Xiaofei He

List of Publications by Year
in descending order

52 papers	8,002 citations	304743 22 h-index	395702 33 g-index
53 all docs	53 docs citations	53 times ranked	4793 citing authors

#	Article	IF	Citations
1	Discerning Influence Patterns with Beta-Poisson Factorization in Microblogging Environments. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1092-1103.	5.7	14
2	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.	5.4	5
3	Attribute Attention for Semantic Disambiguation in Zero-Shot Learning. , 2019, , .		78
4	A real-time 17-scale object detection accelerator with adaptive 2000-stage classification in 65nm CMOS. , 2017, , .		0
5	A real-time 17-scale object detection accelerator with adaptive 2000-stage classification in 65nm CMOS. , 2017, , .		0
6	Improving Collaborative Recommendation via User-Item Subgroups. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2363-2375.	5.7	54
7	User Preference Learning for Online Social Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2522-2534.	5.7	89
8	Graph Regularized Feature Selection with Data Reconstruction. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 689-700.	5.7	71
9	Local Feature Discriminant Projection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1908-1914.	13.9	36
10	Sample Weighting: An Inherent Approach for Outlier Suppressing Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3070-3083.	5.7	14
11	EMR: A Scalable Graph-Based Ranking Model for Content-Based Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 102-114.	5.7	60
12	Expert Finding for Question Answering via Graph Regularized Matrix Completion. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 993-1004.	5.7	126
13	Scaling Hop-Based Reachability Indexing for Fast Graph Pattern Query Processing. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2803-2817.	5.7	10
14	Interpreting the Public Sentiment Variations on Twitter. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1158-1170.	5.7	90
15	Image Compression by Learning to Minimize the Total Error. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 565-576.	8.3	15
16	G-Optimal Feature Selection with Laplacian regularization. Neurocomputing, 2013, 119, 175-181.	5.9	5
17	Manifold Adaptive Experimental Design for Text Categorization. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 707-719.	5.7	123
18	A Unified Feature and Instance Selection Framework Using Optimum Experimental Design. IEEE Transactions on Image Processing, 2012, 21, 2379-2388.	9.8	21

#	Article	IF	Citations
19	Non-negative local coordinate factorization for image representation. , 2011, , .		9
20	Locally Consistent Concept Factorization for Document Clustering. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 902-913.	5.7	290
21	A Variance Minimization Criterion to Feature Selection Using Laplacian Regularization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 2013-2025.	13.9	67
22	Discriminative concept factorization for data representation. Neurocomputing, 2011, 74, 3800-3807.	5.9	22
23	Speed up kernel discriminant analysis. VLDB Journal, 2011, 20, 21-33.	4.1	181
24	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
25	Sparse concept coding for visual analysis. , 2011, , .		41
26	Laplacian Regularized Gaussian Mixture Model for Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1406-1418.	5.7	186
27	Multi-Label Transfer Learning With Sparse Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1110-1121.	8.3	18
28	Document recommendation in social tagging services. , 2010, , .		69
29	Active subspace learning. , 2009, , .		2
30	Image retrieval using nonlinear manifold embedding. Neurocomputing, 2009, 72, 3922-3929.	5.9	20
31	A unified active and semi-supervised learning framework for image compression. , 2009, , .		19
32	A unified active and semi-supervised learning framework for image compression. , 2009, , .		0
33	Non-negative Matrix Factorization on Manifold. , 2008, , .		272
34	Locality sensitive semi-supervised feature selection. Neurocomputing, 2008, 71, 1842-1849.	5.9	161
35	SRDA: An Efficient Algorithm for Large-Scale Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1-12.	5.7	334
36	Learning a Maximum Margin Subspace for Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 189-201.	5.7	161

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37	Spectral regression. , 2007, , .		82
38	Regularized locality preserving indexing via spectral regression. , 2007, , .		65
39	Clustering and searching WWW images using link and page layout analysis. ACM Transactions on Multimedia Computing, Communications and Applications, 2007, 3, 10.	4.3	41
40	Spectral Regression: A Unified Approach for Sparse Subspace Learning. , 2007, , .		163
41	Semi-supervised Discriminant Analysis. , 2007, , .		588
42	Efficient Kernel Discriminant Analysis via Spectral Regression. , 2007, , .		93
43	Orthogonal Laplacianfaces for Face Recognition. IEEE Transactions on Image Processing, 2006, 15, 3608-3614.	9.8	684
44	Face recognition using Laplacianfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 328-340.	13.9	2,763
45	Neighborhood preserving embedding. , 2005, , .		371
46	Incremental semi-supervised subspace learning for image retrieval. , 2004, , .		62
47	Locality pursuit embedding. Pattern Recognition, 2004, 37, 781-788.	8.1	62
48	Image Retrieval Using Dimensionality Reduction. Lecture Notes in Computer Science, 2004, , 775-781.	1.3	3
49	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.	8.3	169
50	Learning a locality preserving subspace for visual recognition. , 2003, , .		59
51	Imagerank : spectral techniques for structural analysis of image database. , 2003, , .		7
52	Organizing WWW images based on the analysis of page layout and Web link structure. , 0, , .		15