Shuai Ding

List of Publications by Year
in descending order

64 papers	2,093 citations	257450 24 h-index	243625 44 g-index
66 all docs	66 docs citations	66 times ranked	1849 citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Multimodal Semantic Fusion for Gastric Cancer Screening via Hierarchical Attention Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4286-4299.	9.3	7
2	Autonomous Multiple Instruments Tracking for Robot-Assisted Laparoscopic Surgery With Visual Tracking Space Vector Method. IEEE/ASME Transactions on Mechatronics, 2022, 27, 733-743.	5.8	24
3	Guided Activity Prediction for Minimally Invasive Surgery Safety Improvement in the Internet of Medical Things. IEEE Internet of Things Journal, 2022, 9, 4758-4768.	8.7	0
4	Multimodal Information Fusion Approach for Noncontact Heart Rate Estimation Using Facial Videos and Graph Convolutional Network. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	4
5	SIRNet: Fine-Grained Surgical Interaction Recognition. IEEE Robotics and Automation Letters, 2022, 7, 4212-4219.	5.1	7
6	Non-Contact Negative Mood State Detection Using Reliability-Focused Multi-Modal Fusion Model. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4691-4701.	6.3	1
7	SCNET: A Novel UGI Cancer Screening Framework Based on Semantic-Level Multimodal Data Fusion. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 143-151.	6.3	11
8	Unsupervised-Learning-Based Continuous Depth and Motion Estimation With Monocular Endoscopy for Virtual Reality Minimally Invasive Surgery. IEEE Transactions on Industrial Informatics, 2021, 17, 3920-3928.	11.3	25
9	MSCI: A multistate dataset for colposcopy image classification of cervical cancer screening. International Journal of Medical Informatics, 2021, 146, 104352.	3.3	22
10	<scp>HFSâ€LightGBM</scp>: A machine learning model based on hybrid feature selection for classifying <scp>ICU</scp> patient readmissions. Expert Systems, 2021, 38, e12658.	4.5	5
11	Deep Super-Resolution Network for rPPG Information Recovery and Noncontact Heart Rate Estimation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	18
12	Privacy-preserving Time-series Medical Images Analysis Using a Hybrid Deep Learning Framework. ACM Transactions on Internet Technology, 2021, 21, 1-21.	4.4	19
13	Performance-based salary distribution ratio in clinical departments of public hospitals based on improved DEA method. Journal of Computational Methods in Sciences and Engineering, 2021, 21, 1747-1755.	0.2	1
14	Automatic Acetowhite Lesion Segmentation via Specular Reflection Removal and Deep Attention Network. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3529-3540.	6.3	7
15	Predictive classification of ICU readmission using weight decay random forest. Future Generation Computer Systems, 2021, 124, 351-360.	7.5	14
16	A non-contact mental fatigue detection method for space medical experiment using multi-feature fusion model. , 2021, , .		0
17	Automatic CIN Grades Prediction of Sequential Cervigram Image Using LSTM With Multistate CNN Features. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 844-854.	6.3	26
18	A Novel Trust Model Based Overlapping Community Detection Algorithm for Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2101-2114.	5.7	20

#	ARTICLE	IF	CITATIONS
19	Heterogeneous ensemble learning with feature engineering for default prediction in peer-to-peer lending in China. World Wide Web, 2020, 23, 23-45.	4.0	14
20	Assessing the target-availability of China's investments for green growth using time series prediction. Physica A: Statistical Mechanics and Its Applications, 2020, 537, 122724.	2.6	9
21	Endoscopy report mining for intelligent gastric cancer screening. Expert Systems, 2020, 37, e12504.	4.5	0
22	Emotion Recognition from Facial Expressions and Contactless Heart Rate Using Knowledge Graph. , 2020, , .		5
23	Decision support for personalized hospital choice using the DEX hierarchical model with SMAA. Knowledge and Information Systems, 2020, 62, 3059-3082.	3.2	2
24	A homogeneous ensemble method for predicting gastric cancer based on gastroscopy reports. Expert Systems, 2020, 37, e12499.	4.5	4
25	Smart connected electronic gastroscope system for gastric cancer screening using multi-column convolutional neural networks. International Journal of Production Research, 2019, 57, 6795-6806.	7.5	29
26	An intelligent gastric cancer screening method based on convolutional neural network and support vector machine. International Journal of Computers and Applications, 2019, , 1-6.	1.3	2
27	Stabilization Algorithm Based on Improved Motion Model for Jittery Video in Minimally Invasive Surgery. , 2019, , .		2
28	Enhancing the Performance of Cuckoo Search Algorithm with Multi-Learning Strategies. IEICE Transactions on Information and Systems, 2019, E102.D, 1916-1924.	0.7	2
29	Default prediction in P2P lending from high-dimensional data based on machine learning. Physica A: Statistical Mechanics and Its Applications, 2019, 534, 122370.	2.6	46
30	Diabetic complication prediction using a similarity-enhanced latent Dirichlet allocation model. Information Sciences, 2019, 499, 12-24.	6.9	14
31	Smart electronic gastroscope system using a cloud–edge collaborative framework. Future Generation Computer Systems, 2019, 100, 395-407.	7.5	28
32	Adoption Intention of Fintech Services for Bank Users: An Empirical Examination with an Extended Technology Acceptance Model. Symmetry, 2019, 11, 340.	2.2	215
33	A graph-based algorithm for estimating clonal haplotypes of tumor sample from sequencing data. BMC Medical Genomics, 2019, 12, 27.	1.5	4
34	Improvement effect of improved particle algorithm on BP neural network cell detection model. Journal of Intelligent and Fuzzy Systems, 2019, 37, 6301-6313.	1.4	0
35	A Novel Dynamic Filed Tracking Algorithm of Mirror-holding Robot for Minimally Invasive Surgery. , 2019, , .		2
36	Blockchain-Based Medical Records Secure Storage and Medical Service Framework. Journal of Medical Systems, 2019, 43, 5.	3.6	300

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37	Exploring behavioural intentions toward smart healthcare services among medical practitioners: a technology transfer perspective. International Journal of Production Research, 2019, 57, 5801-5820.	7.5	58
38	Transfer learning-based default prediction model for consumer credit in China. Journal of Supercomputing, 2019, 75, 862-884.	3.6	22
39	Online pricing with bundling and coupon discounts. International Journal of Production Research, 2018, 56, 1773-1788.	7.5	27
40	Emotional Human-Machine Conversation Generation Based on Long Short-Term Memory. Cognitive Computation, 2018, 10, 389-397.	5.2	26
41	Time-aware cloud service recommendation using similarity-enhanced collaborative filtering and ARIMA model. Decision Support Systems, 2018, 107, 103-115.	5.9	95
42	Heterogeneous Ensemble for Default Prediction of Peer-to-Peer Lending in China. IEEE Access, 2018, 6, 54396-54406.	4.2	39
43	Exploring diffusion strategies for mHealth promotion using evolutionary game model. Applied Mathematics and Computation, 2018, 336, 148-161.	2.2	35
44	Smart community evaluation for sustainable development using a combined analytical framework. Journal of Cleaner Production, 2018, 193, 158-168.	9.3	19
45	Risk Analysis and Enhancement of Cooperation Yielded by the Individual Reputation in the Spatial Public Goods Game. IEEE Systems Journal, 2017, 11, 1516-1525.	4.6	108
46	Multi-objective optimization based ranking prediction for cloud service recommendation. Decision Support Systems, 2017, 101, 106-114.	5.9	35
47	Utilizing customer satisfaction in ranking prediction for personalized cloud service selection. Decision Support Systems, 2017, 93, 1-10.	5.9	87
48	An improved public goods game model with reputation effect on the spatial lattices. Chaos, Solitons and Fractals, 2016, 93, 130-135.	5.1	28
49	Trust-Enhanced Cloud Service Selection Model Based on QoS Analysis. PLoS ONE, 2015, 10, e0143448.	2.5	18
50	How to analytically characterize the epidemic threshold within the coupled disease–behavior systems?. Physics of Life Reviews, 2015, 15, 32-34.	2.8	2
51	An evaluation method for innovation capability based on uncertain linguistic variables. Applied Mathematics and Computation, 2015, 256, 160-174.	2.2	32
52	Energy conservation and emission reduction of China's electric power industry. Renewable and Sustainable Energy Reviews, 2015, 45, 10-19.	16.4	112
53	Inferring to individual diversity promotes the cooperation in the spatial prisoner's dilemma game. Chaos, Solitons and Fractals, 2015, 71, 91-99.	5.1	14
54	2-Additive Capacity Identification Methods From Multicriteria Correlation Preference Information. IEEE Transactions on Fuzzy Systems, 2015, 23, 2094-2106.	9.8	38

#	Article	IF	Citations
55	Scientometric cognitive and evaluation on smart city related construction and building journals data. Scientometrics, 2015, 105, 449-470.	3.0	8
56	Evolution of cooperation in the traveler's dilemma game on two coupled lattices. Applied Mathematics and Computation, 2014, 246, 389-398.	2.2	71
57	Promotion of cooperation due to diversity of players in the spatial public goods game with increasing neighborhood size. Physica A: Statistical Mechanics and Its Applications, 2014, 406, 145-154.	2.6	77
58	Combining QoS prediction and customer satisfaction estimation to solve cloud service trustworthiness evaluation problems. Knowledge-Based Systems, 2014, 56, 216-225.	7.1	113
59	QoS-aware resource matching and recommendation for cloud computing systems. Applied Mathematics and Computation, 2014, 247, 941-950.	2.2	26
60	Decision Support for Personalized Cloud Service Selection through Multi-Attribute Trustworthiness Evaluation. PLoS ONE, 2014, 9, e97762.	2.5	35
61	A method of minimum reusability estimation for automated software testing. Journal of Shanghai Jiaotong University (Science), 2013, 18, 360-365.	0.9	3
62	A software trustworthiness evaluation model using objective weight based evidential reasoning approach. Knowledge and Information Systems, 2012, 33, 171-189.	3.2	16
63	Spatial prisoner's dilemma games with increasing size of the interaction neighborhood on regular lattices. Science Bulletin, 2012, 57, 724-728.	1.7	48
64	Research on Evaluation Index System of Trusted Software. , 2008, , .		1