

# Yan Liang

## List of Publications by Year in descending order

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59  
papers

566  
citations

567281

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h-index

677142

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g-index

59  
all docs

59  
docs citations

59  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	N-Glycosylation at Asn291 Stabilizes TIM-4 and Promotes the Metastasis of NSCLC. Frontiers in Oncology, 2022, 12, 730530.	2.8	3
3	Influence of ultrasound treatment on the physicochemical and antioxidant properties of mung bean protein hydrolysate. Ultrasonics Sonochemistry, 2022, 84, 105964.	8.2	36
4	Robust control for a class of cyber-physical systems with multi-uncertainties. International Journal of Systems Science, 2021, 52, 505-524.	5.5	7
5	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
6	Set-valued mode recognition-based Bayesian estimation for nonlinear stochastic systems with unknown sensor mode. ISA Transactions, 2021, , .	5.7	0
7	Load frequency control for cyber-physical microgrid via a relaxed quadratic convex framework. , 2021, , .		0
8	Distributed Weighted Least Squares Estimator Without Prior Distribution Knowledge. , 2021, , .		2
9	Cadmium promotes apoptosis and inflammation via the circ08409/miR-133a/TGFB2 axis in bovine mammary epithelial cells and mouse mammary gland. Ecotoxicology and Environmental Safety, 2021, 222, 112477.	6.0	22
10	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
11	Carboxyl-Rich Carbon Dots as Highly Selective and Sensitive Fluorescent Sensor for Detection of Fe <sup>3+</sup> in Water and Lactoferrin. Polymers, 2021, 13, 4317.	4.5	2
12	New $H$ 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
13	A particle filter via constrained sampling for nonlinear dynamic systems. International Journal of Robust and Nonlinear Control, 2020, 30, 4944-4959.	3.7	9
14	Wide emission shifts and high quantum yields of solvatochromic carbon dots with rich pyrrolic nitrogen. Nano Research, 2020, 13, 2492-2499.	10.4	43
15	Nitrogen-doped carbon dots used as an "off-on" fluorescent sensor for Fe <sup>3+</sup> and glutathione detection. Dyes and Pigments, 2020, 178, 108358.	3.7	67
16	Nanocone Structures Enhancing Nitrogen-Vacancy Center Emissions in Diamonds. Coatings, 2020, 10, 513.	2.6	3
17	A Two-stage Particle Filter for Equality Constrained Systems. , 2020, , .		0
18	New Results on State Estimation of Static Neural Networks with Time-Varying Delays. , 2020, , .		1

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19	Core-modified of fluoranthene with "propeller" structure for highly sensitive detection of nitroaromatic compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 474-483.	3.9	2
20	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
21	Efficient extraction of salvianolic acid B from salvia miltiorrhiza by enzymatic method. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
22	Tim-4 Inhibits NLRP3 Inflammasome via the LKB1/AMPK $\beta$ Pathway in Macrophages. <i>Journal of Immunology</i> , 2019, 203, 990-1000.	0.8	31
23	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
24	Joint Data Compression and Parameter Estimation for Kronecker Product Structure. <i>IEEE Access</i> , 2019, 7, 46399-46410.	4.2	0
25	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
26	Upper bound filter under interval constraints and multiplicative noises. <i>IET Control Theory and Applications</i> , 2019, 13, 2482-2491.	2.1	2
27	Stabilizing Control for Cyber-Physical Systems against Energy-Constrained Deception Attacks. , 2019, , .		0
28	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
29	Adaptive Gaussian mixture filter for Markovian jump nonlinear systems with colored measurement noises. <i>ISA Transactions</i> , 2018, 80, 111-126.	5.7	12
30	Variational Bayesian Inference for Jump Markov Linear Systems with Unknown Transition Probabilities. , 2018, , .		0
31	Polarization-Multiplexed Phase Modulation of Single Photons in a Sagnac Interferometer. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1647-1650.	2.5	0
32	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
33	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
34	Gaussian mixture approximation smoother for hypersonic glide reentry vehicles tracking. , 2017, , .		0
35	Robust interval-constrained filter. <i>IET Control Theory and Applications</i> , 2017, 11, 908-914.	2.1	8
36	Multi-Sensor Consensus Estimation of State, Sensor Biases and Unknown Input. <i>Sensors</i> , 2016, 16, 1407.	3.8	4

#	ARTICLE	IF	CITATIONS
37	Efficient implementation of maximization likelihood estimation to constrained measurement random latency probability in nonlinear system. , 2016, , .		0
38	Multiple model box-particle cardinality balanced multi-target multi-Bernoulli filter for multiple maneuvering targets tracking. , 2016, , .		0
39	Analytical identification of system parameter nonlinearly coupled in dynamic transition matrix. , 2016, , .		0
40	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
41	Covariance correction filter with unknown disturbance associated to system state. , 2016, , .		0
42	Measurement Random Latency Probability Identification. IEEE Transactions on Automatic Control, 2016, 61, 4210-4216.	5.7	22
43	Unexpected SiMe <sub>3</sub> effect on color-tunable and fluorescent probes of dendritic polyphenyl naphthalimides with aggregation-induced emission enhancement. Journal of Materials Chemistry C, 2016, 4, 745-750.	5.5	21
44	Relative angle based obstacle-avoidance. , 2015, , .		1
45	The synthesis and structure analysis of a novel polysiloxane-lanthanide hybrid material. Russian Journal of Physical Chemistry A, 2015, 89, 1619-1624.	0.6	3
46	Fault detection for multi-rate sensor fusion under multiple uncertainties. IET Control Theory and Applications, 2015, 9, 1709-1716.	2.1	15
47	Gaussian sum filter of Markov jump nonlinear systems. IET Signal Processing, 2015, 9, 335-340.	1.5	4
48	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
49	Research on the water-holding capacity of pork sausage with acetate cassava starch. Starch/Staerke, 2014, 66, 1033-1040.	2.1	23
50	Emission enhancement and color adjustment of silicon-cored structure in tetraphenyl benzene with aggregation-enhanced emission. Journal of Materials Chemistry C, 2014, 2, 5601.	5.5	20
51	The strategy to improve thermal and optical properties of diphenylfluoranthene based on silicon-cored derivatives. RSC Advances, 2014, 4, 17171.	3.6	7
52	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
53	Single-photon detection and its applications. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1218-1232.	5.1	23
54	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

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55	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
56	Recent developments in ruthenium nitrido complexes. <i>RSC Advances</i> , 2013, 3, 3477.	3.6	17
57	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
58	Observation of Morphology and Proliferative Density for Cashmere Goat Fetal Fibroblasts after mTOR Inhibition with Optical Microscope Cell Imaging. , 2011, , .		0
59	The tunability of the electronic structures for poly(carbosilylsilanes): a theoretical study. <i>Structural Chemistry</i> , 2010, 21, 583-592.	2.0	2