

Yan Liang

List of Publications by Year in descending order

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59
papers

566
citations

567281

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59
docs citations

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times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-doped carbon dots used as an "off-on" fluorescent sensor for Fe ³⁺ and glutathione detection. <i>Dyes and Pigments</i> , 2020, 178, 108358.	3.7	67
2	Wide emission shifts and high quantum yields of solvatochromic carbon dots with rich pyrrolic nitrogen. <i>Nano Research</i> , 2020, 13, 2492-2499.	10.4	43
3	Influence of ultrasound treatment on the physicochemical and antioxidant properties of mung bean protein hydrolysate. <i>Ultrasonics Sonochemistry</i> , 2022, 84, 105964.	8.2	36
4	Tim-4 Inhibits NLRP3 Inflammasome via the LKB1/AMPK β Pathway in Macrophages. <i>Journal of Immunology</i> , 2019, 203, 990-1000.	0.8	31
5	Research on the water-holding capacity of pork sausage with acetate cassava starch. <i>Starch/Staerke</i> , 2014, 66, 1033-1040.	2.1	23
6	Single-photon detection and its applications. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014, 57, 1218-1232.	5.1	23
7	Measurement Random Latency Probability Identification. <i>IEEE Transactions on Automatic Control</i> , 2016, 61, 4210-4216.	5.7	22
8	Cadmium promotes apoptosis and inflammation via the circ08409/miR-133a/TGFB2 axis in bovine mammary epithelial cells and mouse mammary gland. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112477.	6.0	22
9	Unexpected SiMe ₃ effect on color-tunable and fluorescent probes of dendritic polyphenyl naphthalimides with aggregation-induced emission enhancement. <i>Journal of Materials Chemistry C</i> , 2016, 4, 745-750.	5.5	21
10	Emission enhancement and color adjustment of silicon-cored structure in tetraphenyl benzene with aggregation-enhanced emission. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5601.	5.5	20
11	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
12	Linear minimum-mean-square error estimation of Markovian jump linear systems with Stochastic coefficient matrices. <i>IET Control Theory and Applications</i> , 2014, 8, 1112-1126.	2.1	18
13	Recent developments in ruthenium nitrido complexes. <i>RSC Advances</i> , 2013, 3, 3477.	3.6	17
14	Fault detection for multi-rate sensor fusion under multiple uncertainties. <i>IET Control Theory and Applications</i> , 2015, 9, 1709-1716.	2.1	15
15	EM-based adaptive divided difference filter for nonlinear system with multiplicative parameter. <i>International Journal of Robust and Nonlinear Control</i> , 2017, 27, 2167-2197.	3.7	15
16	New state estimation criteria of delayed static neural networks via the Lyapunov-Krasovskii functional with negative definite terms. <i>Neural Networks</i> , 2020, 123, 236-247.	5.9	14
17	Color-tunable organic composite nanoparticles based on perylene tetracarboxylic-diimides and a silicon-cored fluoranthene derivate. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5367.	5.5	13
18	A silicone polymer modified by fluoranthene groups as a new approach for detecting nitroaromatic compounds. <i>Polymer Chemistry</i> , 2019, 10, 4818-4824.	3.9	13

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19	Linear minimum mean square error estimation of Markovian jump linear systems with randomly delayed measurements. <i>IET Signal Processing</i> , 2014, 8, 658-667.	1.5	12
20	Room-Temperature Single-Photon Detection With 1.5-GHz Gated InGaAs/InP Avalanche Photodiode. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 142-145.	2.5	12
21	Rapid purification of antioxidants from <i>Magnolia officinalis</i> by semi-prep-HPLC with a two-step separation strategy guided by on-line HPLC-radical scavenging detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1100-1101, 140-147.	2.3	12
22	Adaptive Gaussian mixture filter for Markovian jump nonlinear systems with colored measurement noises. <i>ISA Transactions</i> , 2018, 80, 111-126.	5.7	12
23	A silicon-cored tetraphenyl benzene derivative with aggregation-induced emission enhancement as a fluorescent probe for nitroaromatic compounds detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 216, 395-403.	3.9	10
24	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
25	Robust interval-constrained filter. <i>IET Control Theory and Applications</i> , 2017, 11, 908-914.	2.1	8
26	The strategy to improve thermal and optical properties of diphenylfluoranthene based on silicon-cored derivatives. <i>RSC Advances</i> , 2014, 4, 17171.	3.6	7
27	Robust control for a class of cyber-physical systems with multi-uncertainties. <i>International Journal of Systems Science</i> , 2021, 52, 505-524.	5.5	7
28	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
29	Linear minimum mean square error filtering with stochastic linear equality constraints. <i>International Journal of Systems Science</i> , 2019, 50, 1799-1811.	5.5	5
30	Gaussian sum filter of Markov jump nonlinear systems. <i>IET Signal Processing</i> , 2015, 9, 335-340.	1.5	4
31	Multi-Sensor Consensus Estimation of State, Sensor Biases and Unknown Input. <i>Sensors</i> , 2016, 16, 1407.	3.8	4
32	Molecular Characterization and Functional Analysis of Cashmere Goat Mammalian Target of Rapamycin. <i>DNA and Cell Biology</i> , 2012, 31, 839-844.	1.9	3
33	The synthesis and structure analysis of a novel polysiloxane-lanthanide hybrid material. <i>Russian Journal of Physical Chemistry A</i> , 2015, 89, 1619-1624.	0.6	3
34	Nanocone Structures Enhancing Nitrogen-Vacancy Center Emissions in Diamonds. <i>Coatings</i> , 2020, 10, 513.	2.6	3
35	N-Glycosylation at Asn291 Stabilizes TIM-4 and Promotes the Metastasis of NSCLC. <i>Frontiers in Oncology</i> , 2022, 12, 730530.	2.8	3
36	The tunability of the electronic structures for poly(carbosilylsilanes): a theoretical study. <i>Structural Chemistry</i> , 2010, 21, 583-592.	2.0	2

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37	Core-modified of fluoranthene with "propeller" structure for highly sensitive detection of nitroaromatic compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 474-483.	3.9	2
38	Expectation-maximization-based infrared target tracking with time-varying extinction coefficient identification. International Journal of Adaptive Control and Signal Processing, 2021, 35, 221-239.	4.1	2
39	Distributed Weighted Least Squares Estimator Without Prior Distribution Knowledge. , 2021, , .		2
40	Upper bound filter under interval constraints and multiplicative noises. IET Control Theory and Applications, 2019, 13, 2482-2491.	2.1	2
41	Carboxyl-Rich Carbon Dots as Highly Selective and Sensitive Fluorescent Sensor for Detection of Fe ³⁺ in Water and Lactoferrin. Polymers, 2021, 13, 4317.	4.5	2
42	Relative angle based obstacle-avoidance. , 2015, , .		1
43	Self-assembled porous nanoparticles based on silicone polymers with aggregation-induced emission for highly sensitive detection of nitroaromatics. Polymer Chemistry, 2021, 12, 7016-7022.	3.9	1
44	New Results on State Estimation of Static Neural Networks with Time-Varying Delays. , 2020, , .		1
45	Observation of Morphology and Proliferative Density for Cashmere Goat Fetal Fibroblasts after mTOR Inhibition with Optical Microscope Cell Imaging. , 2011, , .		0
46	Efficient implementation of maximization likelihood estimation to constrained measurement random latency probability in nonlinear system. , 2016, , .		0
47	Multiple model box-particle cardinality balanced multi-target multi-Bernoulli filter for multiple maneuvering targets tracking. , 2016, , .		0
48	Analytical identification of system parameter nonlinearly coupled in dynamic transition matrix. , 2016, , .		0
49	Covariance correction filter with unknown disturbance associated to system state. , 2016, , .		0
50	Polarization-Multiplexed Phase Modulation of Single Photons in a Sagnac Interferometer. IEEE Photonics Technology Letters, 2017, 29, 1647-1650.	2.5	0
51	Gaussian mixture approximation smoother for hypersonic glide reentry vehicles tracking. , 2017, , .		0
52	Efficient extraction of salvianolic acid B from salvia miltiorrhiza by enzymatic method. AIP Conference Proceedings, 2019, , .	0.4	0
53	Joint Data Compression and Parameter Estimation for Kronecker Product Structure. IEEE Access, 2019, 7, 46399-46410.	4.2	0
54	Set-valued mode recognition-based Bayesian estimation for nonlinear stochastic systems with unknown sensor mode. ISA Transactions, 2021, , .	5.7	0

#	ARTICLE	IF	CITATIONS
55	Load frequency control for cyber-physical microgrid via a relaxed quadratic convex framework. , 2021, , .		0
56	Variational Bayesian Inference for Jump Markov Linear Systems with Unknown Transition Probabilities. , 2018, , .		0
57	Stabilizing Control for Cyber-Physical Systems against Energy-Constrained Deception Attacks. , 2019, , .		0
58	A Two-stage Particle Filter for Equality Constrained Systems. , 2020, , .		0
59	Recursive Bayesian inference and learning for target tracking with unknown maneuvers. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1032-1044.	4.1	0