

# Chien-Liang Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3700174/publications.pdf>

Version: 2024-02-01

41  
papers

1,152  
citations

471371

17  
h-index

414303

32  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1144  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Learning From Imbalanced Data With Deep Density Hybrid Sampling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7065-7077.   | 5.9 | 6         |
| 3  | Prediction and Clinically Important Factors of Acute Kidney Injury Non-recovery. Frontiers in Medicine, 2021, 8, 789874.   | 1.2 | 2         |
| 4  | Model-Based Synthetic Sampling for Imbalanced Data. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1543-1556.  | 4.0 | 43        |
| 5  | Metric-Based Semi-Supervised Regression. IEEE Access, 2020, 8, 30001-30011.  | 2.6 | 4         |
| 6  | Predicting Short-term Survival after Liver Transplantation using Machine Learning. Scientific Reports, 2020, 10, 5654.   | 1.6 | 18        |
| 7  | Actor-Critic Deep Reinforcement Learning for Solving Job Shop Scheduling Problems. IEEE Access, 2020, 8, 71752-71762.  | 2.6 | 119       |
| 8  | 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        |
| 9  | Time Series Classification With Multivariate Convolutional Neural Network. IEEE Transactions on Industrial Electronics, 2019, 66, 4788-4797.   | 5.2 | 184       |
| 10 | Multivariate Time Series Early Classification with Interpretability Using Deep Learning and Attention Mechanism. Lecture Notes in Computer Science, 2019, , 541-553.   | 1.0 | 22        |
| 11 | Epileptic Seizure Prediction With Multi-View Convolutional Neural Networks. IEEE Access, 2019, 7, 170352-170361.   | 2.6 | 61        |
| 12 | Large-scale Classification of 12-lead ECG with Deep Learning. , 2019, , .  |     | 18        |
| 13 | Clustering data with partial background information. International Journal of Machine Learning and Cybernetics, 2019, 10, 1123-1138.   | 2.3 | 2         |
| 14 | A predictive model for acute allograft rejection of liver transplantation. Expert Systems With Applications, 2018, 94, 228-236.  | 4.4 | 6         |
| 15 | Multivariate Time Series Early Classification Using Multi-Domain Deep Neural Network. , 2018, , .  |     | 19        |
| 16 | Deep Discriminative Features Learning and Sampling for Imbalanced Data Problem. , 2018, , .  |     | 13        |
| 17 | Bayesian exploratory clustering with entropy Chinese restaurant process. Intelligent Data Analysis, 2018, 22, 551-568.   | 0.4 | 0         |
| 18 | Background music recommendation based on latent factors and moods. Knowledge-Based Systems, 2018, 159, 158-170.  | 4.0 | 26        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Deep 3D Convolutional Neural Network Architectures for Alzheimer's Disease Diagnosis. Lecture Notes in Computer Science, 2018, , 287-296.                            | 1.0 | 22        |
| 20 | Maximum-margin sparse coding. Neurocomputing, 2017, 238, 340-350.  | 3.5 | 3         |
| 21 | Locality-constrained max-margin sparse coding. Pattern Recognition, 2017, 65, 285-295.   | 5.1 | 10        |
| 22 | Nonparametric multi-assignment clustering. Intelligent Data Analysis, 2017, 21, 893-911.   | 0.4 | 0         |
| 23 | Hierarchical hypothesis structure for ensemble learning. , 2017, , .   |     | 0         |
| 24 | Enhancing text classification with the Universum. , 2016, , .  |     | 1         |
| 25 | Large-scale recommender system with compact latent factor model. Expert Systems With Applications, 2016, 64, 467-475.  | 4.4 | 26        |
| 26 | Fast recommendation on latent collaborative relations. Knowledge-Based Systems, 2016, 109, 25-34.  | 4.0 | 17        |
| 27 | Semi-Supervised Text Classification With Universum Learning. IEEE Transactions on Cybernetics, 2016, 46, 462-473.  | 6.2 | 64        |
| 28 | Online chinese restaurant process. , 2014, , .   |     | 5         |
| 29 | Semi-Supervised Linear Discriminant Clustering. IEEE Transactions on Cybernetics, 2014, 44, 989-1000.  | 6.2 | 34        |
| 30 | Clustering documents with labeled and unlabeled documents using fuzzy semi-Kmeans. Fuzzy Sets and Systems, 2013, 221, 48-64.   | 1.6 | 27        |
| 31 | Clustering tagged documents with labeled and unlabeled documents. Information Processing and Management, 2013, 49, 596-606.  | 5.4 | 8         |
| 32 | 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        |
| 33 | 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        |
| 34 | Intelligent computer assisted blog writing system. Expert Systems With Applications, 2012, 39, 4496-4504.  | 4.4 | 6         |
| 35 | Painting in the air with Wii Remote. Expert Systems With Applications, 2011, 38, 14668-14678.  | 4.4 | 6         |
| 36 | Computer assisted writing system. Expert Systems With Applications, 2011, 38, 804-811.   | 4.4 | 9         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | A fall detection system using k-nearest neighbor classifier. Expert Systems With Applications, 2010, 37, 7174-7181.      | 4.4 | 169       |
| 38 | Analysis and prediction of trajectories using Bayesian network. , 2010, , .  |     | 7         |
| 39 | An Unsupervised Automated Essay Scoring System. IEEE Intelligent Systems, 2010, , .                                      | 4.0 | 23        |
| 40 | Design and implementation of an intelligent DNS management system. Expert Systems With Applications, 2004, 27, 223-236.  | 4.4 | 3         |
| 41 | A unifying framework for intelligent DNS management. International Journal of Human Computer Studies, 2003, 58, 415-445. | 3.7 | 3         |