

# Xiaofei He

## List of Publications by Year in descending order

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52  
papers

8,002  
citations

304368

22  
h-index

395343

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.                     | 4.0 | 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. | 3.5 | 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.  | 4.0 | 54        |
| 7  | User Preference Learning for Online Social Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2522-2534.   | 4.0 | 89        |
| 8  | Graph Regularized Feature Selection with Data Reconstruction. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 689-700.  | 4.0 | 71        |
| 9  | Local Feature Discriminant Projection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1908-1914.  | 9.7 | 36        |
| 10 | Sample Weighting: An Inherent Approach for Outlier Suppressing Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 3070-3083.                            | 4.0 | 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.                                       | 4.0 | 60        |
| 12 | Expert Finding for Question Answering via Graph Regularized Matrix Completion. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 993-1004.                                    | 4.0 | 126       |
| 13 | 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        |
| 14 | Interpreting the Public Sentiment Variations on Twitter. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1158-1170.   | 4.0 | 90        |
| 15 | 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        |
| 16 | G-Optimal Feature Selection with Laplacian regularization. Neurocomputing, 2013, 119, 175-181.   | 3.5 | 5         |
| 17 | Manifold Adaptive Experimental Design for Text Categorization. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 707-719.   | 4.0 | 123       |
| 18 | A Unified Feature and Instance Selection Framework Using Optimum Experimental Design. IEEE Transactions on Image Processing, 2012, 21, 2379-2388.  | 6.0 | 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.                                   | 4.0 | 290       |
| 21 | 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        |
| 22 | Discriminative concept factorization for data representation. Neurocomputing, 2011, 74, 3800-3807.  | 3.5 | 22        |
| 23 | Speed up kernel discriminant analysis. VLDB Journal, 2011, 20, 21-33.   | 2.7 | 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.                                 | 4.0 | 186       |
| 27 | Multi-Label Transfer Learning With Sparse Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1110-1121.                              | 5.6 | 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.  | 3.5 | 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.  | 3.5 | 161       |
| 35 | SRDA: An Efficient Algorithm for Large-Scale Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1-12.                                    | 4.0 | 334       |
| 36 | Learning a Maximum Margin Subspace for Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 189-201.   | 4.0 | 161       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 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. | 3.0 | 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.  | 6.0 | 684       |
| 44 | Face recognition using Laplacianfaces. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 328-340.  | 9.7 | 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.  | 5.1 | 62        |
| 48 | Image Retrieval Using Dimensionality Reduction. Lecture Notes in Computer Science, 2004, , 775-781.  | 1.0 | 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.   | 5.6 | 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        |