

Yang Lu

List of Publications by Year in descending order

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48
papers

952
citations

567281

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454955

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49
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoresponsive <i>in situ</i> Forming Hydrogel with Sol-Gel Irreversibility for Effective Methicillin-Resistant <i>Staphylococcus aureus</i> Infected Wound Healing. ACS Nano, 2019, 13, 10074-10084.	14.6	160
2	Transforming ground mica into high-performance biomimetic polymeric mica film. Nature Communications, 2018, 9, 2974.	12.8	107
3	Ag Nanoparticles Cluster with pH-Triggered Reassembly in Targeting Antimicrobial Applications. Advanced Functional Materials, 2020, 30, 2000511.	14.9	98
4	Injectable ferrimagnetic silk fibroin hydrogel for magnetic hyperthermia ablation of deep tumor. Biomaterials, 2020, 259, 120299.	11.4	69
5	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
6	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
7	Regioselective magnetization in semiconducting nanorods. Nature Nanotechnology, 2020, 15, 192-197.	31.5	51
8	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil. Advanced Materials, 2021, 33, e2100074.	21.0	44
9	Stable gadolinium based nanoscale lyophilized injection for enhanced MR angiography with efficient renal clearance. Biomaterials, 2018, 158, 74-85.	11.4	37
10	<i>In situ</i> Thermal-Responsive Magnetic Hydrogel for Multidisciplinary Therapy of Hepatocellular Carcinoma. Nano Letters, 2022, 22, 2251-2260.	9.1	29
11	Magnetically Actuated Active Deep Tumor Penetration of Deformable Large Nanocarriers for Enhanced Cancer Therapy. Advanced Functional Materials, 2021, 31, 2103655.	14.9	25
12	Incremental learning based multi-domain adaptation for object detection. Knowledge-Based Systems, 2020, 210, 106420.	7.1	24
13	PathPair2Vec: An AST path pair-based code representation method for defect prediction. Journal of Computer Languages, 2020, 59, 100979.	2.1	23
14	Transmission Reliability Evaluation for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 1346079.	2.2	22
15	A New Affinity Propagation Clustering Algorithm for V2V-Supported VANETs. IEEE Access, 2020, 8, 71405-71421.	4.2	18
16	Lightweight and scalable secure communication in VANET. International Journal of Electronics, 2015, 102, 765-780.	1.4	14
17	Decentralized coordination of autonomous swarms inspired by chaotic behavior of ants. Nonlinear Dynamics, 2012, 70, 571-584.	5.2	13
18	Chaotic ant swarm for the traveling salesman problem. Nonlinear Dynamics, 2011, 65, 271-281.	5.2	12

#	ARTICLE	IF	CITATIONS
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	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
21	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
22	Oak-inspired anti-biofouling shape-memory unidirectional scaffolds with stable solar water evaporation performance. Nanoscale, 2022, 14, 7493-7501.	5.6	8
23	MPTâ€embedding: An unsupervised representation learning of code for software defect prediction. Journal of Software: Evolution and Process, 2021, 33, e2330.	1.6	6
24	Self-distribution binary neural networks. Applied Intelligence, 2022, 52, 13870-13882.	5.3	6
25	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
26	A Distributed Pseudonym Management Scheme in VANETs. International Journal of Distributed Sensor Networks, 2013, 9, 615906.	2.2	5
27	DISTURBANCE CHAOTIC ANT SWARM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2597-2622.	1.7	4
28	A Location Privacy-Preserving Protocol Based on Homomorphic Encryption and Key Agreement. , 2013, , .		4
29	A Multi-Grouped LS-SVM Method for Short-Term Urban Traffic Flow Prediction. , 2019, , .		4
30	Research of Component-Based Hybrid Design Pattern for Real-Time Microkernel. , 2006, , .		3
31	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
32	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
33	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
34	A Virtual Collision Solution Scheme Based on Optimal Window for WLAN. , 2009, , .		1
35	Software reliability model for component interaction mode. Journal of Electronics, 2011, 28, 632-642.	0.2	1
36	Downhole Track Detection via Multi-dimensional Conditional Generative Adversarial Nets. IEEE Access, 2024, , 1-1.	4.2	1

#	ARTICLE	IF	CITATIONS
37	Simulated annealing-based reprogramming scheme of wireless sensor nodes. <i>Wireless Networks</i> , 2020, 26, 495-505.	3.0	1
38	Environment-oriented Internet of Things Service Modeling Integrating with User Requirements. , 2020, , .		1
39	A Magneto-Heated Ferrimagnetic Sponge for Continuous Recovery of Viscous Crude Oil (<i>Adv. Mater.</i>) Tj ETQq1 1.0.784314 rgBT /O 21.0 1	1.0	1
40	H/sub âž/ robust control of high order system based on adaptive low order model with dead-time. , 0, , .		0
41	Hierarchical Modeling and Control of Discrete Event Control Systems based on Rule Description Method. , 2006, , .		0
42	A routing protocol based on interference-aware and channel-load in multi-radio multi-channel ad hoc networks. <i>Journal of Electronics</i> , 2010, 27, 772-780.	0.2	0
43	Adaptive threshold control for auto-rate fallback algorithm in IEEE 802.11 multi-rate WLANs. <i>International Journal of Electronics</i> , 2012, 99, 305-317.	1.4	0
44	The reliability algorithm based on binary neural networks. , 2013, , .		0
45	Modeling and verification of running process control for underground mine locomotive. <i>Computers and Electrical Engineering</i> , 2020, 87, 106790.	4.8	0
46	Modeling and Verification of Hospital Intelligent Diagnosis and Treatment Service Based on Timed Automata in Internet of Things. , 2020, , .		0
47	Hierarchical Formal Modeling of Internet of Things System Oriented to User Behavior. , 2020, , .		0
48	Intelligent Deep Adversarial Network Fault Diagnosis Method Using Semisupervised Learning. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	1.1	0