

Ya-Han Hu

List of Publications by Year in descending order

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77
papers

3,170
citations

257357

24
h-index

161767

54
g-index

82
all docs

82
docs citations

82
times ranked

3055
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of solutions for handling incomplete online review datasets with missing values. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2022, 34, 971-987.	1.8	1
2	A dynamic time warping approach for handling class imbalanced medical datasets with missing values: A case study of protein localization site prediction. <i>Expert Systems With Applications</i> , 2022, 192, 116437.	4.4	3
3	Early Prediction of Functional Outcomes After Acute Ischemic Stroke Using Unstructured Clinical Text: Retrospective Cohort Study. <i>JMIR Medical Informatics</i> , 2022, 10, e29806.	1.3	6
4	Empirical comparison of supervised learning techniques for missing value imputation. <i>Knowledge and Information Systems</i> , 2022, 64, 1047-1075.	2.1	13
5	Predicting the Risk of Future Multiple Suicide Attempt among First-Time Suicide Attempters: Implications for Suicide Prevention Policy. <i>Healthcare (Switzerland)</i> , 2022, 10, 667.	1.0	0
6	Combining feature selection, instance selection, and ensemble classification techniques for improved financial distress prediction. <i>Journal of Business Research</i> , 2021, 130, 200-209.	5.8	29
7	Developing a stroke alert trigger for clinical decision support at emergency triage using machine learning. <i>International Journal of Medical Informatics</i> , 2021, 152, 104505.	1.6	15
8	Natural Language Processing Enhances Prediction of Functional Outcome After Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2021, 10, e023486.	1.6	12
9	A Machine Learning Approach to Predicting Readmission or Mortality in Patients Hospitalized for Stroke or Transient Ischemic Attack. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6337.	1.3	15
10	Constructing Inpatient Pressure Injury Prediction Models Using Machine Learning Techniques. <i>CIN - Computers Informatics Nursing</i> , 2020, 38, 415-423.	0.3	18
11	Machine Learning in High-Alert Medication Treatment: A Study on the Cardiovascular Drug. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5798.	1.3	4
12	Integrating Feature and Instance Selection Techniques in Opinion Mining. <i>International Journal of Data Warehousing and Mining</i> , 2020, 16, 168-182.	0.4	5
13	EMR-Based Phenotyping of Ischemic Stroke Using Supervised Machine Learning and Text Mining Techniques. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2922-2931.	3.9	38
14	Improving text summarization of online hotel reviews with review helpfulness and sentiment. <i>Tourism Management</i> , 2020, 80, 104122.	5.8	79
15	Critical Predictors for the Early Detection of Conversion From Unipolar Major Depressive Disorder to Bipolar Disorder: Nationwide Population-Based Retrospective Cohort Study. <i>JMIR Medical Informatics</i> , 2020, 8, e14278.	1.3	9
16	Two Decades of Research Using Taiwan's National Health Insurance Claims Data: Bibliometric and Text Mining Analysis on PubMed. <i>Journal of Medical Internet Research</i> , 2020, 22, e18457.	2.1	25
17	Determinants of Use of Long-term Continuous Electrocardiographic Monitoring for Acute Ischemic Stroke Patients without Atrial Fibrillation at Baseline. <i>Current Neurovascular Research</i> , 2020, 17, 224-231.	0.4	0
18	Under-sampling class imbalanced datasets by combining clustering analysis and instance selection. <i>Information Sciences</i> , 2019, 477, 47-54.	4.0	203

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19	High Risk of One-year Stroke Recurrence in Patients with Younger Age and Prior History of Ischemic Stroke. <i>Current Neurovascular Research</i> , 2019, 16, 250-257.	0.4	9
20	Prediction Model of Early Return to Hospital after Discharge Following Acute Ischemic Stroke. <i>Current Neurovascular Research</i> , 2019, 16, 348-357.	0.4	2
21	Applying natural language processing techniques to develop a task-specific EMR interface for timely stroke thrombolysis: A feasibility study. <i>International Journal of Medical Informatics</i> , 2018, 112, 149-157.	1.6	27
22	Assessing the helpfulness of online hotel reviews: A classification-based approach. <i>Telematics and Informatics</i> , 2018, 35, 436-445.	3.5	118
23	Predicting the prolonged length of stay of general surgery patients: a supervised learning approach. <i>International Transactions in Operational Research</i> , 2018, 25, 75-90.	1.8	28
24	Risk stratification for the early diagnosis of borderline personality disorder using psychiatric comorbidities. <i>Microbial Biotechnology</i> , 2018, 12, 605-612.	0.9	10
25	Prediction of Preoperative Blood Preparation for Orthopedic Surgery Patients: A Supervised Learning Approach. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1559.	1.3	7
26	Considering online consumer reviews to predict movie box-office performance between the years 2009 and 2014 in the US. <i>Electronic Library</i> , 2018, 36, 1010-1026.	0.8	17
27	Improvement of Adequate Digoxin Dosage: An Application of Machine Learning Approach. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-9.	1.1	26
28	Predicting the Failure of Dental Implants Using Supervised Learning Techniques. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 698.	1.3	11
29	The effect of user-controllable filters on the prediction of online hotel reviews. <i>Information and Management</i> , 2017, 54, 728-744.	3.6	60
30	Soft estimation by hierarchical classification and regression. <i>Neurocomputing</i> , 2017, 234, 27-37.	3.5	8
31	Developing a novel recommender network-based ranking mechanism for library book acquisition. <i>Electronic Library</i> , 2017, 35, 50-68.	0.8	8
32	Applying the Temporal Abstraction Technique to the Prediction of Chronic Kidney Disease Progression. <i>Journal of Medical Systems</i> , 2017, 41, 85.	2.2	16
33	Predicting return visits to the emergency department for pediatric patients: Applying supervised learning techniques to the Taiwan National Health Insurance Research Database. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 144, 105-112.	2.6	22
34	Clustering-based undersampling in class-imbalanced data. <i>Information Sciences</i> , 2017, 409-410, 17-26.	4.0	503
35	Opinion mining from online hotel reviews – A text summarization approach. <i>Information Processing and Management</i> , 2017, 53, 436-449.	5.4	219
36	Comorbidity study of borderline personality disorder: applying association rule mining to the Taiwan national health insurance research database. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 8.	1.5	63

#	ARTICLE	IF	CITATIONS
37	Validation of a novel claims-based stroke severity index in patients with intracerebral hemorrhage. <i>Journal of Epidemiology</i> , 2017, 27, 24-29.	1.1	47
38	Stroke severity may predict causes of readmission within one year in patients with first ischemic stroke event. <i>Journal of the Neurological Sciences</i> , 2017, 372, 21-27.	0.3	28
39	Early versus Late Dimensionality Reduction of Bag-of-Words Feature Representation for Image Classification. , 2017, , .		0
40	A comparison of stroke severity proxy measures for claims data research: a population-based cohort study. <i>Pharmacoepidemiology and Drug Safety</i> , 2016, 25, 438-443.	0.9	19
41	The effect of region segmentation on object categorization. , 2016, , .		0
42	Validity of a stroke severity index for administrative claims data research: a retrospective cohort study. <i>BMC Health Services Research</i> , 2016, 16, 509.	0.9	65
43	Applying machine learning techniques to the identification of late-onset hypogonadism in elderly men. <i>SpringerPlus</i> , 2016, 5, 729.	1.2	6
44	Predicting hotel review helpfulness: The impact of review visibility, and interaction between hotel stars and review ratings. <i>International Journal of Information Management</i> , 2016, 36, 929-944.	10.5	152
45	Research impact of general and funded papers. <i>Online Information Review</i> , 2016, 40, 472-480.	2.2	5
46	Building an associative classifier with multiple minimum supports. <i>SpringerPlus</i> , 2016, 5, 528.	1.2	11
47	Exploring the impact of intravenous thrombolysis on length of stay for acute ischemic stroke: a retrospective cohort study. <i>BMC Health Services Research</i> , 2015, 15, 404.	0.9	11
48	Predicting Factors and Risk Stratification for Return Visits to the Emergency Department Within 72 Hours in Pediatric Patients. <i>Pediatric Emergency Care</i> , 2015, 31, 819-824.	0.5	23
49	On mining incomplete medical datasets: Ordering imputation and classification. <i>Technology and Health Care</i> , 2015, 23, 619-625.	0.5	0
50	The Identification of Prolonged Length of Stay for Surgery Patients. , 2015, , .		8
51	Developing a stroke severity index based on administrative data was feasible using data mining techniques. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1292-1300.	2.4	111
52	An efficient data preprocessing approach for large scale medical data mining. <i>Technology and Health Care</i> , 2015, 23, 153-160.	0.5	10
53	A novel approach for mining cyclically repeated patterns with multiple minimum supports. <i>Applied Soft Computing Journal</i> , 2015, 28, 90-99.	4.1	9
54	Factors affecting rocchioâ€based pseudorelevance feedback in image retrieval. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 40-57.	1.5	3

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55	Predicting customer churn from valuable B2B customers in the logistics industry: a case study. Information Systems and E-Business Management, 2015, 13, 475-494.	2.2	52
56	Customer segmentation issues and strategies for an automobile dealership with two clustering techniques. Expert Systems, 2015, 32, 65-76.	2.9	25
57	Two-stage credit rating prediction using machine learning techniques. Kybernetes, 2014, 43, 1098-1113.	1.2	18
58	Discovering valuable frequent patterns based on RFM analysis without customer identification information. Knowledge-Based Systems, 2014, 61, 76-88.	4.0	64
59	Citation impact analysis of research papers that appear in oral and poster sessions. Online Information Review, 2014, 38, 738-745.	2.2	7
60	A Borda count approach to combine subjective and objective based MIS journal rankings. Online Information Review, 2014, 38, 469-483.	2.2	14
61	An empirical study on the factors influencing the turnover intention of dentists in hospitals in Taiwan. Journal of Dental Sciences, 2014, 9, 332-344.	1.2	21
62	Developing early warning systems to predict students'™ online learning performance. Computers in Human Behavior, 2014, 36, 469-478.	5.1	205
63	Knowledge discovery of weighted RFM sequential patterns from customer sequence databases. Journal of Systems and Software, 2013, 86, 779-788.	3.3	27
64	An efficient tree-based algorithm for mining sequential patterns with multiple minimum supports. Journal of Systems and Software, 2013, 86, 1224-1238.	3.3	26
65	An adaptable and scalable group access control scheme for managing wireless sensor networks. Telematics and Informatics, 2013, 30, 144-157.	3.5	8
66	Predicting warfarin dosage from clinical data: A supervised learning approach. Artificial Intelligence in Medicine, 2012, 56, 27-34.	3.8	43
67	Machine Learning in Financial Crisis Prediction: A Survey. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 421-436.	3.3	173
68	Dynamic access control for secure group communication in wireless sensor networks. , 2011, , .		1
69	Decision Support in Library Book Acquisition: A Social Computing-Based Approach. , 2011, , .		0
70	Mining cyclic patterns with multiple minimum repetition supports. , 2011, , .		4
71	Mining sequential patterns in the B2B environment. Journal of Information Science, 2009, 35, 677-694.	2.0	6
72	On mining multi-time-interval sequential patterns. Data and Knowledge Engineering, 2009, 68, 1112-1127.	2.1	32

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73	Classification of Time-Sequential Attributes by Using Sequential Pattern Rules. , 2007, , .		2
74	Mining association rules with multiple minimum supports: a new mining algorithm and a support tuning mechanism. Decision Support Systems, 2006, 42, 1-24.	3.5	133
75	Constraint-based sequential pattern mining: The consideration of recency and compactness. Decision Support Systems, 2006, 42, 1203-1215.	3.5	43
76	A similarity-based method for retrieving documents from the SCI/SSCI database. Journal of Information Science, 2006, 32, 449-464.	2.0	8
77	Market basket analysis in a multiple store environment. Decision Support Systems, 2005, 40, 339-354.	3.5	118