEEE Transactions on Communications, 2020, 68, 5819-5833.	7.8	0
43	Caract�risation garantie d'un dispositif de mesure de grandeurs thermiques. Journal Europeen Des Systemes Automatises, 2003, 37, 1129-1143.	0.4	0