

Feng Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/952822/publications.pdf>

Version: 2024-02-01

67
papers

1,167
citations

430874

18
h-index

414414

32
g-index

67
all docs

67
docs citations

67
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	High Energy Storage Efficiency Triboelectric Nanogenerators with Unidirectional Switches and Passive Power Management Circuits. <i>Advanced Functional Materials</i> , 2018, 28, 1805216.	14.9	174
2	A Gaussian approximation recursive filter for nonlinear systems with correlated noises. <i>Automatica</i> , 2012, 48, 2290-2297.	5.0	86
3	A Sliding-Mode Triboelectric Nanogenerator with Chemical Group Grated Structure by Shadow Mask Reactive Ion Etching. <i>ACS Nano</i> , 2017, 11, 8796-8803.	14.6	86
4	Thermal comfort effects of urban design strategies in high-rise urban environments in a sub-tropical climate. <i>Architectural Science Review</i> , 2011, 54, 285-304.	2.2	79
5	Design and implementation of Gaussian filter for nonlinear system with randomly delayed measurements and correlated noises. <i>Applied Mathematics and Computation</i> , 2014, 232, 1011-1024.	2.2	54
6	Model-reduced fault detection for multi-rate sensor fusion with unknown inputs. <i>Information Fusion</i> , 2017, 33, 1-14.	19.1	51
7	The joint optimal filtering and fault detection for multi-rate sensor fusion under unknown inputs. <i>Information Fusion</i> , 2016, 29, 57-67.	19.1	46
8	Supercritical Methane Sorption on Organic-Rich Shales over a Wide Temperature Range. <i>Energy & Fuels</i> , 2017, 31, 13427-13438.	5.1	36
9	Gaussian Smoothers for Nonlinear Systems With One-Step Randomly Delayed Measurements. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 1828-1835.	5.7	34
10	Water Sorption and Transport in Shales: An Experimental and Simulation Study. <i>Water Resources Research</i> , 2021, 57, e2019WR026888.	4.2	33
11	Multi-Scale Feature Integrated Attention-Based Rotation Network for Object Detection in VHR Aerial Images. <i>Sensors</i> , 2020, 20, 1686.	3.8	32
12	Joint estimation and identification for stochastic systems with unknown inputs. <i>IET Control Theory and Applications</i> , 2013, 7, 1377-1386.	2.1	30
13	Survey of swarm intelligence optimization algorithms. , 2017, , .		29
14	Self-assembled nano-Ag/Au@Au film composite SERS substrates show high uniformity and high enhancement factor for creatinine detection. <i>Nanotechnology</i> , 2021, 32, 395502.	2.6	26
15	Distributed fusion estimation with square-root array implementation for Markovian jump linear systems with random parameter matrices and cross-correlated noises. <i>Information Sciences</i> , 2016, 370-371, 446-462.	6.9	24
16	Thermodynamic Characteristic of Methane Sorption on Shales from Oil, Gas, and Condensate Windows. <i>Energy & Fuels</i> , 2018, 32, 10443-10456.	5.1	23
17	Experimental Investigation about Gas Transport in Tight Shales: An Improved Relationship between Gas Slippage and Petrophysical Properties. <i>Energy & Fuels</i> , 2021, 35, 3937-3950.	5.1	21
18	Joint estimation of target state and ionospheric height bias in over-the-horizon radar target tracking. <i>IET Radar, Sonar and Navigation</i> , 2016, 10, 1153-1167.	1.8	19

#	ARTICLE	IF	CITATIONS
19	Linear minimum mean square error estimation of Markovian jump linear systems with Stochastic coefficient matrices. IET Control Theory and Applications, 2014, 8, 1112-1126.	2.1	18
20	Robust multi-target tracking under mismatches in both dynamic and measurement models. Aerospace Science and Technology, 2019, 86, 748-761.	4.8	18
21	Emodin ameliorates tubulointerstitial fibrosis in obstructed kidneys by inhibiting EZH2. Biochemical and Biophysical Research Communications, 2021, 534, 279-285.	2.1	16
22	Printer-assisted array flexible surface-enhanced Raman spectroscopy chip preparation for rapid and label-free detection of bacteria. Journal of Raman Spectroscopy, 2020, 51, 932-940.	2.5	15
23	A survey on joint tracking using expectation maximization based techniques. Information Fusion, 2016, 30, 52-68.	19.1	14
24	Isobaric Molar Heat Capacity of Ethyl Octanoate and Ethyl Decanoate at Pressures up to 24 MPa. Journal of Chemical & Engineering Data, 2018, 63, 2252-2256.	1.9	14
25	New state estimation criteria of delayed static neural networks via the Lyapunov-Krasovskii functional with negative definite terms. Neural Networks, 2020, 123, 236-247.	5.9	14
26	Modeling Water Imbibition and Penetration in Shales: New Insights into the Retention of Fracturing Fluids. Energy & Fuels, 2021, 35, 13776-13787.	5.1	14
27	Fractal Analysis of Pore Structure Differences Between Shale and Sandstone Based on the Nitrogen Adsorption Method. Natural Resources Research, 2022, 31, 1759-1773.	4.7	14
28	Linear minimum mean square error estimation of Markovian jump linear systems with randomly delayed measurements. IET Signal Processing, 2014, 8, 658-667.	1.5	12
29	The distributed infectious disease model and its application to collaborative sensor wakeup of wireless sensor networks. Information Sciences, 2013, 223, 192-204.	6.9	10
30	Liquid Phase Oxidation of Cyclohexene Over Selenite Doped MCM-41. Catalysis Letters, 2009, 129, 499-506.	2.6	9
31	Double-Layer Cubature Kalman Filter for Nonlinear Estimation. Sensors, 2019, 19, 986.	3.8	8
32	Tool Wear in Disc Milling Grooving of Aircraft Engine Blisk. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2021, 45, 555-566.	1.3	8
33	Tunable Negative Differential Resistance and Resistive Switching Properties of Amorphous WO ₃ Devices. IEEE Transactions on Electron Devices, 2021, 68, 3807-3812.	3.0	8
34	Characterizing Shale Oil Occurrence in the Yanchang Formation of the Ordos Basin, Assisted by Petrophysical and Geochemical Approaches. Energy & Fuels, 2022, 36, 370-381.	5.1	8
35	A density-based recursive RANSAC algorithm for unmanned aerial vehicle multi-target tracking in dense clutter. , 2017, , .		7
36	A novel track initialization algorithm based on random sample consensus in dense clutter. International Journal of Advanced Robotic Systems, 2018, 15, 172988141881263.	2.1	7

#	ARTICLE	IF	CITATIONS
37	High-performance surface-enhanced Raman spectroscopy chip integrated with a micro-optical system for the rapid detection of creatinine in serum. <i>Biomedical Optics Express</i> , 2021, 12, 4795.	2.9	7
38	Fast-rate residual generator based on multiple slow-rate sensors. <i>IET Signal Processing</i> , 2014, 8, 878-884.	1.5	6
39	A Novel Particle Filter Based on Hybrid Deterministic and Random Sampling. <i>IEEE Access</i> , 2018, 6, 67536-67542.	4.2	6
40	A Bayesian Framework for Joint Target Tracking, Classification, and Intent Inference. <i>IEEE Access</i> , 2019, 7, 66148-66156.	4.2	6
41	Adaptive filter of non-linear systems with generalised unknown disturbances. <i>IET Radar, Sonar and Navigation</i> , 2014, 8, 307-317.	1.8	5
42	Linear minimum mean squared estimation of measurement bias driven by structured unknown inputs. <i>IET Radar, Sonar and Navigation</i> , 2014, 8, 977-986.	1.8	5
43	Event-Triggered Globally Sequential Fusion Estimation for Clustered Wireless Sensor Networks With Variational Bayesian. <i>IEEE Sensors Journal</i> , 2021, 21, 20273-20282.	4.7	5
44	An Interference-Oriented 5G Radio Resource Allocation Framework for Ultradense Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 22618-22630.	8.7	5
45	Multi-Sensor Consensus Estimation of State, Sensor Biases and Unknown Input. <i>Sensors</i> , 2016, 16, 1407.	3.8	4
46	A collaborative GMPHD filter for fast multi-target tracking. , 2015, , .		3
47	Adaptive Collaborative Gaussian Mixture Probability Hypothesis Density Filter for Multi-Target Tracking. <i>Sensors</i> , 2016, 16, 1666.	3.8	3
48	VETAM-M: A General Model for Voltage-Controlled Memcapacitive-Coupled Memristors. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1717-1721.	3.0	3
49	The Analysis Between Traditional Convolution Neural Network and CapsuleNet. , 2018, , .		2
50	A sandwich SERS detection system based on optical convergence and synergistic enhancement effects. <i>Analyst</i> , The, 2021, 146, 6132-6138.	3.5	2
51	A XGBoost Based Wireless Interference Relation Mining and Performance Prediction Method. , 2021, , .		2
52	Variational Learning Data Fusion With Unknown Correlation. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 7814-7824.	9.5	2
53	Joint OTHR multipath state estimation with unknown ionospheric heights. , 2015, , .		1
54	Passive multi-sensor box particle PHD based on boundary constraint. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
55	The application of SRCQMMSPF in ballistic reentry target trajectory tracking. , 2017, , .		1
56	Rotated Fusion Network (RFN) Algorithm for Aerial Vehicle Detection. , 2021, , .		1
57	Efficient implementation of maximization likelihood estimation to constrained measurement random latency probability in nonlinear system. , 2016, , .		0
58	Multiple model box-particle cardinality balanced multi-target multi-Bernoulli filter for multiple maneuvering targets tracking. , 2016, , .		0
59	EMDs-PHD algorithm for OTHR multi-target tracking. , 2016, , .		0
60	An adaptive mode transition probability IMM Bernoulli filter. , 2016, , .		0
61	Theoretical research on general Hosford yield function of cubic orthorhombic sheets metals. AIP Conference Proceedings, 2017, , .	0.4	0
62	Joint sparse learning for classification ensemble. , 2017, , .		0
63	EMDs with amplitude information for distributed fusion. , 2017, , .		0
64	Development of Battlefield Situation Display System Based on ArcGIS Engine Software. , 2017, , .		0
65	SMC-PHD Target State Extraction Based on CFSFDP Clustering Algorithm. , 2018, , .		0
66	Path Planning for Unmanned Vehicles Based on Value Function Approximation Algorithm. , 2019, , .		0
67	Set-valued mode recognition-based Bayesian estimation for nonlinear stochastic systems with unknown sensor mode. ISA Transactions, 2021, , .	5.7	0