Feng Yang

List of Publications by Year
in descending order

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	VETAM-M: A General Model for Voltage-Controlled Memcapacitive-Coupled Memristors. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1717-1721.	3.0	3
2	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
3	Variational Learning Data Fusion With Unknown Correlation. IEEE Transactions on Cybernetics, 2022, 52, 7814-7824.	9.5	2
4	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
5	An Interference-Oriented 5G Radio Resource Allocation Framework for Ultradense Networks. IEEE Internet of Things Journal, 2022, 9, 22618-22630.	8.7	5
6	Emodin ameliorates tubulointerstitial fibrosis in obstructed kidneys by inhibiting EZH2. Biochemical and Biophysical Research Communications, 2021, 534, 279-285.	2.1	16
7	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
8	Experimental Investigation about Gas Transport in Tight Shales: An Improved Relationship between Gas Slippage and Petrophysical Properties. Energy & Fuels, 2021, 35, 3937-3950.	5.1	21
9	Set-valued mode recognition-based Bayesian estimation for nonlinear stochastic systems with unknown sensor mode. ISA Transactions, 2021, , .	5.7	0
10	Rotated Fusion Network (RFN) Algorithm for Aerial Vehicle Detection. , 2021, , .		1
11	Self-assembled nano-Ag/Au@Au film composite SERS substrates show high uniformity and high enhancement factor for creatinine detection. Nanotechnology, 2021, 32, 395502.	2.6	26
12	High-performance surface-enhanced Raman spectroscopy chip integrated with a micro-optical system for the rapid detection of creatinine in serum. Biomedical Optics Express, 2021, 12, 4795.	2.9	7
13	Tunable Negative Differential Resistance and Resistive Switching Properties of Amorphous WOâ‚" Devices. IEEE Transactions on Electron Devices, 2021, 68, 3807-3812.	3.0	8
14	Modeling Water Imbibition and Penetration in Shales: New Insights into the Retention of Fracturing Fluids. Energy & Fuels, 2021, 35, 13776-13787.	5.1	14
15	Event-Triggered Globally Sequential Fusion Estimation for Clustered Wireless Sensor Networks With Variational Bayesian. IEEE Sensors Journal, 2021, 21, 20273-20282.	4.7	5
16	A sandwich SERS detection system based on optical convergence and synergistic enhancement effects. Analyst, The, 2021, 146, 6132-6138.	3.5	2
17	Water Sorption and Transport in Shales: An Experimental and Simulation Study. Water Resources Research, 2021, 57, e2019WR026888.	4.2	33
18	A XGBoost Based Wireless Interference Relation Mining and Performance Prediction Method. , 2021, , .		2

#	Article	IF	Citations
19	New ⟨mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2422" altimg="si514.svg"⟩⟨mml:msub⟩⟨mml:mrow⟩⟨mml:mi⟩H⟨/mml:mi⟩⟨/mml:mrow⟩⟨mml:mrow⟩⟨mml:mi⟩â˜⟨/mml:mi⟩⟨/mml:mrow state estimation criteria of delayed static neural networks via the Lyapunovâ€"Krasovskii functional with negative definite terms. Neural Networks, 2020, 123, 236-247.	5.9	14
20	Printerâ€assisted array flexible surfaceâ€enhanced Raman spectroscopy chip preparation for rapid and labelâ€free detection of bacteria. Journal of Raman Spectroscopy, 2020, 51, 932-940.	2.5	15
21	Multi-Scale Feature Integrated Attention-Based Rotation Network for Object Detection in VHR Aerial Images. Sensors, 2020, 20, 1686.	3.8	32
22	A Bayesian Framework for Joint Target Tracking, Classification, and Intent Inference. IEEE Access, 2019, 7, 66148-66156.	4.2	6
23	Double-Layer Cubature Kalman Filter for Nonlinear Estimation. Sensors, 2019, 19, 986.	3.8	8
24	Robust multi-target tracking under mismatches in both dynamic and measurement models. Aerospace Science and Technology, 2019, 86, 748-761.	4.8	18
25	Path Planning for Unmanned Vehicles Based on Value Function Approximation Algorithm. , 2019, , .		0
26	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
27	A Novel Particle Filter Based on Hybrid Deterministic and Random Sampling. IEEE Access, 2018, 6, 67536-67542.	4.2	6
28	SMC-PHD Target State Extraction Based on CFSFDP Clustering Algorithm. , 2018, , .		0
29	The Analysis Between Traditional Convolution Neural Network and CapsuleNet. , 2018, , .		2
30	High Energy Storage Efficiency Triboelectric Nanogenerators with Unidirectional Switches and Passive Power Management Circuits. Advanced Functional Materials, 2018, 28, 1805216.	14.9	174
31	Thermodynamic Characteristic of Methane Sorption on Shales from Oil, Gas, and Condensate Windows. Energy & Fuels, 2018, 32, 10443-10456.	5.1	23
32	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
33	Model-reduced fault detection for multi-rate sensor fusion with unknown inputs. Information Fusion, 2017, 33, 1-14.	19.1	51
34	A Sliding-Mode Triboelectric Nanogenerator with Chemical Group Grated Structure by Shadow Mask Reactive Ion Etching. ACS Nano, 2017, 11, 8796-8803.	14.6	86
35	Supercritical Methane Sorption on Organic-Rich Shales over a Wide Temperature Range. Energy & Fuels, 2017, 31, 13427-13438.	5.1	36
36	Survey of swarm intelligence optimization algorithms. , 2017, , .		29

#	Article	IF	Citations
37	Theoretical research on general Hosford yield function of cubic orthorhombic sheets metals. AIP Conference Proceedings, 2017, , .	0.4	0
38	A density-based recursive RANSAC algorithm for unmanned aerial vehicle multi-target tracking in dense clutter. , 2017, , .		7
39	Joint sparse learning for classification ensemble. , 2017, , .		0
40	EMDs with amplitude information for distributed fusion. , 2017, , .		0
41	The application of SRCQMMSPF in ballistic reentry target trajectory tracking. , 2017, , .		1
42	Development of Battlefield Situation Display System Based on ArcGIS Engine Software. , 2017, , .		0
43	Adaptive Collaborative Gaussian Mixture Probability Hypothesis Density Filter for Multi-Target Tracking. Sensors, 2016, 16, 1666.	3.8	3
44	Multi-Sensor Consensus Estimation of State, Sensor Biases and Unknown Input. Sensors, 2016, 16, 1407.	3.8	4
45	Efficient implementation of maximization likelihood estimation to constrained measurement random latency probability in nonlinear system. , 2016, , .		0
46	Multiple model box-particle cardinality balanced multi-target multi-Bernoulli filter for multiple maneuvering targets tracking. , 2016, , .		0
47	Distributed fusion estimation with square-root array implementation for Markovian jump linear systems with random parameter matrices and cross-correlated noises. Information Sciences, 2016, 370-371, 446-462.	6.9	24
48	Joint estimation of target state and ionospheric height bias in over‑the‑horizon radar target tracking. IET Radar, Sonar and Navigation, 2016, 10, 1153-1167.	1.8	19
49	Passive multi-sensor box particle PHD based on boundary constraint. , 2016, , .		1
50	EMDs-PHD algorithm for OTHR multi-target tracking. , 2016, , .		0
51	An adaptive mode transition probability IMM Bernoulli filter. , 2016, , .		0
52	A survey on joint tracking using expectation–maximization based techniques. Information Fusion, 2016, 30, 52-68.	19.1	14
53	The joint optimal filtering and fault detection for multi-rate sensor fusion under unknown inputs. Information Fusion, 2016, 29, 57-67.	19.1	46
54	A collaborative GMPHD filter for fast multi-target tracking. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
55	Joint OTHR multipath state estimation with unknown ionospheric heights. , 2015, , .		1
56	Fast‐rate residual generator based on multiple slow‐rate sensors. IET Signal Processing, 2014, 8, 878-884.	1.5	6
57	Adaptive filter of non‐linear systems with generalised unknown disturbances. IET Radar, Sonar and Navigation, 2014, 8, 307-317.	1.8	5
58	Linear minimum mean squared estimation of measurement bias driven by structured unknown inputs. IET Radar, Sonar and Navigation, 2014, 8, 977-986.	1.8	5
59	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
60	Design and implementation of Gaussian filter for nonlinear system with randomly delayed measurements and correlated noises. Applied Mathematics and Computation, 2014, 232, 1011-1024.	2.2	54
61	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
62	Joint estimation and identification for stochastic systems with unknown inputs. IET Control Theory and Applications, 2013, 7, 1377-1386.	2.1	30
63	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
64	Gaussian Smoothers for Nonlinear Systems With One-Step Randomly Delayed Measurements. IEEE Transactions on Automatic Control, 2013, 58, 1828-1835.	5.7	34
65	A Gaussian approximation recursive filter for nonlinear systems with correlated noises. Automatica, 2012, 48, 2290-2297.	5.0	86
66	Thermal comfort effects of urban design strategies in high-rise urban environments in a sub-tropical climate. Architectural Science Review, 2011, 54, 285-304.	2.2	79
67	Liquid Phase Oxidation of Cyclohexene Over Selenite Doped MCM-41. Catalysis Letters, 2009, 129, 499-506.	2.6	9