

Xiaofei He

List of Publications by Year in descending order

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52
papers

8,002
citations

304368

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395343

33
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53
all docs

53
docs citations

53
times ranked

4793
citing authors

#	ARTICLE	IF	CITATIONS
1	Face recognition using Laplacianfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 328-340.	9.7	2,763
2	Orthogonal Laplacianfaces for Face Recognition. IEEE Transactions on Image Processing, 2006, 15, 3608-3614.	6.0	684
3	Semi-supervised Discriminant Analysis. , 2007, , .		588
4	Neighborhood preserving embedding. , 2005, , .		371
5	SRDA: An Efficient Algorithm for Large-Scale Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1-12.	4.0	334
6	Locally Consistent Concept Factorization for Document Clustering. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 902-913.	4.0	290
7	Non-negative Matrix Factorization on Manifold. , 2008, , .		272
8	Laplacian Regularized Gaussian Mixture Model for Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1406-1418.	4.0	186
9	Speed up kernel discriminant analysis. VLDB Journal, 2011, 20, 21-33.	2.7	181
10	Learning a semantic space from user's relevance feedback for image retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2003, 13, 39-48.	5.6	169
11	Spectral Regression: A Unified Approach for Sparse Subspace Learning. , 2007, , .		163
12	Locality sensitive semi-supervised feature selection. Neurocomputing, 2008, 71, 1842-1849.	3.5	161
13	Learning a Maximum Margin Subspace for Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 189-201.	4.0	161
14	Expert Finding for Question Answering via Graph Regularized Matrix Completion. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 993-1004.	4.0	126
15	Manifold Adaptive Experimental Design for Text Categorization. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 707-719.	4.0	123
16	Robust non-negative matrix factorization. Frontiers of Electrical and Electronic Engineering in China: Selected Publications From Chinese Universities, 2011, 6, 192-200.	0.6	104
17	Efficient Kernel Discriminant Analysis via Spectral Regression. , 2007, , .		93
18	Interpreting the Public Sentiment Variations on Twitter. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1158-1170.	4.0	90

#	ARTICLE	IF	CITATIONS
19	User Preference Learning for Online Social Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2522-2534.	4.0	89
20	Spectral regression. , 2007, , .		82
21	Attribute Attention for Semantic Disambiguation in Zero-Shot Learning. , 2019, , .		78
22	Graph Regularized Feature Selection with Data Reconstruction. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 689-700.	4.0	71
23	Document recommendation in social tagging services. , 2010, , .		69
24	A Variance Minimization Criterion to Feature Selection Using Laplacian Regularization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2013-2025.	9.7	67
25	Regularized locality preserving indexing via spectral regression. , 2007, , .		65
26	Incremental semi-supervised subspace learning for image retrieval. , 2004, , .		62
27	Locality pursuit embedding. Pattern Recognition, 2004, 37, 781-788.	5.1	62
28	EMR: A Scalable Graph-Based Ranking Model for Content-Based Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 102-114.	4.0	60
29	Learning a locality preserving subspace for visual recognition. , 2003, , .		59
30	Improving Collaborative Recommendation via User-Item Subgroups. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2363-2375.	4.0	54
31	Clustering and searching WWW images using link and page layout analysis. ACM Transactions on Multimedia Computing, Communications and Applications, 2007, 3, 10.	3.0	41
32	Sparse concept coding for visual analysis. , 2011, , .		41
33	Local Feature Discriminant Projection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1908-1914.	9.7	36
34	Discriminative concept factorization for data representation. Neurocomputing, 2011, 74, 3800-3807.	3.5	22
35	A Unified Feature and Instance Selection Framework Using Optimum Experimental Design. IEEE Transactions on Image Processing, 2012, 21, 2379-2388.	6.0	21
36	Image retrieval using nonlinear manifold embedding. Neurocomputing, 2009, 72, 3922-3929.	3.5	20

#	ARTICLE	IF	CITATIONS
37	A unified active and semi-supervised learning framework for image compression. , 2009, , .		19
38	Multi-Label Transfer Learning With Sparse Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1110-1121.	5.6	18
39	Organizing WWW images based on the analysis of page layout and Web link structure. , 0, , .		15
40	Image Compression by Learning to Minimize the Total Error. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 565-576.	5.6	15
41	Sample Weighting: An Inherent Approach for Outlier Suppressing Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3070-3083.	4.0	14
42	Discerning Influence Patterns with Beta-Poisson Factorization in Microblogging Environments. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1092-1103.	4.0	14
43	Scaling Hop-Based Reachability Indexing for Fast Graph Pattern Query Processing. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2803-2817.	4.0	10
44	Non-negative local coordinate factorization for image representation. , 2011, , .		9
45	Imagerank : spectral techniques for structural analysis of image database. , 2003, , .		7
46	G-Optimal Feature Selection with Laplacian regularization. Neurocomputing, 2013, 119, 175-181.	3.5	5
47	A Real-Time 17-Scale Object Detection Accelerator With Adaptive 2000-Stage Classification in 65 nm CMOS. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 3843-3853.	3.5	5
48	Image Retrieval Using Dimensionality Reduction. Lecture Notes in Computer Science, 2004, , 775-781.	1.0	3
49	Active subspace learning. , 2009, , .		2
50	A real-time 17-scale object detection accelerator with adaptive 2000-stage classification in 65nm CMOS. , 2017, , .		0
51	A real-time 17-scale object detection accelerator with adaptive 2000-stage classification in 65nm CMOS. , 2017, , .		0
52	A unified active and semi-supervised learning framework for image compression. , 2009, , .		0