

Xiaoxu Wang

List of Publications by Year in descending order

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51
papers

782
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567281

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52
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization, source apportionment and risk assessment of PAHs in urban surface dust in Shenyang city, China. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3639-3654.	3.4	6
2	Multi-scale strength and buckling analysis of 3D woven composite spherical shells subjected to hydrostatic pressure. <i>Journal of Industrial Textiles</i> , 2022, 51, 6236S-6257S.	2.4	1
3	Stochastic Event-Triggered Filtering for Nonlinear Systems Subject to Correlated Noises. <i>Lecture Notes in Electrical Engineering</i> , 2022, , 4757-4768.	0.4	0
4	A new enabling variational inference model for approximating measurement likelihood in filtering nonlinear system. <i>International Journal of Robust and Nonlinear Control</i> , 2022, 32, 1738.	3.7	1
5	Effect of carbon fiber reinforcement on the compressive and thermal properties of hollow glass microspheres/epoxy syntactic foam. <i>Journal of Materials Science</i> , 2022, 57, 3396-3404.	3.7	4
6	New insights into the radial structural differences of polyacrylonitrile fibres during thermal stabilization by the synchronous processing adjustment of time and temperature. <i>RSC Advances</i> , 2022, 12, 13339-13346.	3.6	1
7	Characterization, source apportionment, and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in urban soils from 23 cities in China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 73401-73413.	5.3	5
8	Target Tracking With Equality/Inequality Constraints Based on Trajectory Function of Time. <i>IEEE Signal Processing Letters</i> , 2021, 28, 1330-1334.	3.6	11
9	A novel nonlinear filter through constructing the parametric Gaussian regression process. <i>Nonlinear Dynamics</i> , 2021, 105, 579-602.	5.2	3
10	Polycyclic Aromatic Hydrocarbons in the Surface Water of the Taizi River in Northeast China. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 219-227.	2.6	3
11	Structural Transformation of Polyacrylonitrile (PAN) Fibers during Rapid Thermal Pretreatment in Nitrogen Atmosphere. <i>Polymers</i> , 2020, 12, 63.	4.5	39
12	Structure and tensile properties of carbon fibers based on electron-beam irradiated polyacrylonitrile fibers. <i>Journal of Materials Science</i> , 2020, 55, 4962-4969.	3.7	10
13	A particle filter via constrained sampling for nonlinear dynamic systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020, 30, 4944-4959.	3.7	9
14	On Arithmetic Average Fusion and Its Application for Distributed Multi-Bernoulli Multitarget Tracking. <i>IEEE Transactions on Signal Processing</i> , 2020, , 1-1.	5.3	46
15	Mode separability-based state estimation for uncertain constrained dynamic systems. <i>Automatica</i> , 2020, 115, 108905.	5.0	7
16	Effects of oxygen on the structural evolution of polyacrylonitrile fibers during rapid thermal treatment. <i>RSC Advances</i> , 2020, 10, 6356-6361.	3.6	15
17	High-strength electrospun carbon nanofibrous mats prepared via rapid stabilization as frameworks for Li-ion battery electrodes. <i>Journal of Materials Science</i> , 2019, 54, 11574-11584.	3.7	14
18	A Track-oriented Approach to Target Tracking with Random Finite Set Observations. , 2019, , .		4

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19	Path Planning for Unmanned Vehicles Based on Value Function Approximation Algorithm. , 2019, , .		0
20	Influence of Celery on the Remediation of PAHs-contaminated Farm Soil. Soil and Sediment Contamination, 2019, 28, 200-212.	1.9	12
21	Optimal river monitoring network using optimal partition analysis: a case study of Hun River, Northeast China. Environmental Technology (United Kingdom), 2019, 40, 1359-1365.	2.2	5
22	<i>In situ</i> sodium persulfate/calcium peroxide oxidation in remediation of TPH-contaminated soil in 3D-sand box. Environmental Technology (United Kingdom), 2018, 39, 91-101.	2.2	10
23	Characterization and Risk Assessment of Polycyclic Aromatic Hydrocarbons in Surface Water from Liaohe River, Northeast China. Polycyclic Aromatic Compounds, 2018, 38, 389-401.	2.6	15
24	Surfactant-enhanced bioremediation of DDTs and PAHs in contaminated farmland soil. Environmental Technology (United Kingdom), 2018, 39, 1733-1744.	2.2	42
25	Rapid and Continuous Preparation of Polyacrylonitrile-Based Carbon Fibers with Electron-Beam Irradiation Pretreatment. Materials, 2018, 11, 1270.	2.9	19
26	Effects of $\hat{\gamma}$ -Ray Irradiation on the Radial Structure Heterogeneity in Polyacrylonitrile Fibers during Thermal Stabilization. Polymers, 2018, 10, 943.	4.5	7
27	Model Fitting Filter. , 2018, , .		0
28	Efficient False Alarm Probability Identification for Linear System with Uncertain Measurement. , 2018, , .		0
29	Simultaneous Mean and Covariance Correction Filter for Orbit Estimation. Sensors, 2018, 18, 1444.	3.8	2
30	Disparity Map Enhancement based Stereo Matching Method Using Optical Flow. , 2018, , .		0
31	Adaptive Gaussian mixture filter for Markovian jump nonlinear systems with colored measurement noises. ISA Transactions, 2018, 80, 111-126.	5.7	12
32	In-Situ Bioremediation of DDTs and PAH Contaminated Aging Farmland Soil Using Blood Meal. Soil and Sediment Contamination, 2017, 26, 623-635.	1.9	8
33	EM-based adaptive divided difference filter for nonlinear system with multiplicative parameter. International Journal of Robust and Nonlinear Control, 2017, 27, 2167-2197.	3.7	15
34	Efficient implementation of maximization likelihood estimation to constrained measurement random latency probability in nonlinear system. , 2016, , .		0
35	Multiple model box-particle cardinality balanced multi-target multi-Bernoulli filter for multiple maneuvering targets tracking. , 2016, , .		0
36	Analytical identification of system parameter nonlinearly coupled in dynamic transition matrix. , 2016, , .		0

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37	Covariance correction filter with unknown disturbance associated to system state. , 2016, , .		0
38	Gaussian-consensus filter for nonlinear systems with randomly delayed measurements in sensor networks. Information Fusion, 2016, 30, 91-102.	19.1	22
39	Measurement Random Latency Probability Identification. IEEE Transactions on Automatic Control, 2016, 61, 4210-4216.	5.7	22
40	Nonlinear Gaussian Smoothers With Colored Measurement Noise. IEEE Transactions on Automatic Control, 2015, 60, 870-876.	5.7	37
41	Gaussian filter for nonlinear systems with correlated noises at the same epoch. Automatica, 2015, 60, 122-126.	5.0	41
42	Facile one-step synthesis of Co(OH) ₂ microsphere/graphene composites for an efficient supercapacitor electrode material. RSC Advances, 2015, 5, 38324-38329.	3.6	12
43	Gaussian sum filter of Markov jump non-linear systems. IET Signal Processing, 2015, 9, 335-340.	1.5	4
44	Gaussian sum approximation filter for nonlinear dynamic time-delay system. Nonlinear Dynamics, 2015, 82, 501-517.	5.2	4
45	Gaussian/Gaussian-mixture filters for non-linear stochastic systems with delayed states. IET Control Theory and Applications, 2014, 8, 996-1008.	2.1	9
46	General equivalence between two kinds of noise-correlation filters. Automatica, 2014, 50, 3316-3318.	5.0	11
47	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
48	Gaussian filter for nonlinear systems with one-step randomly delayed measurements. Automatica, 2013, 49, 976-986.	5.0	90
49	Gaussian Smoothers for Nonlinear Systems With One-Step Randomly Delayed Measurements. IEEE Transactions on Automatic Control, 2013, 58, 1828-1835.	5.7	34
50	A Gaussian approximation recursive filter for nonlinear systems with correlated noises. Automatica, 2012, 48, 2290-2297.	5.0	86
51	Hollow polymer microspheres containing a gold nanocolloid core adsorbed on the inner surface as a catalytic microreactor. Journal of Materials Science, 2010, 45, 3981-3989.	3.7	30