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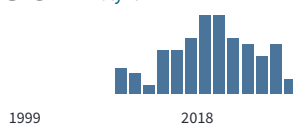
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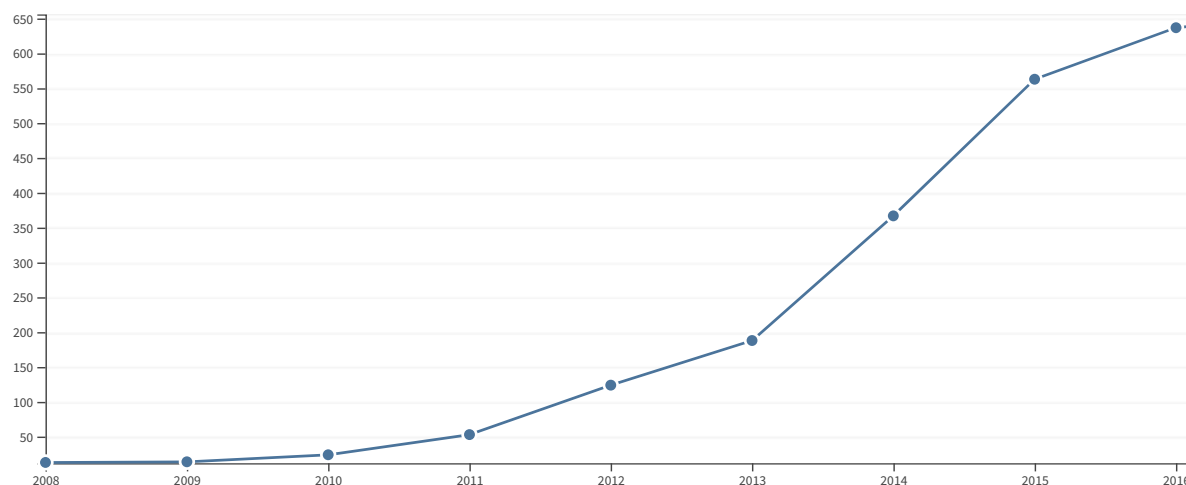
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655

280

2918

265.27

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1.

Domain Adaptation via Transfer Component Analysis

By: Pan, Sinno Jialin; Tsang, Ivor W.; Kwok, James T.; et al.  
IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 22 Issue: 2 Pages: 199-210  
Published: FEB 2011

26

52

70

88

39

303

37.88

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2.

Laplacian Sparse Coding, Hypergraph Laplacian Sparse Coding, and Applications

By: Gao, Shenghua; Tsang, Ivor Wai-Hung; Chia, Liang-Tien  
IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE Volume: 35 Issue: 1 Pages: 92-104 Published: JAN 2013

29

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176

29.33

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3.

Local Features Are Not Lonely - Laplacian Sparse Coding for Image Classification

By: Gao, Shenghua; Tsang, Ivor Wai-Hung; Chia, Liang-Tien; et al.  
Conference: 23rd IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Location: San Francisco, CA Date: JUN 13-18, 2010  
Sponsor(s): IEEE Comp Soc  
2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)  
Book Series: IEEE Conference on Computer Vision and Pattern Recognition Pages: 3555-3561 Published: 2010

24

37

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12

171

19.00

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4.

Flexible Manifold Embedding: A Framework for Semi-Supervised and Unsupervised Dimension Reduction

By: Nie, Feiping; Xu, Dong; Tsang, Ivor Wai-Hung; et al.  
IEEE TRANSACTIONS ON IMAGE PROCESSING Volume: 19 Issue: 7 Pages: 1921-1932  
Published: JUL 2010

15

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163

18.11

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5.

Domain Transfer Multiple Kernel Learning

By: Duan, Lixin; Tsang, Ivor W.; Xu, Dong  
IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE Volume: 34 Issue: 3 Pages: 465-479 Published: MAR 2012

26

33

36

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162

23.14

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6.

Kernel Sparse Representation for Image Classification and Face Recognition

By: Gao, Shenghua; Tsang, Ivor Wai-Hung; Chia, Liang-Tien  
Conference: 11th European Conference on Computer Vision Location: Heraklion, GREECE Date: SEP 05-11, 2010  
Sponsor(s): Inst Natl Rech Informat & Automat; Google; Microsoft Res; Technicolor; Adobe; DynaVox Mayer-Johnson; Eur Res Consortium Informat Math; Gen Elect; IBM; Johnson Controls; Point Grey; Univ Houston; Siemens  
COMPUTER VISION-ECCV 2010, PT IV Book Series: Lecture Notes in Computer Science  
Volume: 6314 Pages: 1-14 Part: IV Published: 2010

39

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134

14.89

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7.

Sparse Representation With Kernels

By: Gao, Shenghua; Tsang, Ivor Wai-Hung; Chia, Liang-Tien  
IEEE TRANSACTIONS ON IMAGE PROCESSING Volume: 22 Issue: 2 Pages: 423-434  
Published: FEB 2013

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8.

Domain Adaptation from Multiple Sources: A Domain-Dependent Regularization Approach

By: Duan, Lixin; Xu, Dong; Tsang, Ivor Wai-Hung  
IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 23 Issue: 3 Pages: 504-518 Published: MAR 2012

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94

13.43

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9.

Visual Event Recognition in Videos by Learning from Web Data

By: Duan, Lixin; Xu, Dong; Tsang, Ivor Wai-Hung; et al.

19

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93

13.29

[IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE](#) Volume:  
34 Issue: 9 Pages: 1667-1680 Published: SEP 2012

☐ 10. **Generalized core vector machines**

By: Tsang, Ivor Wai-Hung; Kwok, James Tin-Yau; Zurada, Jacek M.

[IEEE TRANSACTIONS ON NEURAL NETWORKS](#) Volume: 17 Issue: 5 Pages: 1126-1140  
Published: SEP 2006

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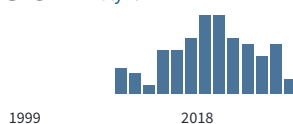
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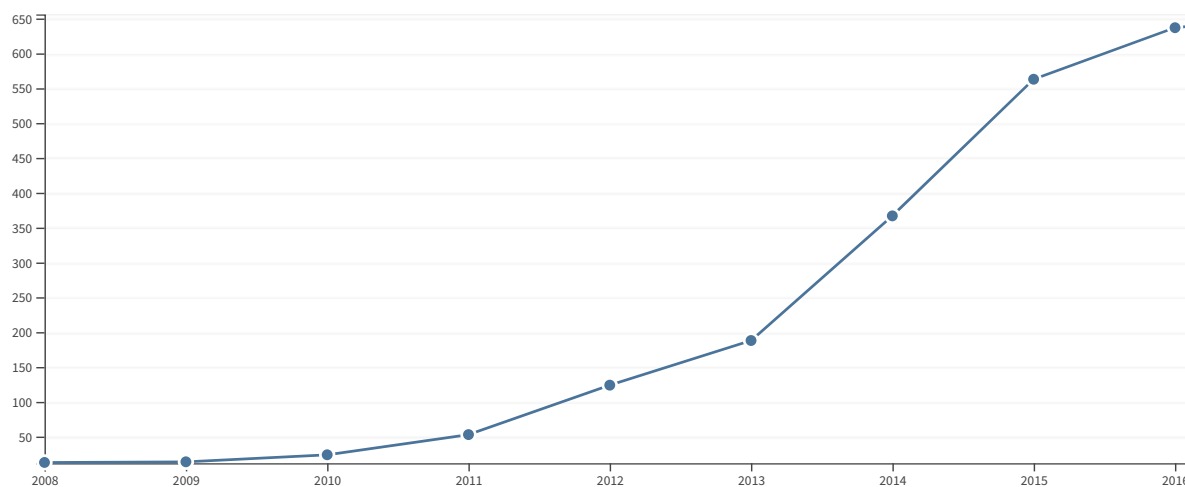
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11.

Domain Transfer SVM for Video Concept Detection

By: Duan, Lixin; Tsang, Ivor W.; Xu, Dong; et al.

Conference: IEEE-Computer-Society Conference on Computer Vision and Pattern Recognition Workshops Location: Miami Beach, FL Date: JUN 20-25, 2009

Sponsor(s): IEEE Comp Soc

CVPR: 2009 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION, VOLS 1-4 Book Series: IEEE Conference on Computer Vision and Pattern Recognition

Pages: 1375-+ Published: 2009

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12.

Learning with Augmented Features for Supervised and Semi-Supervised Heterogeneous Domain Adaptation

By: Li, Wen; Duan, Lixin; Xu, Dong; et al.

IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE Volume: 36 Issue: 6 Pages: 1134-1148 Published: JUN 2014

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13.

Spectral Embedded Clustering: A Framework for In-Sample and Out-of-Sample Spectral Clustering

By: Nie, Feiping; Zeng, Zinan; Tsang, Ivor W.; et al.

IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 22 Issue: 11 Pages: 1796-1808 Published: NOV 2011

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14.

The Emerging "Big Dimensionality"

By: Zhai, Yiteng; Ong, Yew-Soon; Tsang, Ivor W.

IEEE COMPUTATIONAL INTELLIGENCE MAGAZINE Volume: 9 Issue: 3 Pages: 14-26 Published: AUG 2014

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15.

Learning Category-Specific Dictionary and Shared Dictionary for Fine-Grained Image Categorization

By: Gao, Shenghua; Tsang, Ivor Wai-Hung; Ma, Yi

IEEE TRANSACTIONS ON IMAGE PROCESSING Volume: 23 Issue: 2 Pages: 623-634 Published: FEB 2014

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16.

Region-Based Saliency Detection and Its Application in Object Recognition

By: Ren, Zhixiang; Gao, Shenghua; Chia, Liang-Tien; et al.

IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY Volume: 24 Issue: 5 Pages: 769-779 Published: MAY 2014

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17.

Maximum Margin Clustering Made Practical

By: Zhang, Kai; Tsang, Ivor W.; Kwok, James T.

IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 20 Issue: 4 Pages: 583-596 Published: APR 2009

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18.

Soft Margin Multiple Kernel Learning

By: Xu, Xinxiang; Tsang, Ivor W.; Xu, Dong

IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 24 Issue: 5 Pages: 749-761 Published: MAY 2013

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19.

A Hybrid PSO-BFGS Strategy for Global Optimization of Multimodal Functions

By: Li, Shutao; Tan, Mingkui; Tsang, Ivor W.; et al.

IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS Volume: 41 Issue: 4 Pages: 1003-1014 Published: AUG 2011

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**Towards Ultrahigh Dimensional Feature Selection for Big Data**

By: Tan, Mingkui; Tsang, Ivor W.; Wang, Li

[JOURNAL OF MACHINE LEARNING RESEARCH](#) Volume: 15 Pages: 1371-1429

Published: APR 2014

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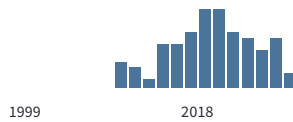
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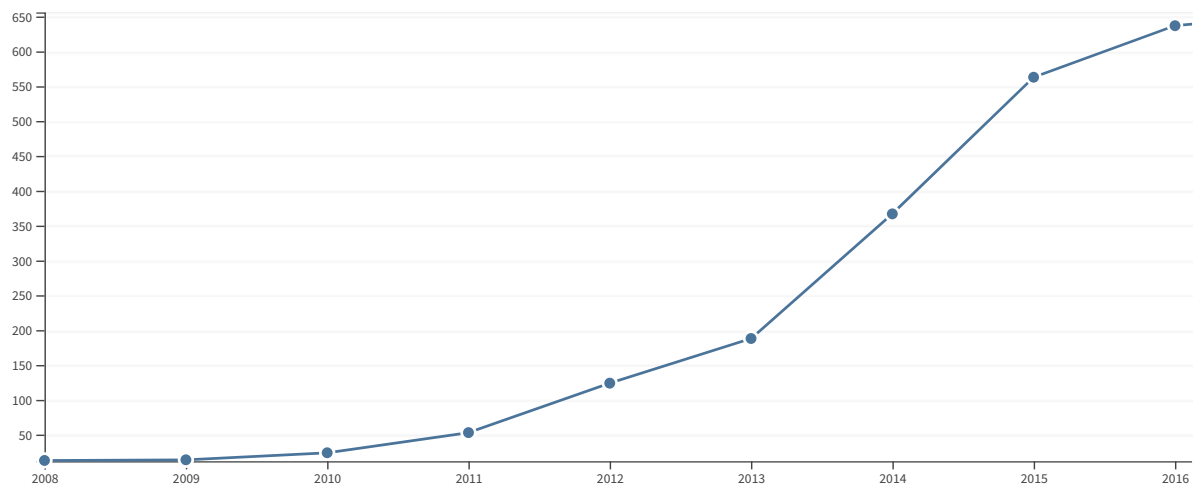
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| <input type="checkbox"/> | 21. | <b>Visual Event Recognition in Videos by Learning from Web Data</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Duan, Lixin; Xu, Dong; Tsang, Ivor W.; et al.<br>Conference: 23rd IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Location: San Francisco, CA Date: JUN 13-18, 2010<br>Sponsor(s): IEEE Comp Soc<br>2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)<br>Book Series: IEEE Conference on Computer Vision and Pattern Recognition Pages: 1959-1966 Published: 2010 | 6 | 6 | 3  | 3  | 0 | 38 | 4.22 |  |
| <input type="checkbox"/> | 22. | <b>Textual Query of Personal Photos Facilitated by Large-Scale Web Data</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Liu, Yiming; Xu, Dong; Tsang, Ivor Wai-Hung; et al.<br>IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE Volume: 33 Issue: 5 Pages: 1022-1036 Published: MAY 2011   | 7 | 7 | 4  | 3  | 1 | 34 | 4.25 |  |
| <input type="checkbox"/> | 23. | <b>Large-scale maximum margin discriminant analysis using core vector machines</b>   |   |   |    |    |   |    |      |  |
|                          |     | By: Tsang, Ivor Wai-Hung; Kocsor, Andras; Kwok, James Tin-Yau<br>IEEE TRANSACTIONS ON NEURAL NETWORKS Volume: 19 Issue: 4 Pages: 610-624<br>Published: APR 2008  | 3 | 4 | 4  | 3  | 0 | 34 | 3.09 |  |
| <input type="checkbox"/> | 24. | <b>A Family of Simple Non-Parametric Kernel Learning Algorithms</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Zhuang, Jinfeng; Tsang, Ivor W.; Hoi, Steven C. H.<br>JOURNAL OF MACHINE LEARNING RESEARCH Volume: 12 Pages: 1313-1347<br>Published: APR 2011  | 4 | 6 | 4  | 6  | 2 | 33 | 4.13 |  |
| <input type="checkbox"/> | 25. | <b>Memetic Search With Interdomain Learning: A Realization Between CVRP and CARP</b>   |   |   |    |    |   |    |      |  |
|                          |     | By: Feng, Liang; Ong, Yew-Soon; Lim, Meng-Hiot; et al.<br>IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION Volume: 19 Issue: 5 Pages: 644-658 Published: OCT 2015   | 0 | 1 | 14 | 12 | 5 | 32 | 8.00 |  |
| <input type="checkbox"/> | 26. | <b>Spectral Embedded Hashing for Scalable Image Retrieval</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Chen, Lin; Xu, Dong; Tsang, Ivor Wai-Hung; et al.<br>IEEE TRANSACTIONS ON CYBERNETICS Volume: 44 Issue: 7 Pages: 1180-1190<br>Published: JUL 2014  | 0 | 4 | 8  | 16 | 2 | 30 | 6.00 |  |
| <input type="checkbox"/> | 27. | <b>SVDD-based pattern denoising</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Park, Jooyoung; Kang, Daesung; Kim, Jongho; et al.<br>NEURAL COMPUTATION Volume: 19 Issue: 7 Pages: 1919-1938 Published: JUL 2007  | 7 | 2 | 2  | 5  | 0 | 30 | 2.50 |  |
| <input type="checkbox"/> | 28. | <b>Improving Web Image Search by Bag-Based Reranking</b>   |   |   |    |    |   |    |      |  |
|                          |     | By: Duan, Lixin; Li, Wen; Tsang, Ivor Wai-Hung; et al.<br>IEEE TRANSACTIONS ON IMAGE PROCESSING Volume: 20 Issue: 11 Pages: 3280-3290 Published: NOV 2011  | 6 | 5 | 8  | 6  | 1 | 29 | 3.63 |  |
| <input type="checkbox"/> | 29. | <b>Laplacian Embedded Regression for Scalable Manifold Regularization</b>  |   |   |    |    |   |    |      |  |
|                          |     | By: Chen, Lin; Tsang, Ivor W.; Xu, Dong<br>IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS Volume: 23 Issue: 6 Pages: 902-915 Published: JUN 2012  | 4 | 7 | 4  | 7  | 1 | 28 | 4.00 |  |
| <input type="checkbox"/> | 30. | <b>Tag-based Web Photo Retrieval Improved by Batch Mode Re-Tagging</b>   | 7 | 1 | 2  | 8  | 2 | 28 | 3.11 |  |
|                          |     | By: Chen, Lin; Xu, Dong; Tsang, Ivor W.; et al.<br>Conference: 23rd IEEE Conference on Computer Vision and Pattern Recognition (CVPR) Location: San Francisco, CA Date: JUN 13-18, 2010<br>Sponsor(s): IEEE Comp Soc   |   |   |    |    |   |    |      |  |



2010 IEEE CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION (CVPR)  
Book Series: IEEE Conference on Computer Vision and Pattern Recognition Pages:  
3440-3446 Published: 2010

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