

# Rui Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,124  
citations

586496

16  
h-index

466096

32  
g-index

47  
all docs

47  
docs citations

47  
times ranked

979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geodesic Multi-Class SVM with Stiefel Manifold Embedding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, PP, 1-1.	9.7	7
2	Self-Weighted Unsupervised LDA. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1627-1632.	7.2	6
3	Embedding Graph Auto-Encoder for Graph Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9352-9362.	7.2	10
4	Unsupervised Feature Selection With Extended OLSDA via Embedding Nonnegative Manifold Structure. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2274-2280.	7.2	8
5	Semisupervised Feature Selection via Generalized Uncorrelated Constraint and Manifold Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5070-5079.	7.2	8
6	Unsupervised Feature Selection via Adaptive Graph Learning and Constraint. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1355-1362.	7.2	34
7	Maximum Joint Probability With Multiple Representations for Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4300-4310.	7.2	5
8	Adaptive Graph Auto-Encoder for General Data Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9725-9732.	9.7	27
9	Robust kernel principal component analysis with optimal mean. Neural Networks, 2022, 152, 347-352.	3.3	18
10	Regularized Regression With Fuzzy Membership Embedding for Unsupervised Feature Selection. IEEE Transactions on Fuzzy Systems, 2021, 29, 3743-3753.	6.5	13
11	Autoencoder Constrained Clustering With Adaptive Neighbors. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 443-449.	7.2	36
12	Data Clustering via Uncorrelated Ridge Regression. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 450-456.	7.2	7
13	Robust Multi-Task Learning With Flexible Manifold Constraint. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2150-2157.	9.7	20
14	Robust multi-view fuzzy clustering via softmin. Neurocomputing, 2021, 458, 47-55.	3.5	4
15	Adaptive Spectral Rotation via Joint Cluster and Pairwise Structure. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	4
16	Deep Fuzzy K-Means With Adaptive Loss and Entropy Regularization. IEEE Transactions on Fuzzy Systems, 2020, 28, 2814-2824.	6.5	56
17	Supervised Dimensionality Reduction Methods via Recursive Regression. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3269-3279.	7.2	14
18	Discriminative and Uncorrelated Feature Selection With Constrained Spectral Analysis in Unsupervised Learning. IEEE Transactions on Image Processing, 2020, 29, 2139-2149.	6.0	35

#	ARTICLE	IF	CITATIONS
19	Adaptive Robust Low-Rank 2-D Reconstruction With Steerable Sparsity. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3754-3759.	7.2	2
20	Understand Love of Variety in Wireless Data Market Under Sponsored Data Plans. IEEE Journal on Selected Areas in Communications, 2020, 38, 766-781.	9.7	15
21	Unsupervised Feature Selection Via Data Reconstruction and Side Information. IEEE Transactions on Image Processing, 2020, 29, 8097-8106.	6.0	18
22	Semisupervised Learning With Parameter-Free Similarity of Label and Side Information. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 405-414.	7.2	13
23	Unsupervised Feature Selection Based on Reconstruction Error Minimization. , 2019, , .		8
24	An efficient framework for unsupervised feature selection. Neurocomputing, 2019, 366, 194-207.	3.5	16
25	TDFI: Two-stage Deep Learning Framework for Friendship Inference via Multi-source Information. , 2019, , .		19
26	Adaptive Feature Redundancy Minimization. , 2019, , .		2
27	Robust Embedded Deep K-means Clustering. , 2019, , .		15
28	A General Framework for Auto-Weighted Feature Selection via Global Redundancy Minimization. IEEE Transactions on Image Processing, 2019, 28, 2428-2438.	6.0	50
29	Robust Multiple Rank- $\alpha$ Bilinear Projections for Unsupervised Learning. IEEE Transactions on Image Processing, 2019, 28, 2574-2583.	6.0	4
30	Joint Learning of Fuzzy $k$ -Means and Nonnegative Spectral Clustering With Side Information. IEEE Transactions on Image Processing, 2019, 28, 2152-2162.	6.0	43
31	Unsupervised Feature Selection via Adaptive Multimeasure Fusion. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2886-2892.	7.2	35
32	Feature selection with multi-view data: A survey. Information Fusion, 2019, 50, 158-167.	11.7	200
33	Generalized Uncorrelated Regression with Adaptive Graph for Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1587-1595.	7.2	112
34	Self-Weighted Supervised Discriminative Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3913-3918.	7.2	43
35	Self-weighted discriminative feature selection via adaptive redundancy minimization. Neurocomputing, 2018, 275, 2824-2830.	3.5	9
36	Feature selection under regularized orthogonal least square regression with optimal scaling. Neurocomputing, 2018, 273, 547-553.	3.5	22

#	ARTICLE	IF	CITATIONS
37	A Generalized Uncorrelated Ridge Regression with Nonnegative Labels for Unsupervised Feature Selection. , 2018, , .		10
38	Embedding Fuzzy K-Means with Nonnegative Spectral Clustering via Incorporating Side Information. , 2018, , .		5
39	Feature Selection via Incorporating Stiefel Manifold in Relaxed K-Means. , 2018, , .		1
40	Auto-weighted 2-dimensional maximum margin criterion. Pattern Recognition, 2018, 83, 220-229.	5.1	2
41	Self-weighted spectral clustering with parameter-free constraint. Neurocomputing, 2017, 241, 164-170.	3.5	21
42	Semi-supervised classification via both label and side information. , 2017, , .		2
43	Embedded clustering via robust orthogonal least square discriminant analysis. , 2017, , .		7
44	A generalized power iteration method for solving quadratic problem on the Stiefel manifold. Science China Information Sciences, 2017, 60, 1.	2.7	120
45	Auto-weighted two-dimensional principal component analysis with robust outliers. , 2017, , .		8
46	Regularized Class-Specific Subspace Classifier. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2738-2747.	7.2	7
47	Projected clustering via robust orthogonal least square regression with optimal scaling. , 2017, , .		3