

Chien-Liang Liu

List of Publications by Year in descending order

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41
papers

1,152
citations

471061

17
h-index

414034

32
g-index

44
all docs

44
docs citations

44
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Time Series Classification With Multivariate Convolutional Neural Network. IEEE Transactions on Industrial Electronics, 2019, 66, 4788-4797.	5.2	184
2	A fall detection system using k-nearest neighbor classifier. Expert Systems With Applications, 2010, 37, 7174-7181.	4.4	169
3	Actor-Critic Deep Reinforcement Learning for Solving Job Shop Scheduling Problems. IEEE Access, 2020, 8, 71752-71762.	2.6	119
4	Movie Rating and Review Summarization in Mobile Environment. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 397-407.	3.3	93
5	Semi-Supervised Text Classification With Universum Learning. IEEE Transactions on Cybernetics, 2016, 46, 462-473.	6.2	64
6	Epileptic Seizure Prediction With Multi-View Convolutional Neural Networks. IEEE Access, 2019, 7, 170352-170361.	2.6	61
7	Model-Based Synthetic Sampling for Imbalanced Data. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1543-1556.	4.0	43
8	Semi-Supervised Linear Discriminant Clustering. IEEE Transactions on Cybernetics, 2014, 44, 989-1000.	6.2	34
9	Machine Learning Model for Risk Prediction of Community-Acquired Acute Kidney Injury Hospitalization From Electronic Health Records: Development and Validation Study. Journal of Medical Internet Research, 2020, 22, e16903.	2.1	31
10	Clustering documents with labeled and unlabeled documents using fuzzy semi-Kmeans. Fuzzy Sets and Systems, 2013, 221, 48-64.	1.6	27
11	Large-scale recommender system with compact latent factor model. Expert Systems With Applications, 2016, 64, 467-475.	4.4	26
12	Background music recommendation based on latent factors and moods. Knowledge-Based Systems, 2018, 159, 158-170.	4.0	26
13	An Unsupervised Automated Essay Scoring System. IEEE Intelligent Systems, 2010, , .	4.0	23
14	Multivariate Time Series Early Classification with Interpretability Using Deep Learning and Attention Mechanism. Lecture Notes in Computer Science, 2019, , 541-553.	1.0	22
15	Deep 3D Convolutional Neural Network Architectures for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2018, , 287-296.	1.0	22
16	An HMM-Based Algorithm for Content Ranking and Coherence-Feature Extraction. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 440-450.	5.9	21
17	A Deep Learning-Enabled Electrocardiogram Model for the Identification of a Rare Inherited Arrhythmia: Brugada Syndrome. Canadian Journal of Cardiology, 2022, 38, 152-159.	0.8	21
18	Multivariate Time Series Early Classification Using Multi-Domain Deep Neural Network. , 2018, , .		19

#	ARTICLE	IF	CITATIONS
19	Large-scale Classification of 12-lead ECG with Deep Learning. , 2019, , .		18
20	Predicting Short-term Survival after Liver Transplantation using Machine Learning. Scientific Reports, 2020, 10, 5654.	1.6	18
21	Fast recommendation on latent collaborative relations. Knowledge-Based Systems, 2016, 109, 25-34.	4.0	17
22	Deep Discriminative Features Learning and Sampling for Imbalanced Data Problem. , 2018, , .		13
23	Locality-constrained max-margin sparse coding. Pattern Recognition, 2017, 65, 285-295.	5.1	10
24	Computer assisted writing system. Expert Systems With Applications, 2011, 38, 804-811.	4.4	9
25	Clustering tagged documents with labeled and unlabeled documents. Information Processing and Management, 2013, 49, 596-606.	5.4	8
26	Analysis and prediction of trajectories using Bayesian network. , 2010, , .		7
27	Painting in the air with Wii Remote. Expert Systems With Applications, 2011, 38, 14668-14678.	4.4	6
28	Intelligent computer assisted blog writing system. Expert Systems With Applications, 2012, 39, 4496-4504.	4.4	6
29	A predictive model for acute allograft rejection of liver transplantation. Expert Systems With Applications, 2018, 94, 228-236.	4.4	6
30	Learning From Imbalanced Data With Deep Density Hybrid Sampling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7065-7077.	5.9	6
31	Online chinese restaurant process. , 2014, , .		5
32	Metric-Based Semi-Supervised Regression. IEEE Access, 2020, 8, 30001-30011.	2.6	4
33	A unifying framework for intelligent DNS management. International Journal of Human Computer Studies, 2003, 58, 415-445.	3.7	3
34	Design and implementation of an intelligent DNS management system. Expert Systems With Applications, 2004, 27, 223-236.	4.4	3
35	Maximum-margin sparse coding. Neurocomputing, 2017, 238, 340-350.	3.5	3
36	Clustering data with partial background information. International Journal of Machine Learning and Cybernetics, 2019, 10, 1123-1138.	2.3	2

#	ARTICLE	IF	CITATIONS
37	Prediction and Clinically Important Factors of Acute Kidney Injury Non-recovery. <i>Frontiers in Medicine</i> , 2021, 8, 789874.	1.2	2
38	Enhancing text classification with the Universum. , 2016, , .		1
39	Nonparametric multi-assignment clustering. <i>Intelligent Data Analysis</i> , 2017, 21, 893-911.	0.4	0
40	Hierarchical hypothesis structure for ensemble learning. , 2017, , .		0
41	Bayesian exploratory clustering with entropy Chinese restaurant process. <i>Intelligent Data Analysis</i> , 2018, 22, 551-568.	0.4	0