

Ji-Jiang Yang

List of Publications by Year in descending order

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63
papers

1,348
citations

567281

15
h-index

454955

30
g-index

64
all docs

64
docs citations

64
times ranked

1352
citing authors

#	ARTICLE	IF	CITATIONS
1	A computer-aided system for ocular myasthenia gravis diagnosis. Tsinghua Science and Technology, 2021, 26, 749-758.	6.1	12
2	Comparison of Different Machine Learning Approaches to Predict Small for Gestational Age Infants. IEEE Transactions on Big Data, 2020, 6, 334-346.	6.1	20
3	WCP-RNN: a novel RNN-based approach for Bio-NER in Chinese EMRs. Journal of Supercomputing, 2020, 76, 1450-1467.	3.6	37
4	Effective large for gestational age prediction using machine learning techniques with monitoring biochemical indicators. Journal of Supercomputing, 2020, 76, 6219-6237.	3.6	26
5	Knowledge-Enhanced Relation Extraction for Chinese EMRs. IT Professional, 2020, 22, 57-62.	1.5	8
6	Automated identification of cataract severity using retinal fundus images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2020, 8, 691-698.	1.9	14
7	Diagnosis and Knowledge Discovery of Turner Syndrome Based on Facial Images Using Machine Learning Methods. IEEE Access, 2020, 8, 214866-214881.	4.2	4
8	Performance of deep neural network-based artificial intelligence method in diabetic retinopathy screening: a systematic review and meta-analysis of diagnostic test accuracy. European Journal of Endocrinology, 2020, 183, 41-49.	3.7	36
9	Turner Syndrome Prognosis with Facial Features Extraction and Selection Schemes. Lecture Notes in Electrical Engineering, 2020, , 72-78.	0.4	2
10	Enhanced Intelligence Using Collective Data Augmentation for CNN Based Cataract Detection. Lecture Notes in Electrical Engineering, 2020, , 148-160.	0.4	2
11	Comparative Analysis of Vessel Segmentation Techniques in Retinal Images. IEEE Access, 2019, 7, 114862-114887.	4.2	76
12	Multi-Scale Network with the Deeper and Wider Residual Block for MRI Motion Artifact Correction. , 2019, , .		2
13	An Improved Semi-Supervised Learning Method on Cataract Fundus Image Classification. , 2019, , .		11
14	Semi-Automatic Construction Method of Chronic Obstructive Pulmonary Disease Knowledge Graph. , 2019, , .		0
15	Drug Specification Named Entity Recognition Base on BiLSTM-CRF Model. , 2019, , .		5
16	Photographic Analysis and Machine Learning for Diagnostic Prediction of Adenoid Hypertrophy. , 2019, , .		2
17	Interpretable Learning: A Result-Oriented Explanation for Automatic Cataract Detection. Lecture Notes in Electrical Engineering, 2019, , 296-306.	0.4	2
18	An Investigation about Gene Modules Associated with hDPSC Differentiation for Adolescents. Stem Cells International, 2019, 2019, 1-8.	2.5	0

#	ARTICLE	IF	CITATIONS
19	Cataract Detection and Grading with Retinal Images Using SOM-RBF Neural Network. , 2019, , .		22
20	Diagnosis of Large for Gestational Age Fetus with an Expert-Driven Feature Selection Scheme. , 2019, , .		3
21	The effect of interaction between EtOH dosage and exposure time on gene expression in DPSC. Genomics, 2019, 111, 500-507.	2.9	2
22	Application of Weighted Gene Co-expression Network Analysis for Data from Paired Design. Scientific Reports, 2018, 8, 622.	3.3	120
23	Multiple facial image features-based recognition for the automatic diagnosis of turner syndrome. Computers in Industry, 2018, 100, 85-95.	9.9	16
24	Differentially Variable Genes of Oral Squamous Cell Carcinoma. , 2018, , .		1
25	Automatic Cataract Diagnosis by Image-Based Interpretability. , 2018, , .		21
26	Vessel Recognition of Retinal Fundus Images Based on Fully Convolutional Network. , 2018, , .		8
27	Development of a computer-aided tool for the pattern recognition of facial features in diagnosing Turner syndrome: comparison of diagnostic accuracy with clinical workers. Scientific Reports, 2018, 8, 9317.	3.3	16
28	Re-Structuring and Specific Similarity Computation of Electronic Medical Records. , 2017, , .		1
29	Enforcing Differential Privacy for Shared Collaborative Filtering. IEEE Access, 2017, 5, 35-49.	4.2	28
30	Identify Biological Modules and Hub MiRNAs for Oral Squamous Cell Carcinomas. , 2017, , .		0
31	Classification of cataract fundus image based on deep learning. , 2017, , .		54
32	Gene Network Modules Associated to DPSCs Differentiation. , 2017, , .		0
33	SLC25A36 and ZFAND5 Expression Levels Altered by the Interaction of EtOH Dosage and Exposure Time in Human Dental Pulp Stem Cells. , 2017, , .		1
34	Alcohol-Induced Differential Variable Genes. , 2017, , .		0
35	Application of SVM based on genetic algorithm in classification of cataract fundus images. , 2017, , .		30
36	Exploiting collaborative learning for concept extraction in the medical field. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	Risk Factors Selection for SGA Prediction. , 2016, , .		1
38	Privacy Challenges and Goals in mHealth Systems. Advances in Computers, 2016, 102, 47-62.	1.6	1
39	A data-driven approach to predict Small-for-Gestational-Age infants. , 2016, , .		2
40	Exploiting ensemble learning for automatic cataract detection and grading. Computer Methods and Programs in Biomedicine, 2016, 124, 45-57.	4.7	124
41	SVM Based Predictive Model for SGA Detection. Lecture Notes in Computer Science, 2016, , 59-68.	1.3	1
42	Principal component analysis based cataract grading and classification. , 2015, , .		12
43	Emerging information technologies for enhanced healthcare. Computers in Industry, 2015, 69, 3-11.	9.9	123
44	Diversity-aware retrieval of medical records. Computers in Industry, 2015, 69, 81-91.	9.9	41
45	Research of EEG change feature under +Gz acceleration. Computers in Industry, 2015, 70, 144-152.	9.9	1
46	A hybrid solution for privacy preserving medical data sharing in the cloud environment. Future Generation Computer Systems, 2015, 43-44, 74-86.	7.5	222
47	Dynamic evaluation model of coronary heart disease for ubiquitous healthcare. Computers in Industry, 2015, 69, 35-44.	9.9	7
48	A computer-aided healthcare system for cataract classification and grading based on fundus image analysis. Computers in Industry, 2015, 69, 72-80.	9.9	102
49	Current Electronic Medical Record in China. , 2014, , .		3
50	PriDaC: Privacy Preserving Data Collection in Sensor Enabled RFID Based Healthcare Services. , 2014, , .		7
51	Using Knowledge Management and Mhealth in High-Risk Pregnancy Care: A Case for the Floating Population in China. , 2014, , .		3
52	SPTP: A Trust Management Protocol for Online and Ubiquitous Systems. , 2014, , .		3
53	Exploiting semantic linkages among multiple sources for semantic information retrieval. Enterprise Information Systems, 2014, 8, 464-489.	4.7	19
54	Classification of retinal image for automatic cataract detection. , 2013, , .		37

#	ARTICLE	IF	CITATIONS
55	A top-down approach for approximate data anonymisation. Enterprise Information Systems, 2013, 7, 272-302.	4.7	20
56	Framework Design and Case Study for Privacy-Preserving Medical Data Publishing. International Journal of E-Health and Medical Communications, 2013, 4, 48-65.	1.6	2
57	Privacy-Preserving Data Publishing for Free Text Chinese Electronic Medical Records. , 2012, , .		6
58	A framework for privacy-preserving healthcare data sharing. , 2012, , .		7
59	An Intelligent Information System for Maternal and Child Health Care. , 2011, , .		3
60	A Cooperative Framework of Service Chain for Digital Library. , 2009, , .		1
61	A method for semantic performance modeling in extended enterprise. , 2009, , .		1
62	A method of supply chain's benefit distribution based on modified nash negotiation model. , 2008, , .		0
63	Feature selection and prediction of small-for-gestational-age infants. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	15