

Zhirong Yang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

760
citations

759055

12
h-index

552653

26
g-index

41
all docs

41
docs citations

41
times ranked

976
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Sparse factorization of square matrices with application to neural attention modeling. Neural Networks, 2022, 152, 160-168. | 3.3 | 3 |
| 2 | Distribution and gradient constrained embedding model for zero-shot learning with fewer seen samples. Knowledge-Based Systems, 2022, , 109218. | 4.0 | 0 |
| 3 | A 91-Channel Hyperspectral LiDAR for Coal/Rock Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1052-1056. | 1.4 | 23 |
| 4 | Feasibility Study on Hyperspectral LiDAR for Ancient Huizhou-Style Architecture Preservation. Remote Sensing, 2020, 12, 88. | 1.8 | 17 |
| 5 | Doubly Stochastic Neighbor Embedding on Spheres. Pattern Recognition Letters, 2019, 128, 100-106. | 2.6 | 9 |
| 6 | PANINI: Pangenome Neighbour Identification for Bacterial Populations. Microbial Genomics, 2019, 5, . | 1.0 | 27 |
| 7 | Word Embedding Based on Low-Rank Doubly Stochastic Matrix Decomposition. Lecture Notes in Computer Science, 2018, , 90-100. | 1.0 | 0 |
| 8 | Global and regional dissemination and evolution of Burkholderia pseudomallei. Nature Microbiology, 2017, 2, 16263. | 5.9 | 124 |
| 9 | Learning the Information Divergence. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 1442-1454. | 9.7 | 17 |
| 10 | Nonadditive optimization. , 2015, , 95-103. | | 0 |
| 11 | Understanding emotional impact of images using Bayesian multiple kernel learning. Neurocomputing, 2015, 165, 3-13. | 3.5 | 9 |
| 12 | Denoising Cluster Analysis. Lecture Notes in Computer Science, 2015, , 435-442. | 1.0 | 0 |
| 13 | Adaptive multiplicative updates for quadratic nonnegative matrix factorization. Neurocomputing, 2014, 134, 206-213. | 3.5 | 5 |
| 14 | Improving cluster analysis by co-initializations. Pattern Recognition Letters, 2014, 45, 71-77. | 2.6 | 10 |
| 15 | Multiplicative Updates for Learning with Stochastic Matrices. Lecture Notes in Computer Science, 2013, , 143-152. | 1.0 | 5 |
| 16 | Affective Abstract Image Classification and Retrieval Using Multiple Kernel Learning. Lecture Notes in Computer Science, 2013, , 166-175. | 1.0 | 12 |
| 17 | Predicting Emotional States of Images Using Bayesian Multiple Kernel Learning. Lecture Notes in Computer Science, 2013, , 274-282. | 1.0 | 2 |
| 18 | Selecting \hat{l}^2 -Divergence for Nonnegative Matrix Factorization by Score Matching. Lecture Notes in Computer Science, 2012, , 419-426. | 1.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Quadratic nonnegative matrix factorization. Pattern Recognition, 2012, 45, 1500-1510. | 5.1 | 25 |
| 20 | Adaptive Multiplicative Updates for Projective Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2012, , 277-284. | 1.0 | 5 |
| 21 | Online Projective Nonnegative Matrix Factorization for Large Datasets. Lecture Notes in Computer Science, 2012, , 285-290. | 1.0 | 5 |
| 22 | Pairwise Clustering with t-PLSI. Lecture Notes in Computer Science, 2012, , 411-418. | 1.0 | 0 |
| 23 | Unified Development of Multiplicative Algorithms for Linear and Quadratic Nonnegative Matrix Factorization. IEEE Transactions on Neural Networks, 2011, 22, 1878-1891. | 4.8 | 52 |
| 24 | Kullback-Leibler Divergence for Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2011, , 250-257. | 1.0 | 23 |
| 25 | Orthogonal nonnegative learning for sparse feature extraction and approximate combinatorial optimization. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2010, 5, 261-273. | 0.6 | 4 |
| 26 | A System-Level Model for Runtime Power Estimation on Mobile Devices. , 2010, , . | | 37 |
| 27 | Linear and Nonlinear Projective Nonnegative Matrix Factorization. IEEE Transactions on Neural Networks, 2010, 21, 734-749. | 4.8 | 219 |
| 28 | Multiplicative updates for t-SNE. , 2010, , . | | 5 |
| 29 | Automatic Rank Determination in Projective Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2010, , 514-521. | 1.0 | 10 |
| 30 | Projective Nonnegative Matrix Factorization with \hat{L}_1 -Divergence. Lecture Notes in Computer Science, 2009, , 20-29. | 1.0 | 2 |
| 31 | Informative Laplacian Projection. Lecture Notes in Computer Science, 2009, , 359-368. | 1.0 | 0 |
| 32 | Principal whitened gradient for information geometry. Neural Networks, 2008, 21, 232-240. | 3.3 | 13 |
| 33 | PROJECTIVE NON-NEGATIVE MATRIX FACTORIZATION WITH APPLICATIONS TO FACIAL IMAGE PROCESSING. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 1353-1362. | 0.7 | 39 |
| 34 | Face Recognition Using Parzenfaces. Lecture Notes in Computer Science, 2007, , 200-209. | 1.0 | 0 |
| 35 | Approximated Geodesic Updates with Principal Natural Gradients. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 1 |
| 36 | Multiplicative updates for non-negative projections. Neurocomputing, 2007, 71, 363-373. | 3.5 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Regularized Neighborhood Component Analysis. , 2007, , 253-262. | | 9 |
| 38 | A Fast Fixed-Point Algorithm for Two-Class Discriminative Feature Extraction. Lecture Notes in Computer Science, 2006, , 330-339. | 1.0 | 0 |
| 39 | Partial Relevance in Interactive Facial Image Retrieval. Lecture Notes in Computer Science, 2005, , 216-225. | 1.0 | 5 |
| 40 | Approximated Classification in Interactive Facial Image Retrieval. Lecture Notes in Computer Science, 2005, , 770-779. | 1.0 | 0 |