Yang Lu

List of Publications by Year
in descending order

48 papers	952 citations	567281 15 h-index	454955 30 g-index
49 all docs	49 docs citations	49 times ranked	1290 citing authors

#	Article	IF	Citations
1	Downhole Track Detection via Multi-dimensional Conditional Generative Adversarial Nets. IEEE Access, 2024, , 1-1.	4.2	1
2	Self-distribution binary neural networks. Applied Intelligence, 2022, 52, 13870-13882.	5.3	6
3	<i>In situ</i> Thermal-Responsive Magnetic Hydrogel for Multidisciplinary Therapy of Hepatocellular Carcinoma. Nano Letters, 2022, 22, 2251-2260.	9.1	29
4	Oak-inspired anti-biofouling shape-memory unidirectional scaffolds with stable solar water evaporation performance. Nanoscale, 2022, 14, 7493-7501.	5.6	8
5	MPTâ€embedding: An unsupervised representation learning of code for software defect prediction. Journal of Software: Evolution and Process, 2021, 33, e2330.	1.6	6
6	Empirical Research on the Application of a Structure-Based Software Reliability Model. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1153-1162.	13.1	2
7	Magnetically Actuated Active Deep Tumor Penetration of Deformable Large Nanocarriers for Enhanced Cancer Therapy. Advanced Functional Materials, 2021, 31, 2103655.	14.9	25
8	A Magnetoâ€Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil. Advanced Materials, 2021, 33, e2100074.	21.0	44
9	A Magnetoâ€Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /O	21.0	1
10	Simulated annealing-based reprogramming scheme of wireless sensor nodes. Wireless Networks, 2020, 26, 495-505.	3.0	1
11	Injectable ferrimagnetic silk fibroin hydrogel for magnetic hyperthermia ablation of deep tumor. Biomaterials, 2020, 259, 120299.	11.4	69
12	Modeling and verification of running process control for underground mine locomotive. Computers and Electrical Engineering, 2020, 87, 106790.	4.8	0
13	Incremental learning based multi-domain adaptation for object detection. Knowledge-Based Systems, 2020, 210, 106420.	7.1	24
14	Modeling and Verification of Hospital Intelligent Diagnosis and Treatment Service Based on Timed Automata in Internet of Things. , 2020, , .		0
15	Hierarchical Formal Modeling of Internet of Things System Oriented to User Behavior. , 2020, , .		0
16	Environment-oriented Internet of Things Service Modeling Integrating with User Requirements. , 2020, , .		1
17	PathPair2Vec: An AST path pair-based code representation method for defect prediction. Journal of Computer Languages, 2020, 59, 100979.	2.1	23
18	Intelligent Deep Adversarial Network Fault Diagnosis Method Using Semisupervised Learning. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	0

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19	Activatable Cell-Penetrating Peptide Conjugated Polymeric Nanoparticles with Gd-Chelation and Aggregation-Induced Emission for Bimodal MR and Fluorescence Imaging of Tumors. ACS Applied Bio Materials, 2020, 3, 1394-1405.	4.6	12
20	Ag Nanoparticles Cluster with pH–Triggered Reassembly in Targeting Antimicrobial Applications. Advanced Functional Materials, 2020, 30, 2000511.	14.9	98
21	Ferrimagnetic mPEG-*b*-PHEP copolymer micelles loaded with iron oxide nanocubes and emodin for enhanced magnetic hyperthermia–chemotherapy. National Science Review, 2020, 7, 723-736.	9.5	59
22	Regioselective magnetization in semiconducting nanorods. Nature Nanotechnology, 2020, 15, 192-197.	31.5	51
23	A New Affinity Propagation Clustering Algorithm for V2V-Supported VANETs. IEEE Access, 2020, 8, 71405-71421.	4.2	18
24	In situ assembly of magnetic nanocrystals/graphene oxide nanosheets on tumor cells enables efficient cancer therapy. Nano Research, 2020, 13, 1133-1140.	10.4	12
25	Thermoresponsive *in Situ* Forming Hydrogel with Sol–Gel Irreversibility for Effective Methicillin-Resistant *Staphylococcus aureus* Infected Wound Healing. ACS Nano, 2019, 13, 10074-10084.	14.6	160
26	Mapping Bug Reports to Relevant Source Code Files Based on the Vector Space Model and Word Embedding. IEEE Access, 2019, 7, 78870-78881.	4.2	8
27	Anti-biofouling double-layered unidirectional scaffold for long-term solar-driven water evaporation. Journal of Materials Chemistry A, 2019, 7, 16696-16703.	10.3	55
28	A Multi-Grouped LS-SVM Method for Short-Term Urban Traffic Flow Prediction. , 2019, , .		4
29	Routing Topology Inference for Wireless Sensor Networks Based on Packet Tracing and Local Probing. IEICE Transactions on Communications, 2019, E102.B, 122-136.	0.7	2
30	Stable gadolinium based nanoscale lyophilized injection for enhanced MR angiography with efficient renal clearance. Biomaterials, 2018, 158, 74-85.	11.4	37
31	Transforming ground mica into high-performance biomimetic polymeric mica film. Nature Communications, 2018, 9, 2974.	12.8	107
32	Transmission Reliability Evaluation for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 1346079.	2.2	22
33	Lightweight and scalable secure communication in VANET. International Journal of Electronics, 2015, 102, 765-780.	1.4	14
34	Cross-Layer Power-Control-Based Real-Time Routing Protocol for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 316835.	2.2	2
35	A Location Privacy-Preserving Protocol Based on Homomorphic Encryption and Key Agreement. , 2013, , .		4
36	The reliability algorithm based on binary neural networks. , 2013, , .		0

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37	A Distributed Pseudonym Management Scheme in VANETs. International Journal of Distributed Sensor Networks, 2013, 9, 615906.	2.2	5
38	Adaptive threshold control for auto-rate fallback algorithm in IEEE 802.11 multi-rate WLANs. International Journal of Electronics, 2012, 99, 305-317.	1.4	0
39	Decentralized coordination of autonomous swarms inspired by chaotic behavior of ants. Nonlinear Dynamics, 2012, 70, 571-584.	5.2	13
40	The upper bound of the minimal number of hidden neurons for the parity problem in binary neural networks. Science China Information Sciences, 2012, 55, 1579-1587.	4.3	5
41	Software reliability model for component interaction mode. Journal of Electronics, 2011, 28, 632-642.	0.2	1
42	Chaotic ant swarm for the traveling salesman problem. Nonlinear Dynamics, 2011, 65, 271-281.	5.2	12
43	DISTURBANCE CHAOTIC ANT SWARM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2597-2622.	1.7	4
44	A routing protocol based on interference-aware and channel-load in multi-radio multi-channel ad hoc networks. Journal of Electronics, 2010, 27, 772-780.	0.2	0
45	A Virtual Collision Solution Scheme Based on Optimal Window for WLAN. , 2009, , .		1
46	Research of Component-Based Hybrid Design Pattern for Real-Time Microkernel. , 2006, , .		3
47	Hierarchical Modeling and Control of Discrete Event Control Systems based on Rule Description Method. , 2006, , .		0
48	H/sub âˆž/ robust control of high order system based on adaptive low order model with dead-time. , 0, , .		0