Guo-Zheng Li

List of Publications by Year
in descending order

111	1,882	236612	315357
papers	citations	25 h-index	38 g-index

113	113	113	1713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Question Answering System Based on Knowledge Graph in Traditional Chinese Medicine Diagnosis and Treatment of Viral Hepatitis B. BioMed Research International, 2022, 2022, 1-8.	0.9	11
2	Leveraging a Joint learning Model to Extract Mixture Symptom Mentions from Traditional Chinese Medicine Clinical Notes. BioMed Research International, 2022, 2022, 1-7.	0.9	2
3	Analysis of the characteristics of hepatitis B in various regions of China from 2009 to 2011 and the analysis of TCM diagnosis and treatment plans. , 2021, , .		1
4	Incomplete label distribution learning based on supervised neighborhood information. International Journal of Machine Learning and Cybernetics, 2020, 11, 111-121.	2.3	11
5	End-to-End Models to Imitate Traditional Chinese Medicine Syndrome Differentiation in Lung Cancer Diagnosis: Model Development and Validation. JMIR Medical Informatics, 2020, 8, e17821.	1.3	19
6	Analysis of Professor Lei Zhangâ€™s Medical Records of Banxia XieXin Decoction Analogous Prescriptions Based on Principle of attribute partial ordering. , 2020, , .		0
7	Research on the synergy law of Pinellia tuber and Golden thread by improved association rule algorithm. , 2020, , .		0
8	Summarizing Professor Lei Zhang's Therapeutic Experience of Dyspnea Disease Based on Machine Learning. , 2020, , .		1
9	A comprehensive study on color correction for medical facial images. International Journal of Machine Learning and Cybernetics, 2019, 10, 935-947.	2.3	2
10	A novel multi-target regression framework for time-series prediction of drug efficacy. Scientific Reports, 2017, 7, 40652.	1.6	26
11	Analysis and Modeling for Big Data in Cancer Research. BioMed Research International, 2017, 2017, 1-2.	0.9	5
12	A hybrid iterative approach for microarray missing value estimation. , 2016, , .		0
13	A study of damp-heat syndrome classification using Word2vec and TF-IDF. , 2016, , .		19
14	Prediction of the efficacy of Wuji Pills by machine learning methods. , 2016, , .		1
15	Comparing of feature selection and classification methods on report-based subhealth data. , 2016, , .		2
16	Facial Color Management for Mobile Health in the Wild. IEEE Transactions on Nanobioscience, 2016, 15, 316-327.	2.2	1
17	Classification of facial diagnosis gloss in Chinese medicine based on different algorithms. Chinese Journal of Integrative Medicine, 2016, , 1.	0.7	0
18	Facial color management for mobile health in the wild. , 2015, , .		1

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19	Patient classification of hypertension in Traditional Chinese Medicine using multi-label learning techniques. BMC Medical Genomics, 2015, 8, S4.	0.7	10
20	A hybrid imputation approach for microarray missing value estimation. BMC Genomics, 2015, 16, S1.	1.2	16
21	Multi-location gram-positive and gram-negative bacterial protein subcellular localization using gene ontology and multi-label classifier ensemble. BMC Bioinformatics, 2015, 16, S1.	1.2	38
22	Cough event classification by pretrained deep neural network. BMC Medical Informatics and Decision Making, 2015, 15, S2.	1.5	28
23	High Mean Water Vapour Pressure Promotes the Transmission of Bacillary Dysentery. PLoS ONE, 2015, 10, e0124478.	1.1	6
24	Syndrome Differentiation Analysis on Mars500 Data of Traditional Chinese Medicine. Scientific World Journal, The, 2015, 2015, 1-9.	0.8	6
25	ISMAC: An Intelligent System for Customized Clinical Case Management and Analysis. Scientific World Journal, The, 2015, 2015, 1-12.	0.8	1
26	Advances in Patient Classification for Traditional Chinese Medicine: A Machine Learning Perspective. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-18.	0.5	55
27	MultiP-SChlo: multi-label protein subchloroplast localization prediction with Chouâ€™s pseudo amino acid composition and a novel multi-label classifier. Bioinformatics, 2015, 31, 2639-2645.	1.8	115
28	Audio signals encoding for cough classification using convolutional neural networks: A comparative study. , 2015, , .		7
29	Triple imputation for microarray missing value estimation. , 2015, , .		0
30	Big data is essential for further development of integrative medicine. Chinese Journal of Integrative Medicine, 2015, 21, 323-331.	0.7	5
31	Qualitative and Quantitative Analysis for Facial Complexion in Traditional Chinese Medicine. BioMed Research International, 2014, 2014, 1-17.	0.9	18
32	Semi-supervised imputation for microarray missing value estimation. , 2014, , .		8
33	MultiP-SChlo: Multi-label protein subchloroplast localization prediction. , 2014, , .		1
34	Cough detection using deep neural networks. , 2014, , .		29
35	Development and psychometric validation of the Chinese version of Skindex-29 and Skindex-16. Health and Quality of Life Outcomes, 2014, 12, 190.	1.0	23
36	Computerized tongue image segmentation via the double geo-vector flow. Chinese Medicine, 2014, 9, 7.	1.6	20

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37	Dimension Reduction for p53 Protein Recognition by Using Incremental Partial Least Squares. IEEE Transactions on Nanobioscience, 2014, 13, 73-79.	2.2	4
38	Scientific computation of big data in real-world clinical research. Frontiers of Medicine, 2014, 8, 310-315.	1.5	7
39	Incremental partial least squares analysis of big streaming data. Pattern Recognition, 2014, 47, 3726-3735.	5.1	58
40	Application of metabolomics on diagnosis and treatment of patients with psoriasis in traditional Chinese medicine. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 280-288.	1.1	36
41	Supervised redundant feature detection for tumor classification. BMC Medical Genomics, 2014, 7, S5.	0.7	5
42	Medical Diagnosis by Using Machine Learning Techniques. , 2014, , 39-79.		3
43	C2G2FSnake: automatic tongue image segmentation utilizing prior knowledge. Science China Information Sciences, 2013, 56, 1-14.	2.7	18
44	Symptom selection for multi-label data of inquiry diagnosis in traditional Chinese medicine. Science China Information Sciences, 2013, 56, 1-13.	2.7	49
45	Cough signal recognition with Gammatone Cepstral Coefficients. , 2013, , .		21
46	Dimension reduction for p53 protein recognition by using incremental partial least squares. , 2013, , .		0
47	Automated skin biopsy histopathological image annotation using multi-instance representation and learning. BMC Medical Genomics, 2013, 6, S10.	0.7	21
48	Clinical multi-label free text classification by exploiting disease label relation. , 2013, , .		12
49	Multilabel Learning via Random Label Selection for Protein Subcellular Multilocations Prediction. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 436-446.	1.9	30
50	Customized management of clinical data in traditional Chinese medicine. , 2013, , .		0
51	Virus-ECC-mPLoc: A Multi-Label Predictor for Predicting the Subcellular Localization of Virus Proteins with Both Single and Multiple Sites Based on a General Form of Chou's Pseudo Amino Acid Composition. Protein and Peptide Letters, 2013, 20, 309-317.	0.4	16
52	A similarity based learning framework for interim analysis of outcome prediction of acupuncture for neck pain. International Journal of Data Mining and Bioinformatics, 2013, 8, 381.	0.1	12
53	Virus-ECC-mPLoc: A Multi-Label Predictor for Predicting the Subcellular Localization of Virus Proteins with Both Single and Multiple Sites Based on a General Form of Chou's Pseudo Amino Acid Composition. Protein and Peptide Letters, 2013, 20, 309-317.	0.4	36
54	Intelligent ZHENG Classification of Hypertension Depending on ML-kNN and Information Fusion. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-5.	0.5	28

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55	Multilabel Learning for Protein Subcellular Location Prediction. IEEE Transactions on Nanobioscience, 2012, 11, 237-243.	2.2	17
56	Embedded Feature Selection for Multi-label Classification of Music Emotions. International Journal of Computational Intelligence Systems, 2012, 5, 668.	1.6	33
57	A novel tongue segmentation approach utilizing double geodesic flow. , 2012, , .		6
58	Computer-assisted lip diagnosis on traditional Chinese medicine using multi-class support vector machines. BMC Complementary and Alternative Medicine, 2012, 12, 127.	3.7	48
59	Inquiry diagnosis of coronary heart disease in Chinese medicine based on symptom-syndrome interactions. Chinese Medicine, 2012, 7, 9.	1.6	28
60	Model selection for partial least squares based dimension reduction. Pattern Recognition Letters, 2012, 33, 524-529.	2.6	8
61	A Multi-Label Predictor for Identifying the Subcellular Locations of Singleplex and Multiplex Eukaryotic Proteins. PLoS ONE, 2012, 7, e36317.	1.1	38
62	Machine Learning for Clinical Data Processing. , 2012, , 875-897.		1
63	Feature selection for multi-class problems by using pairwise-class and all-class techniques. International Journal of General Systems, 2011, 40, 381-394.	1.2	13
64	Multi-label Learning for Protein Subcellular Location Prediction. , 2011, , .		2
65	MAPLSC: A novel multi-class classifier for medical diagnosis. International Journal of Data Mining and Bioinformatics, 2011, 5, 383.	0.1	26
66	Balance-bagging-PRFS algorithm for feature optimization on insomnia data intervened by traditional Chinese Medicine. , 2011, , .		2
67	Special issue on massive data processing by using machine learning. International Journal of General Systems, 2011, 40, 351-354.	1.2	2
68	Modelling of inquiry diagnosis for coronary heart disease in traditional Chinese medicine by using multi-label learning. BMC Complementary and Alternative Medicine, 2010, 10, 37.	3.7	81
69	An asymmetric classifier based on partial least squares. Pattern Recognition, 2010, 43, 3448-3457.	5.1	48
70	Sparse Representation for Face Verification in Social Insurance System. , 2010, , .		0
71	Symptom selection of inquiry diagnosis data for coronary heart disease in Traditional Chinese Medicine by using social network techniques. , 2010, , .		2
72	Gloss Feature Extraction for Surface Examination in Traditional Chinese Medicine. , 2010, , .		1

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73	Multi-class feature selection using Pairwise-class and All-class techniques. , 2010, , .		3
74	Gene selection by using an improved Fast Correlation-Based Filter. , 2010, , .		4
75	A TCM Platform for Maters' Experience Sharing. , 2009, , .		6
76	AN ENHANCED LIPSCHITZ EMBEDDING CLASSIFIER FOR MULTI-EMOTION SPEECH ANALYSIS. International Journal of Pattern Recognition and Artificial Intelligence, 2009, 23, 1685-1700.	0.7	5
77	Feature Selection for Partial Least Square Based Dimension Reduction. Studies in Computational Intelligence, 2009, , 3-37.	0.7	9
78	Combining support vector regression with feature selection for multivariate calibration. Neural Computing and Applications, 2009, 18, 813-820.	3.2	24
79	QSPR Study of nâ€Octanol/Water Partition Coefficient of Some Aromatic Compounds Using Support Vector Regression. QSAR and Combinatorial Science, 2009, 28, 175-182.	1.5	21
80	Predicting toxic action mechanisms of phenols using AdaBoost Learner. Chemometrics and Intelligent Laboratory Systems, 2009, 96, 43-48.	1.8	24
81	Redundant Gene Selection Based on Particle Swarm Optimization. , 2009, , .		1
82	Irrelevant gene elimination for Partial Least Squares based Dimension Reduction by using feature probes. International Journal of Data Mining and Bioinformatics, 2009, 3, 85.	0.1	15
83	Using AdaBoost for the prediction of subcellular location of prokaryotic and eukaryotic proteins. Molecular Diversity, 2008, 12, 41-45.	2.1	58
84	Feature selection for co-training. Journal of Shanghai University, 2008, 12, 47-51.	0.1	3
85	Asymmetric bagging and feature selection for activities prediction of drug molecules. BMC Bioinformatics, 2008, 9, S7.	1.2	33
86	Dimension reduction with redundant gene elimination for tumor classification. BMC Bioinformatics, 2008, 9, S8.	1.2	23
87	Improving prediction accuracy of tumor classification by reusing genes discarded during gene selection. BMC Genomics, 2008, 9, S3.	1.2	10
88	Selecting subsets of newly extracted features from PCA and PLS in microarray data analysis. BMC Genomics, 2008, 9, S24.	1.2	31
89	Embedded Gene Selection for Imbalanced Microarray Data Analysis. , 2008, , .		3
90	Using Rough Reducts Based SVM Ensemble for SAR of the Ethofenprox Analogous of Pesticide. , 2008, , .		0

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91	Predicting Subcellular Localization with AdaBoost Learner. Protein and Peptide Letters, 2008, 15, 286-289.	0.4	54
92	Improving prediction accuracy of drug activities by utilising unlabelled instances with feature selection. International Journal of Computational Biology and Drug Design, 2008, 1, 1.	0.3	6
93	Predicting Membrane Protein Types with Bagging Learner. Protein and Peptide Letters, 2008, 15, 590-594.	0.4	27
94	Support Vector Regression with Feature Selection for the Multivariate Calibration of Spectrofluorimetric Determination of Aromatic Amino Acids. , 2007, , .		0
95	Feature Selection and Partial Least Squares Based Dimension Reduction for Tumor Classification. , 2007, , .		1
96	Asymmetric Bagging and Feature Selection for ActivitiesPrediction of Drug Molecules. , 2007, , .		0
97	Partial Least Squares Based Dimension Reduction with Gene Selection for Tumor Classification. , 2007, , .		18
98	Support vector machine for SAR/QSAR of phenethyl-amines. Acta Pharmacologica Sinica, 2007, 28, 1075-1086.	2.8	31
99	Asymmetric Bagging and Feature Selection for ActivitiesPrediction of Drug Molecules. , 2007, , .		0
100	Degree prediction of malignancy in brain glioma using support vector machines. Computers in Biology and Medicine, 2006, 36, 313-325.	3.9	66
101	Support vector machine method for forecasting future strong earthquakes in Chinese mainland. Acta Seismologica Sinica, 2006, 19, 30-38.	0.2	2
102	Prediction of malignancy degree in brain glioma using selective neural networks ensemble. Journal of Shanghai University, 2006, 10, 244-246.	0.1	2
103	Predicting Protein Structural Class with AdaBoost Learner. Protein and Peptide Letters, 2006, 13, 489-492.	0.4	103
104	Classification of Brain Glioma by Using SVMs Bagging with Feature Selection. Lecture Notes in Computer Science, 2006, , 124-130.	1.0	10
105	Feature Selection for Bagging of Support Vector Machines. Lecture Notes in Computer Science, 2006, , 271-277.	1.0	10
106	Estimation of the Future Earthquake Situation by Using Neural Networks Ensemble. Lecture Notes in Computer Science, 2006, , 1231-1236.	1.0	3
107	Semiempirical Quantum Chemical Method and Artificial Neural Networks Applied for Î»maxComputation of Some Azo Dyes. Journal of Chemical Information and Computer Sciences, 2004, 44, 2047-2050.	2.8	24
108	Feature Selection for Multi-class Problems Using Support Vector Machines. Lecture Notes in Computer Science, 2004, , 292-300.	1.0	24

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109	On Multivariate Calibration Problems. Lecture Notes in Computer Science, 2004, , 389-394.	1.0	3
110	Feature Selection for Ensemble Learning and Its Application. , 0, , 135-155.		4
111	Machine Learning for Clinical Data Processing. Advances in Digital Crime, Forensics, and Cyber Terrorism, 0, , 193-215.	0.4	1