

Dacheng Tao

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1065018/dacheng-tao-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

667
papers

36,820
citations

103
h-index

167
g-index

727
ext. papers

45,740
ext. citations

6.6
avg, IF

8.26
L-index

#	Paper	IF	Citations
667	Wide-Angle Image Rectification: A Survey. <i>International Journal of Computer Vision</i> , 2022 , 130, 747	10.6	1
666	A Unified B-Spline Framework for Scale-Invariant Keypoint Detection. <i>International Journal of Computer Vision</i> , 2022 , 130, 777	10.6	
665	TimeAutoAD: Autonomous Anomaly Detection with Self-supervised Contrastive Loss for Multivariate Time Series. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	0
664	GAN-MDF: An Enabling Method for Multi-fidelity Data Fusion. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	0
663	Quantum Differentially Private Sparse Regression Learning. <i>IEEE Transactions on Information Theory</i> , 2022 , 1-1	2.8	1
662	Efficient Measure for the Expressivity of Variational Quantum Algorithms.. <i>Physical Review Letters</i> , 2022 , 128, 080506	7.4	7
661	Efficient Bipartite Entanglement Detection Scheme with a Quantum Adversarial Solver.. <i>Physical Review Letters</i> , 2022 , 128, 110501	7.4	0
660	SIN: Semantic Inference Network for Few-Shot Streaming Label Learning.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	2
659	A distributed learning scheme for variational quantum algorithms. <i>IEEE Transactions on Quantum Engineering</i> , 2022 , 1-1	2.9	0
658	An Empirical Study of Remote Sensing Pretraining. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	5
657	Toward Realistic Face Photo-Sketch Synthesis via Composition-Aided GANs. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4350-4362	10.2	14
656	IDRLP: Image Dehazing Using Region Line Prior. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 9043-9057	10.7	4
655	Manifold Regularized Dynamic Network Pruning 2021 ,		15
654	Online Multiple Object Tracking with Cross-Task Synergy 2021 ,		5
653	HourNAS: Extremely Fast Neural Architecture Search Through an Hourglass Lens 2021 ,		3
652	Unpaired data empowers association tests. <i>Bioinformatics</i> , 2021 , 37, 785-792	7.2	
651	Learnability of Quantum Neural Networks. <i>PRX Quantum</i> , 2021 , 2,	6.1	6

650	Global-Local Interplay in Semantic Alignment for Few-Shot Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	2
649	Transferable Coupled Network for Zero-Shot Sketch-Based Image Retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
648	3D-FUTURE: 3D Furniture Shape with TextURE. <i>International Journal of Computer Vision</i> , 2021 , 129, 3313-3337	13.8	12
647	Self-Supervised Multiscale Adversarial Regression Network for Stereo Disparity Estimation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4770-4783	10.2	15
646	Top-k Feature Selection Framework Using Robust 0-1 Integer Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 3005-3019	10.3	57
645	Introduction to the Special Issue on Fine-grained Visual Computing. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-3	3.4	0
644	Introduction to Big Multimodal Multimedia Data with Deep Analytics. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-3	3.4	
643	Knowledge Distillation: A Survey. <i>International Journal of Computer Vision</i> , 2021 , 129, 1789-1819	10.6	154
642	Polysemy Deciphering Network for Robust Human-Object Interaction Detection. <i>International Journal of Computer Vision</i> , 2021 , 129, 1910-1929	10.6	4
641	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7789-7817	10.7	93
640	Quantum noise protects quantum classifiers against adversaries. <i>Physical Review Research</i> , 2021 , 3,	3.9	12
639	Towards High Performance Human Keypoint Detection. <i>International Journal of Computer Vision</i> , 2021 , 129, 2639-2662	10.6	8
638	Deep Coattention-Based Comparator for Relative Representation Learning in Person Re-identification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 722-735	10.3	18
637	Robust Kernelized Multiview Self-Representation for Subspace Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 868-881	10.3	12
636	SPRNet: Single-Pixel Reconstruction for One-Stage Instance Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1731-1742	10.2	19
635	Cascaded Correlation Refinement for Robust Deep Tracking. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1276-1288	10.3	3
634	Generalization Bounds of Multitask Learning From Perspective of Vector-Valued Function Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1906-1919	10.3	0
633	Learning Student Networks via Feature Embedding. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 25-35	10.3	15

632	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 302-315	4.2	9
631	. <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 2694-2705	6.6	8
630	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 4980-4990	10.7	4
629	Recursive Context Routing for Object Detection. <i>International Journal of Computer Vision</i> , 2021 , 129, 142-160	10.6	11
628	Enhanced Tensor RPCA and its Application. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 2133-2140	13.3	21
627	Orthogonal Deep Neural Networks. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 1352-1368	13.3	6
626	Incorporating Distribution Matching into Uncertainty for Multiple Kernel Active Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 128-142	4.2	21
625	Matching Seqlets: An Unsupervised Approach for Locality Preserving Sequence Matching. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 745-752	13.3	3
624	Vision-Assisted Autonomous Lower-Limb Exoskeleton Robot. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 3759-3770	7.3	7
623	Loss Decomposition and Centroid Estimation for Positive and Unlabeled Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 918-932	13.3	11
622	A Survey on Canonical Correlation Analysis. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 2349-2368	4.2	29
621	Adaptive Context-Aware Multi-Modal Network for Depth Completion. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 5264-5276	8.7	17
620	Brain Age Estimation From MRI Using Cascade Networks With Ranking Loss. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 3400-3412	11.7	7
619	Batch Coherence-Driven Network for Part-Aware Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3405-3418	8.7	7
618	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
617	Complementary, Heterogeneous and Adversarial Networks for Image-to-Image Translation. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3487-3498	8.7	3
616	A Shape Transformation-based Dataset Augmentation Framework for Pedestrian Detection. <i>International Journal of Computer Vision</i> , 2021 , 129, 1121-1138	10.6	10
615	Bilinear Graph Networks for Visual Question Answering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2

614	Collaborative Pushing and Grasping of Tightly Stacked Objects via Deep Reinforcement Learning. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 1-11	7	4
613	Stagewise Unsupervised Domain Adaptation With Adversarial Self-Training for Road Segmentation of Remote-Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	25
612	Multi-Sentence Auxiliary Adversarial Networks for Fine-Grained Text-to-Image Synthesis. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 2798-2809	8.7	7
611	Adaptive Data Structure Regularized Multiclass Discriminative Feature Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	11
610	Self-Training With Progressive Representation Enhancement for Unsupervised Cross-Domain Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 5287-5298	8.7	2
609	Gait Phase Classification for a Lower Limb Exoskeleton System Based on a Graph Convolutional Network Model. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	4
608	A Grover-search based quantum learning scheme for classification. <i>New Journal of Physics</i> , 2021 , 23, 023020	9	4
607	Short-Term Lesion Change Detection for Melanoma Screening With Novel Siamese Neural Network. <i>IEEE Transactions on Medical Imaging</i> , 2021 , 40, 840-851	11.7	6
606	Experimental Quantum Generative Adversarial Networks for Image Generation. <i>Physical Review Applied</i> , 2021 , 16,	4.3	20
605	Terra: A Smart and Sensible Digital Twin Framework for Robust Robot Deployment in Challenging Environments. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 14039-14050	10.7	4
604	Learning semantic priors for texture-realistic sketch-to-image synthesis. <i>Neurocomputing</i> , 2021 , 464, 130-140	5.4	2
603	A Human-Like Dual-Forklift Collaborative Mechanism for Container Handling. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12871-12880	8.9	
602	MRI-based Alzheimer's disease prediction via distilling the knowledge in multi-modal data. <i>NeuroImage</i> , 2021 , 244, 118586	7.9	0
601	Open-Set Hypothesis Transfer With Semantic Consistency. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 6473-6484	8.7	
600	Training Robust Deep Neural Networks via Adversarial Noise Propagation. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 5769-5781	8.7	2
599	End2End Occluded Face Recognition by Masking Corrupted Features. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	10
598	. <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 2310-2320	6.6	3
597	Learning Versatile Convolution Filters for Efficient Visual Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	3

596	Two-Stage Cascaded U-Net: 1st Place Solution to BraTS Challenge 2019 Segmentation Task. <i>Lecture Notes in Computer Science</i> , 2020 , 231-241	0.9	91
595	ASTS: A Unified Framework for Arbitrary Shape Text Spotting. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	8
594	Efficient Unsupervised Dimension Reduction for Streaming Multiview Data. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	3
593	Principal Component Adversarial Example. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	9
592	Semi-online Multi-people Tracking by Re-identification. <i>International Journal of Computer Vision</i> , 2020 , 128, 1937-1955	10.6	10
591	Distributed Complementary Binary Quantization for Joint Hash Table Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5312-5323	10.3	5
590	Long-Term Video Prediction via Criticization and Retrospection. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 7090-7103	8.7	3
589	Why ResNet Works? Residuals Generalize. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5349-5362	10.3	21
588	Laplacian Welsch Regularization for Robust Semisupervised Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	8
587	Matrix Infinitely Divisible Series: Tail Inequalities and Their Applications. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 1099-1117	2.8	
586	Joint Deep Multi-View Learning for Image Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	5
585	One-pass Multi-task Networks with Cross-task Guided Attention for Brain Tumor Segmentation. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	61
584	3D Skeletal Gesture Recognition via Hidden States Exploration. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	10
583	Robust learning with imperfect privileged information. <i>Artificial Intelligence</i> , 2020 , 282, 103246	3.6	15
582	Multi-Task Consistency-Preserving Adversarial Hashing for Cross-Modal Retrieval. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	47
581	LogDet Metric-Based Domain Adaptation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4673-4687	10.3	3
580	Deep Representation Calibrated Bayesian Neural Network for Semantically Explainable Face Inpainting and Editing. <i>IEEE Access</i> , 2020 , 8, 13457-13466	3.5	1
579	. <i>IEEE Computational Intelligence Magazine</i> , 2020 , 15, 78-88	5.6	1

578	Robust Student Network Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2455-2468	10.3	9
577	Expressive power of parametrized quantum circuits. <i>Physical Review Research</i> , 2020 , 2,	3.9	35
576	Quantum-inspired algorithm for general minimum conical hull problems. <i>Physical Review Research</i> , 2020 , 2,	3.9	3
575	Optimizing Latent Distributions for Non-Adversarial Generative Networks. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	9
574	Nighttime Dehazing with a Synthetic Benchmark 2020 ,		14
573	Spatiotemporal Attacks for Embodied Agents. <i>Lecture Notes in Computer Science</i> , 2020 , 122-138	0.9	10
572	Deep Multimodal Neural Architecture Search 2020 ,		11
571	Grapy-ML: Graph Pyramid Mutual Learning for Cross-Dataset Human Parsing. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 10949-10956	5	8
570	Self-Supervised Pose Adaptation for Cross-Domain Image Animation. <i>IEEE Transactions on Artificial Intelligence</i> , 2020 , 1, 34-46	4.7	4
569	Explainable Cluster-Based Rules Generation for Image Retrieval and Classification. <i>Lecture Notes in Computer Science</i> , 2020 , 85-94	0.9	0
568	On Dropping Clusters to Regularize Graph Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 245-260	0.9	0
567	Occlusion Boundary: A Formal Definition & Its Detection via Deep Exploration of Context. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	1
566	Fast Class-wise Updating for Online Hashing. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	2
565	Hallucinating Visual Instances in Total Absentia. <i>Lecture Notes in Computer Science</i> , 2020 , 264-282	0.9	3
564	Boundary-Assisted Region Proposal Networks for Nucleus Segmentation. <i>Lecture Notes in Computer Science</i> , 2020 , 279-288	0.9	7
563	Transforming Device Fingerprinting for Wireless Security via Online Multitask Metric Learning. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 208-219	10.7	8
562	Graph Edge Convolutional Neural Networks for Skeleton-Based Action Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3047-3060	10.3	43
561	Variational approach for privacy funnel optimization on continuous data. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 137, 17-25	4.4	1

560	Siamese Local and Global Networks for Robust Face Tracking. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	14
559	Multi-task Compositional Network for Visual Relationship Detection. <i>International Journal of Computer Vision</i> , 2020 , 128, 2146-2165	10.6	10
558	GPS-Net: Graph Property Sensing Network for Scene Graph Generation 2020 ,		33
557	Heterogeneous Graph Attention Network for Unsupervised Multiple-Target Domain Adaptation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	15
556	Progressive Cross-Modal Semantic Network for Zero-Shot Sketch-Based Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	17
555	Multi-task Learning with Coarse Priors for Robust Part-aware Person Re-identification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	17
554	Syntax-Aware Action Targeting for Video Captioning 2020 ,		32
553	FeatureFlow: Robust Video Interpolation via Structure-to-Texture Generation 2020 ,		13
552	Context Aware Graph Convolution for Skeleton-Based Action Recognition 2020 ,		37
551	Distilling Knowledge From Graph Convolutional Networks 2020 ,		34
550	Recurrent Feature Reasoning for Image Inpainting 2020 ,		56
549	On Positive-Unlabeled Classification in GAN 2020 ,		7
548	Learning Unseen Concepts via Hierarchical Decomposition and Composition 2020 ,		3
547	Hyper-Laplacian Regularized Multilinear Multiview Self-Representations for Clustering and Semisupervised Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 572-586	10.2	53
546	VR-SGD: A Simple Stochastic Variance Reduction Method for Machine Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 188-202	4.2	25
545	Adversarial Examples for Hamming Space Search. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1473-1484	10.2	25
544	Generalized Latent Multi-View Subspace Clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 86-99	13.3	177
543	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 728-738	4.2	39

542	Spatial Pyramid-Enhanced NetVLAD With Weighted Triplet Loss for Place Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 661-674	10.3	154
541	Iterative Privileged Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2805-2817	10.3	3
540	Motion-Aware Rapid Video Saliency Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 4887-4898	6.4	16
539	Two-Stream Deep Hashing With Class-Specific Centers for Supervised Image Search. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2189-2201	10.3	33
538	Harnessing Side Information for Classification Under Label Noise. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3178-3192	10.3	6
537	Transforming Cooling Optimization for Green Data Center via Deep Reinforcement Learning. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2002-2013	10.2	39
536	FAMED-Net: A Fast and Accurate Multi-Scale End-to-End Dehazing Network. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 72-84	8.7	59
535	Building Effective Short Video Recommendation 2019 ,		1
534	Evolutionary Generative Adversarial Networks. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 921-934	15.6	101
533	. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 693-702	7	53
532	Extracting Auroral Key Local Structures From All-Sky Auroral Images by Artificial Intelligence Technique. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 3512-3521	2.6	9
531	Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1185-1191	14.2	22
530	Deep Multi-View Learning using Neuron-Wise Correlation-Maximizing Regularizers. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	12
529	State-aware Anti-drift Object Tracking. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	26
528	Robust Visual Tracking Using Multi-Frame Multi-Feature Joint Modeling. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3673-3686	6.4	8
527	The Double-Accelerated Stochastic Method for Regularized Empirical Risk Minimization. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 440-451	4.1	
526	Multi-view common component discriminant analysis for cross-view classification. <i>Pattern Recognition</i> , 2019 , 92, 37-51	7.7	35
525	Unsupervised Semantic-Preserving Adversarial Hashing for Image Search. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4032-4044	8.7	100

524	Hyperspectral image unsupervised classification by robust manifold matrix factorization. <i>Information Sciences</i> , 2019 , 485, 154-169	7.7	165
523	Large-Margin Label-Calibrated Support Vector Machines for Positive and Unlabeled Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3471-3483	10.3	24
522	Packing Convolutional Neural Networks in the Frequency Domain. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2495-2510	13.3	20
521	Perceptual-Sensitive GAN for Generating Adversarial Patches. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 1028-1035	5	37
520	Balance control of a biped robot on a rotating platform based on efficient reinforcement learning. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2019 , 6, 938-951	7	16
519	Toward efficient indexing structure for scalable content-based music retrieval. <i>Multimedia Systems</i> , 2019 , 25, 639-653	2.2	8
518	Image Recognition by Predicted User Click Feature With Multidomain Multitask Transfer Deep Network. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 6047-6062	8.7	8
517	Hierarchical Deep Click Feature Prediction for Fine-grained Image Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 ,	13.3	202
516	SPAGAN: Shortest Path Graph Attention Network 2019 ,		14
515	CDPM: Convolutional Deformable Part Models for Semantically Aligned Person Re-identification. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	13
514	An Underwater Image Enhancement Benchmark Dataset and Beyond. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	242
513	Compositional Attention Networks with Two-Stream Fusion for Video Question Answering. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	15
512	Distilling Channels for Efficient Deep Tracking. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	13
511	Multistage GAN for Fabric Defect Detection. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	51
510	ReS2TIM: Reconstruct Syntactic Structures from Table Images 2019 ,		5
509	Progressive Reconstruction of Visual Structure for Image Inpainting 2019 ,		35
508	Learning a Mixture of Granularity-Specific Experts for Fine-Grained Categorization 2019 ,		44
507	Deep Metric Learning With Tuplelet Margin Loss 2019 ,		24

506	Not All Parts Are Created Equal: 3D Pose Estimation by Modeling Bi-Directional Dependencies of Body Parts 2019 ,		16
505	Collect and Select: Semantic Alignment Metric Learning for Few-Shot Learning 2019 ,		27
504	2019 ,		117
503	Asymmetric Cross-Guided Attention Network for Actor and Action Video Segmentation From Natural Language Query 2019 ,		8
502	Geometry-Consistent Generative Adversarial Networks for One-Sided Unsupervised Domain Mapping. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2019 , 2019, 2422-2431	6	45
501	DistillHash: Unsupervised Deep Hashing by Distilling Data Pairs 2019 ,		36
500	On Exploring Undetermined Relationships for Visual Relationship Detection 2019 ,		23
499	World From Blur 2019 ,		8
498	Image-Question-Answer Synergistic Network for Visual Dialog 2019 ,		13
497	Geometry-Aware Symmetric Domain Adaptation for Monocular Depth Estimation 2019 ,		48
496	Deep Modular Co-Attention Networks for Visual Question Answering 2019 ,		143
495	Autoencoder-based cluster ensembles for single-cell RNA-seq data analysis. <i>BMC Bioinformatics</i> , 2019 , 20, 660	3.6	18
494	Gated-GAN: Adversarial Gated Networks for Multi-Collection Style Transfer. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 546-560	8.7	59
493	Dualityfree Methods for Stochastic Composition Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1205-1217	10.3	5
492	Dual-Transfer Face Sketch-Photo Synthesis. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 642-657	8.7	49
491	Robust Subspace Clustering by Cauchy Loss Function. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2067-2078	10.3	27
490	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 1741-1754	8.1	91
489	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 2393-2406	4.2	4

488	Eigenfunction-Based Multitask Learning in a Reproducing Kernel Hilbert Space. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1818-1830	10.3	10
487	Bi-Phase Evolutionary Searching for Biclusters in Gene Expression Data. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 803-814	15.6	8
486	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 555-565	6.6	14
485	Data Subset Selection With Imperfect Multiple Labels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2212-2221	10.3	9
484	Classification with label noise: a Markov chain sampling framework. <i>Data Mining and Knowledge Discovery</i> , 2019 , 33, 1468-1504	5.6	4
483	Early Expression Detection via Online Multi-Instance Learning With Nonlinear Extension. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1486-1496	10.3	12
482	Holistic CNN Compression via Low-Rank Decomposition with Knowledge Transfer. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2889-2905	13.3	55
481	Truncated Cauchy Non-Negative Matrix Factorization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 246-259	13.3	44
480	Adapting Stochastic Block Models to Power-Law Degree Distributions. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 626-637	10.2	9
479	A Hybrid Level Set With Semantic Shape Constraint for Object Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1558-1569	10.2	14
478	Multi-Task Structure-Aware Context Modeling for Robust Keypoint-Based Object Tracking. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 915-927	13.3	9
477	Ensemble Teaching for Hybrid Label Propagation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 388-402	10.2	23
476	Robust Graph-Based Semisupervised Learning for Noisy Labeled Data via Maximum Correntropy Criterion. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1440-1453	10.2	60
475	Transferring Knowledge Fragments for Learning Distance Metric from a Heterogeneous Domain. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1013-1026	13.3	48
474	Feature Learning Using Spatial-Spectral Hypergraph Discriminant Analysis for Hyperspectral Image. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2406-2419	10.2	207
473	Edge-Sensitive Human Cutout with Hierarchical Granularity and Loopy Matting Guidance. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	3
472	Homologous Component Analysis for Domain Adaptation. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	15
471	CRISPR/Cas9 cleavage efficiency regression through boosting algorithms and Markov sequence profiling. <i>Bioinformatics</i> , 2018 , 34, 3069-3077	7.2	22

470	Heterogeneous Multitask Metric Learning Across Multiple Domains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4051-4064	10.3	18
469	Beyond Bilinear: Generalized Multimodal Factorized High-Order Pooling for Visual Question Answering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5947-5959	10.3	175
468	Multi-view manifold learning with locality alignment. <i>Pattern Recognition</i> , 2018 , 78, 154-166	7.7	50
467	Video Saliency Detection Using Object Proposals. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3159-3170	10.2	60
466	On Unifying Multi-view Self-Representations for Clustering by Tensor Multi-rank Minimization. <i>International Journal of Computer Vision</i> , 2018 , 126, 1157-1179	10.6	113
465	Triplet-Based Deep Hashing Network for Cross-Modal Retrieval. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 3893-3903	8.7	208
464	Robust Visual Tracking Revisited: From Correlation Filter to Template Matching. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 2777-2790	8.7	45
463	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 2114-2125	6.6	6
462	PageSense: Toward Stylewise Contextual Advertising via Visual Analysis of Web Pages. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 254-266	6.4	5
461	Simultaneous Spectral-Spatial Feature Selection and Extraction for Hyperspectral Images. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 16-28	10.2	179
460	Supervised Discrete Hashing With Relaxation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 608-617	10.3	41
459	GoDec+: Fast and Robust Low-Rank Matrix Decomposition Based on Maximum Correntropy. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2323-2336	10.3	25
458	Trunk-Branch Ensemble Convolutional Neural Networks for Video-Based Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 1002-1014	13.3	204
457	On Better Exploring and Exploiting Task Relationships in Multitask Learning: Joint Model and Feature Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1975-1985	10.3	23
456	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1301-1313	10.3	214
455	A Regularization Approach for Instance-Based Superset Label Learning. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 967-978	10.2	47
454	Fast Supervised Discrete Hashing. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 490-496	13.3	138
453	SCE: A Manifold Regularized Set-Covering Method for Data Partitioning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 1760-1773	10.3	15

452	Facial feature point detection: A comprehensive survey. <i>Neurocomputing</i> , 2018 , 275, 50-65	5.4	71
451	Person Re-Identification With Metric Learning Using Privileged Information. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 791-805	8.7	74
450	Active multi-kernel domain adaptation for hyperspectral image classification. <i>Pattern Recognition</i> , 2018 , 77, 306-315	7.7	83
449	Multitask Autoencoder Model for Recovering Human Poses. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5060-5068	8.9	125
448	A Light Dual-Task Neural Network for Haze Removal. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1231-1235	3.2	7
447	User-Click-Data-Based Fine-Grained Image Recognition via Weakly Supervised Metric Learning. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2018 , 14, 1-23	3.4	13
446	Matrix Factorization for Collaborative Budget Allocation. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018 , 15, 1471-1482	4.9	4
445	Semantic Structure-based Unsupervised Deep Hashing 2018 ,		47
444	Attention-GAN for Object Transfiguration in Wild Images. <i>Lecture Notes in Computer Science</i> , 2018 , 167-184	1.8	62
443	Correcting the Triplet Selection Bias for Triplet Loss. <i>Lecture Notes in Computer Science</i> , 2018 , 71-86	0.9	26
442	FishEyeRecNet: A Multi-context Collaborative Deep Network for Fisheye Image Rectification. <i>Lecture Notes in Computer Science</i> , 2018 , 475-490	0.9	36
441	Stroke Controllable Fast Style Transfer with Adaptive Receptive Fields. <i>Lecture Notes in Computer Science</i> , 2018 , 244-260	0.9	27
440	Benchmarking Single Image Dehazing and Beyond. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	458
439	Anchor Cascade for Efficient Face Detection. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	13
438	Correntropy-Induced Robust Low-Rank Hypergraph. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	12
437	Multiobject Tracking by Submodular Optimization. <i>IEEE Transactions on Cybernetics</i> , 2018 ,	10.2	49
436	Variation in longitudinal trajectories of cortical sulci in normal elderly. <i>NeuroImage</i> , 2018 , 166, 1-9	7.9	12
435	On Selecting Effective Patterns for Fast Support Vector Regression Training. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3610-3622	10.3	12

434	Patch Alignment Manifold Matting. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3214-3226	10.3	32
433	Self-Supervised Adversarial Hashing Networks for Cross-Modal Retrieval 2018 ,		144
432	Deep Ordinal Regression Network for Monocular Depth Estimation. <i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition</i> , 2018 , 2018, 2002-2011	6	492
431	Random Angular Projection for Fast Nearest Subspace Search. <i>Lecture Notes in Computer Science</i> , 2018 , 15-26	0.9	2
430	Perceptual Adversarial Networks for Image-to-Image Transformation. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 4066-4079	8.7	158
429	Shared Predictive Cross-Modal Deep Quantization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5292-5303	10.3	90
428	Interacting Tracklets for Multi-object Tracking. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 4585-4597	9.7	36
427	Coupled Deep Autoencoder for Single Image Super-Resolution. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 27-37	10.2	124
426	Coarse-to-Fine Learning for Single-Image Super-Resolution. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1109-1122	10.3	31
425	Exploring Representativeness and Informativeness for Active Learning. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 14-26	10.2	96
424	Feature Selection Based on Structured Sparsity: A Comprehensive Study. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1490-1507	10.3	180
423	Label Propagation via Teaching-to-Learn and Learning-to-Teach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1452-1465	10.3	78
422	Algorithm-Dependent Generalization Bounds for Multi-Task Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2017 , 39, 227-241	13.3	77
421	Discriminative Multi-View Interactive Image Re-Ranking. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3113-3127	8.7	37
420	Heterogeneous Face Recognition: A Common Encoding Feature Discriminant Approach. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2079-2089	8.7	50
419	Multi-layer multi-view topic model for classifying advertising video. <i>Pattern Recognition</i> , 2017 , 68, 66-81	7.7	26
418	DCT Regularized Extreme Visual Recovery. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3360-3371	8.7	25
417	Large Sparse Cone Non-negative Matrix Factorization for Image Annotation. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 8, 1-21	8	13

416	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 3414-3429	4.8	9
415	Robust Object Tracking With Discrete Graph-Based Multiple Experts. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2736-2750	8.7	19
414	Pose-invariant face recognition with homography-based normalization. <i>Pattern Recognition</i> , 2017 , 66, 144-152	7.7	81
413	Large-Cone Nonnegative Matrix Factorization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2129-2142	10.3	36
412	NTIRE 2017 Challenge on Single Image Super-Resolution: Methods and Results 2017 ,		322
411	Active Multitask Learning With Trace Norm Regularization Based on Excess Risk. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3906-3915	10.2	5
410	Distributed Adaptive Binary Quantization for Fast Nearest Neighbor Search. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 5324-5336	8.7	60
409	Robust Dual Clustering with Adaptive Manifold Regularization. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 2498-2509	4.2	19
408	Learning from Multiple Teacher Networks 2017 ,		59
407	Greedy Batch-Based Minimum-Cost Flows for Tracking Multiple Objects. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4765-4776	8.7	44
406	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 2022-2032	6.6	90
405	Cross disease analysis of co-functional microRNA pairs on a reconstructed network of disease-gene-microRNA tripartite. <i>BMC Bioinformatics</i> , 2017 , 18, 193	3.6	10
404	Global Hashing System for Fast Image Search. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 79-89	8.7	10
403	Elastic Net Hypergraph Learning for Image Clustering and Semi-Supervised Classification. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 452-463	8.7	42
402	LSV-Based Tail Inequalities for Sums of Random Matrices. <i>Neural Computation</i> , 2017 , 29, 247-262	2.9	2
401	Deep Multimodal Distance Metric Learning Using Click Constraints for Image Ranking. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 4014-4024	10.2	215
400	A Biologically Inspired Appearance Model for Robust Visual Tracking. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2357-2370	10.3	67
399	Diversified dictionaries for multi-instance learning. <i>Pattern Recognition</i> , 2017 , 64, 407-416	7.7	16

398	Dynamically Modulated Mask Sparse Tracking. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3706-3718	10.2	30
397	Improving Training of Deep Neural Networks via Singular Value Bounding 2017 ,		19
396	A Coarse-Fine Network for Keypoint Localization 2017 ,		65
395	On Compressing Deep Models by Low Rank and Sparse Decomposition 2017 ,		104
394	Multi-modal Factorized Bilinear Pooling with Co-attention Learning for Visual Question Answering 2017 ,		186
393	Quadratic divergence regularized SVM for optic disc segmentation. <i>Biomedical Optics Express</i> , 2017 , 8, 2687-2696	3.5	12
392	Classifying MCI Subtypes in Community-Dwelling Elderly Using Cross-Sectional and Longitudinal MRI-Based Biomarkers. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 309	5.3	13
391	Privileged Matrix Factorization for Collaborative Filtering 2017 ,		4
390	Classification and Representation Joint Learning via Deep Networks 2017 ,		7
389	Fast SVM Trained by Divide-and-Conquer Anchors 2017 ,		5
388	Understanding How Feature Structure Transfers in Transfer Learning 2017 ,		15
387	Improving Stochastic Block Models by Incorporating Power-Law Degree Characteristic 2017 ,		3
386	On Gleaning Knowledge from Multiple Domains for Active Learning 2017 ,		3
385	Multi-Positive and Unlabeled Learning 2017 ,		12
384	Privileged Multi-label Learning 2017 ,		13
383	Relative Attribute SVM+ Learning for Age Estimation. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 827-39	10.2	36
382	Shape-Constrained Sparse and Low-Rank Decomposition for Auroral Substorm Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 32-46	10.3	16
381	Dimensionality-Dependent Generalization Bounds for k-Dimensional Coding Schemes. <i>Neural Computation</i> , 2016 , 28, 2213-49	2.9	38

380	Kernel Learning for Dynamic Texture Synthesis. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4782-4795	8.7	27
379	DehazeNet: An End-to-End System for Single Image Haze Removal. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5187-5198	8.7	1073
378	Sparse tensor discriminative locality alignment for gait recognition 2016 ,		3
377	Tensor canonical correlation analysis for multi-view dimension reduction 2016 ,		6
376	Multi-View Object Retrieval via Multi-Scale Topic Models. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5814-5827	8.7	88
375	Per-Round Knapsack-Constrained Linear Submodular Bandits. <i>Neural Computation</i> , 2016 , 28, 2757-2789	2.9	
374	Multi-view Latent Space Learning Based on Local Discriminant Embedding 2016 ,		2
373	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 4642-4659	8.1	97
372	Unified Photo Enhancement by Discovering Aesthetic Communities From Flickr. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1124-35	8.7	65
371	Large Margin Multi-Modal Multi-Task Feature Extraction for Image Classification. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 414-27	8.7	70
370	Local Rademacher Complexity for Multi-Label Learning. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1495-507	8.7	53
369	Perceptual Attributes Optimization for Multivideo Summarization. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2991-3003	10.2	17
368	Two-Dimensional Whitening Reconstruction for Enhancing Robustness of Principal Component Analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 2130-6	13.3	30
367	BIT: Biologically Inspired Tracker. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1327-39	8.7	36
366	Query-Adaptive Reciprocal Hash Tables for Nearest Neighbor Search. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 907-19	8.7	70
365	Simple to Complex Transfer Learning for Action Recognition. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 949-60	8.7	39
364	Multi-Directional Multi-Level Dual-Cross Patterns for Robust Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 518-31	13.3	229
363	On the Performance of Manhattan Nonnegative Matrix Factorization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1851-63	10.3	50

362	Classification with Noisy Labels by Importance Reweighting. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 447-61	13.3	292
361	Multiple Representations-Based Face Sketch-Photo Synthesis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 2201-2215	10.3	74
360	Domain Adaptation with Conditional Transferable Components. <i>JMLR Workshop and Conference Proceedings</i> , 2016 , 48, 2839-2848		7
359	Subspace Clustering by Capped (l_1) Norm. <i>Communications in Computer and Information Science</i> , 2016 , 663-674	0.3	5
358	Video Face Editing Using Temporal-Spatial-Smooth Warping. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2016 , 7, 1-28	8	5
357	SERF: A Simple, Effective, Robust, and Fast Image Super-Resolver From Cascaded Linear Regression. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4091-102	8.7	38
356	Correlated Logistic Model With Elastic Net Regularization for Multilabel Image Classification. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3801-13	8.7	14
355	Regularized Large Margin Distance Metric Learning 2016 ,		7
354	Conditional Graphical Lasso for Multi-label Image Classification 2016 ,		37
353	Part-Stacked CNN for Fine-Grained Visual Categorization 2016 ,		168
352	Non-Local Auto-Encoder With Collaborative Stabilization for Image Restoration. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 2117-29	8.7	55
351	A Comprehensive Survey on Pose-Invariant Face Recognition. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2016 , 7, 1-42	8	147
350	Multi-Modal Curriculum Learning for Semi-Supervised Image Classification. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3249-3260	8.7	175
349	β -Laplacian Regularized Sparse Coding for Human Activity Recognition. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 1-1	8.9	26
348	Multi-label Active Learning Based on Maximum Correntropy Criterion: Towards Robust and Discriminative Labeling. <i>Lecture Notes in Computer Science</i> , 2016 , 453-468	0.9	5
347	Removing Turbulence Effect via Hybrid Total Variation and Deformation-Guided Kernel Regression. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4943-4958	8.7	28
346	Deep semantic understanding of high resolution remote sensing image 2016 ,		69
345	Query-Adaptive Hash Code Ranking for Large-Scale Multi-View Visual Search. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4514-24	8.7	58

344	Ensemble manifold regularized sparse low-rank approximation for multiview feature embedding. <i>Pattern Recognition</i> , 2015 , 48, 3102-3112	7.7	241
343	Fick's Law Assisted Propagation for Semisupervised Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2148-62	10.3	41
342	Robust visual tracking via multi-graph ranking. <i>Neurocomputing</i> , 2015 , 159, 35-43	5.4	16
341	Efficient robust conditional random fields. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 3124-36	8.7	14
340	No Reference Quality Assessment for Multiply-Distorted Images Based on an Improved Bag-of-Words Model. <i>IEEE Signal Processing Letters</i> , 2015 , 22, 1811-1815	3.2	27
339	DERF: distinctive efficient robust features from the biological modeling of the P ganglion cells. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2287-302	8.7	24
338	Multiview matrix completion for multilabel image classification. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2355-68	8.7	101
337	Non-negative Low-Rank and Group-Sparse Matrix Factorization. <i>Lecture Notes in Computer Science</i> , 2015 , 536-547	0.9	2
336	Exploring Spatial Correlation for Visual Object Retrieval. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2015 , 6, 1-21	8	4
335	Learning a Tracking and Estimation Integrated Graphical Model for Human Pose Tracking. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 3176-86	10.3	21
334	Multimodal Deep Autoencoder for Human Pose Recovery. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5659-70	8.7	371
333	Tensor Canonical Correlation Analysis for Multi-View Dimension Reduction. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 3111-3124	4.2	139
332	EMIF 2015 ,		1
331	Multi-View Learning With Incomplete Views. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5812-25	8.7	105
330	Dictionary Pair Learning on Grassmann Manifolds for Image Denoising. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4556-69	8.7	23
329	Tracking Human Pose Using Max-Margin Markov Models. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5274-87	8.7	18
328	Temporal Variance Analysis for Action Recognition. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5904-15	8.7	11
327	Biclustering Learning of Trading Rules. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2287-98	10.2	23

326	Blind image quality assessment via deep learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1275-86	10.3	218
325	A sparse and discriminative tensor to vector projection for human gait feature representation. <i>Signal Processing</i> , 2015 , 106, 245-252	4.4	20
324	A deep structure for human pose estimation. <i>Signal Processing</i> , 2015 , 108, 36-45	4.4	10
323	Compression of hyperspectral remote sensing images by tensor approach. <i>Neurocomputing</i> , 2015 , 147, 358-363	5.4	116
322	Large-margin multi-view Gaussian process. <i>Multimedia Systems</i> , 2015 , 21, 147-157	2.2	7
321	MMFE: Multitask Multiview Feature Embedding 2015 ,		4
320	MULTI-Store Tracker (MUSTer): A cognitive psychology inspired approach to object tracking 2015 ,		354
319	Online multi-modal robust non-negative dictionary learning for visual tracking. <i>PLoS ONE</i> , 2015 , 10, e0124685	3.7	3
318	DIAS: A Disassemble-Assemble Framework for Highly Sparse Text Clustering 2015 ,		14
317	Single Image Superresolution via Directional Group Sparsity and Directional Features. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2874-88	8.7	40
316	A level set method with shape priors by using locality preserving projections. <i>Neurocomputing</i> , 2015 , 170, 188-200	5.4	12
315	Multi-View Intact Space Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 2531-44	13.3	280
314	Learning to rank using user clicks and visual features for image retrieval. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 767-79	10.2	276
313	Image Search Reranking With Hierarchical Topic Awareness. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2177-89	10.2	7
312	Robust Multitask Multiview Tracking in Videos. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2874-90	10.3	56
311	Augmenting Strong Supervision Using Web Data for Fine-Grained Categorization 2015 ,		39
310	A maximum entropy feature descriptor for age invariant face recognition 2015 ,		43
309	Saliency propagation from simple to difficult 2015 ,		87

308	. <i>IEEE Transactions on Big Data</i> , 2015 , 1, 95-108	3.2	4
307	FaLRR: A fast low rank representation solver 2015 ,		31
306	Correntropy supervised non-negative matrix factorization 2015 ,		2
305	Nonnegative Multiresolution Representation-Based Texture Image Classification. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2015 , 7, 1-21	8	22
304	Two-Dimensional Euler PCA for Face Recognition. <i>Lecture Notes in Computer Science</i> , 2015 , 548-559	0.9	4
303	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 359-369	6.6	61
302	Multi-task proximal support vector machine. <i>Pattern Recognition</i> , 2015 , 48, 3249-3257	7.7	29
301	Deformed graph laplacian for semisupervised learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2261-74	10.3	77
300	Learning to rank for blind image quality assessment. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 2275-90	10.3	85
299	Learning multiple linear mappings for efficient single image super-resolution. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 846-61	8.7	139
298	Activity Recognition in Still Images with Transductive Non-negative Matrix Factorization. <i>Lecture Notes in Computer Science</i> , 2015 , 802-817	0.9	1
297	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 4955-4965	8.1	120
296	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 785-795	6.6	51
295	Click prediction for web image reranking using multimodal sparse coding. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2019-32	8.7	403
294	Common feature discriminant analysis for matching infrared face images to optical face images. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2436-45	8.7	23
293	On the robustness and generalization of Cauchy regression 2014 ,		19
292	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1265-1276	6.4	55
291	Multi-task copula by sparse graph regression 2014 ,		1

290	Weakly Supervised Multiclass Video Segmentation 2014,		35
289	A unified learning framework for single image super-resolution. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 780-92	10.3	58
288	Diverse expected gradient active learning for relative attributes. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3203-17	8.7	30
287	High-order distance-based multiview stochastic learning in image classification. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2431-42	10.2	222
286	Large-Margin Multi-View Information Bottleneck. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014 , 36, 1559-72	13.3	192
285	Person re-identification over camera networks using multi-task distance metric learning. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3656-70	8.7	178
284	Improving level set method for fast auroral oval segmentation. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2854-2865	8.7	58
283	Decomposition-based transfer distance metric learning for image classification. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3789-801	8.7	105
282	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 1811-1824	8.1	159
281	Multiview Hessian discriminative sparse coding for image annotation. <i>Computer Vision and Image Understanding</i> , 2014 , 118, 50-60	4.3	162
280	Group sparse multiview patch alignment framework with view consistency for image classification. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 3126-37	8.7	72
279	Biview learning for human posture segmentation from 3D points cloud. <i>PLoS ONE</i> , 2014 , 9, e85811	3.7	4
278	Hessian-regularized co-training for social activity recognition. <i>PLoS ONE</i> , 2014 , 9, e108474	3.7	14
277	Image-Based Three-Dimensional Human Pose Recovery by Multiview Locality-Sensitive Sparse Retrieval. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 1-1	8.9	24
276	Face Recognition from Multiple Images per Subject 2014,		4
275	Box-constrained projective nonnegative matrix factorization via augmented Lagrangian method 2014,		8
274	Dayside aurora classification via BIFs-based sparse representation using manifold learning. <i>International Journal of Computer Mathematics</i> , 2014 , 91, 2415-2426	1.2	5
273	Correntropy induced metric based graph regularized non-negative matrix factorization 2014,		3

272	Networked bandits with disjoint linear payoffs 2014 ,		8
271	Image annotation by multiple-instance learning with discriminative feature mapping and selection. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 669-80	10.2	155
270	Soft-constrained nonnegative matrix factorization via normalization 2014 ,		8
269	Semi-supervised Coupled Dictionary Learning for Person Re-identification 2014 ,		110
268	Minimizing nearest neighbor classification error for nonparametric dimension reduction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1588-94	10.3	3
267	Robust 3D face landmark localization based on local coordinate coding. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 5108-22	8.7	18
266	Robust face recognition via occlusion dictionary learning. <i>Pattern Recognition</i> , 2014 , 47, 1559-1572	7.7	128
265	A Nonlinear Adaptive Level Set for Image Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 418-28.2	10.2	66
264	Spatio-temporal Laplacian pyramid coding for action recognition. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 817-27	10.2	202
263	A Comprehensive Survey to Face Hallucination. <i>International Journal of Computer Vision</i> , 2014 , 106, 9-30	10.6	241
262	Sparse Transfer Manifold Embedding for Hyperspectral Target Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 1030-1043	8.1	139
261	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1182-1190	6.4	54
260	Transductive face sketch-photo synthesis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1364-76	10.3	115
259	Single image super-resolution with multiscale similarity learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1648-59	10.3	95
258	A modified stochastic neighbor embedding for multi-feature dimension reduction of remote sensing images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013 , 83, 30-39	11.8	27
257	Learning colours from textures by sparse manifold embedding. <i>Signal Processing</i> , 2013 , 93, 1485-1495	4.4	2
256	Locally regularized sliced inverse regression based 3D hand gesture recognition on a dance robot. <i>Information Sciences</i> , 2013 , 221, 274-283	7.7	13
255	Exponential family factors for Bayesian factor analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 964-76	10.3	10

254	Grassmannian regularized structured multi-view embedding for image classification. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 2646-60	8.7	32
253	Multiview Hessian regularization for image annotation. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 2676-87	8.7	216
252	Modern Machine Learning Techniques 2013 , 63-104		1
251	Local discriminative distance metrics ensemble learning. <i>Pattern Recognition</i> , 2013 , 46, 2337-2349	7.7	51
250	Animation Research: Modern Techniques 2013 , 131-194		
249	Tracking via Robust Multi-task Multi-view Joint Sparse Representation 2013 ,		93
248	Pairwise constraints based multiview features fusion for scene classification. <i>Pattern Recognition</i> , 2013 , 46, 483-496	7.7	102
247	Limited relationships between two-year changes in sulcal morphology and other common neuroimaging indices in the elderly. <i>NeuroImage</i> , 2013 , 83, 12-7	7.9	20
246	Generalization performance of magnitude-preserving semi-supervised ranking with graph-based regularization. <i>Information Sciences</i> , 2013 , 221, 284-296	7.7	30
245	Biview face recognition in the shape+texture domain. <i>Pattern Recognition</i> , 2013 , 46, 1906-1919	7.7	6
244	Unsupervised transfer learning for target detection from hyperspectral images. <i>Neurocomputing</i> , 2013 , 120, 72-82	5.4	53
243	Visual saliency detection using information divergence. <i>Pattern Recognition</i> , 2013 , 46, 2658-2669	7.7	33
242	W-tree indexing for fast visual word generation. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 1209-22	8.7	10
241	Tensor Discriminative Locality Alignment for Hyperspectral Image Spectral+Spatial Feature Extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 242-256	8.1	218
240	Double shrinking sparse dimension reduction. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 244-57	8.7	65
239	Joint sparse learning for 3-D facial expression generation. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 3283-95	8.7	10
238	Multiview vector-valued manifold regularization for multilabel image classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 709-22	10.3	107
237	Superpixel classification based optic disc and optic cup segmentation for glaucoma screening. <i>IEEE Transactions on Medical Imaging</i> , 2013 , 32, 1019-32	11.7	327

236	Heterogeneous image transformation. <i>Pattern Recognition Letters</i> , 2013 , 34, 77-84	4.7	49
235	Simple exponential family PCA. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 485-97	10.3	35
234	Visual Reranking through Weakly Supervised Multi-graph Learning 2013 ,		52
233	Manifold regularized multitask learning for semi-supervised multilabel image classification. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 523-36	8.7	141
232	Divide-and-Conquer Anchoring for Near-Separable Nonnegative Matrix Factorization and Completion in High Dimensions 2013 ,		8
231	Universal blind image quality assessment metrics via natural scene statistics and multiple kernel learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 2013-26	10.3	80
230	A Bayesian hierarchical factorization model for vector fields. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 4510-21	8.7	3
229	Nonnegative discriminative manifold learning for hyperspectral data dimension reduction 2013 ,		4
228	Multiview locally linear embedding for effective medical image retrieval. <i>PLoS ONE</i> , 2013 , 8, e82409	3.7	20
227	Discriminant projective non-negative matrix factorization. <i>PLoS ONE</i> , 2013 , 8, e83291	3.7	13
226	Dual-force ISOMAP: a new relevance feedback method for medical image retrieval. <i>PLoS ONE</i> , 2013 , 8, e84096	3.7	3
225	Limited-memory fast gradient descent method for graph regularized nonnegative matrix factorization. <i>PLoS ONE</i> , 2013 , 8, e77162	3.7	6
224	A Level Set with Shape Priors Using Moment-Based Alignment and Locality Preserving Projections. <i>Lecture Notes in Computer Science</i> , 2013 , 697-704	0.9	1
223	Patch Alignment for Graph Embedding 2013 , 73-118		
222	Nonnegative Discriminative Manifold Learning for Hyperspectral Data Dimension Reduction. <i>Lecture Notes in Computer Science</i> , 2013 , 351-358	0.9	1
221	Interactive cartoon reusing by transfer learning. <i>Signal Processing</i> , 2012 , 92, 2147-2158	4.4	11
220	Content-adaptive reliable robust lossless data embedding. <i>Neurocomputing</i> , 2012 , 79, 1-11	5.4	38
219	Graph based transductive learning for cartoon correspondence construction. <i>Neurocomputing</i> , 2012 , 79, 105-114	5.4	14

218	Video-based non-uniform object motion blur estimation and deblurring. <i>Neurocomputing</i> , 2012 , 86, 170-178	4.8	19
217	A cascade fusion scheme for gait and cumulative foot pressure image recognition. <i>Pattern Recognition</i> , 2012 , 45, 3603-3610	7.7	29
216	A probabilistic model for image representation via multiple patterns. <i>Pattern Recognition</i> , 2012 , 45, 4044-4053	7.7	4
215	Feature fusion for 3D hand gesture recognition by learning a shared hidden space. <i>Pattern Recognition Letters</i> , 2012 , 33, 476-484	4.7	34
214	Cross-domain human action recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 298-307		51
213	On Combining Multiple Features for Hyperspectral Remote Sensing Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 879-893	8.1	319
212	Probabilistic exposure fusion. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 341-57	8.7	118
211	Joint learning for single-image super-resolution via a coupled constraint. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 469-80	8.7	123
210	Three-dimensional face reconstruction from a single image by a coupled RBF network. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2887-97	8.7	49
209	Slow feature analysis for human action recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 436-50	13.3	226
208	Ensemble manifold regularization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 1227-33	13.3	167
207	Social image annotation via cross-domain subspace learning. <i>Multimedia Tools and Applications</i> , 2012 , 56, 91-108	2.5	9
206	Face Sketch-Photo Synthesis and Retrieval Using Sparse Representation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012 , 22, 1213-1226	6.4	132
205	3-D object retrieval and recognition with hypergraph analysis. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4290-303	8.7	439
204	Discretized-Vapnik-Chervonenkis dimension for analyzing complexity of real function classes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1461-72	10.3	10
203	Peripapillary atrophy detection by sparse biologically inspired feature manifold. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 2355-65	11.7	14
202	Robust lossless data hiding using clustering and statistical quantity histogram. <i>Neurocomputing</i> , 2012 , 77, 1-11	5.4	51
201	Multivariate multilinear regression. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1560-73		24

200	Parallelized evolutionary learning for detection of biclusters in gene expression data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012 , 9, 560-70	3	31
199	Pedestrian detection using a mixture mask model 2012 ,		3
198	Generalization bounds of ERM-based learning processes for continuous-time Markov chains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1872-83	10.3	13
197	Color Biological Features-Based Solder Paste Defects Detection and Classification on Printed Circuit Boards. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2012 , 2, 1536-1544	1.7	26
196	Image Quality Assessment [A Multiscale Geometric Analysis-Based Framework and Examples 2012 , 377-399		3
195	2012 ,		2
194	On preserving original variables in Bayesian PCA with application to image analysis. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4830-43	8.7	21
193	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 55-65	6.6	17
192	Online nonnegative matrix factorization with robust stochastic approximation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1087-99	10.3	194
191	Constrained empirical risk minimization framework for distance metric learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2012 , 23, 1194-205	10.3	33
190	Single image super-resolution with non-local means and steering kernel regression. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4544-56	8.7	349
189	Semisupervised multiview distance metric learning for cartoon synthesis. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4636-48	8.7	217
188	Multimodal graph-based reranking for web image search. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4649-61	8.7	255
187	Image super-resolution with sparse neighbor embedding. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3194-205	8.7	230
186	Adaptive hypergraph learning and its application in image classification. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3262-72	8.7	279
185	On combining multiple features for cartoon character retrieval and clip synthesis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1413-27		78
184	1-bit Hamming compressed sensing 2012 ,		4
183	Robust reversible watermarking via clustering and enhanced pixel-wise masking. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 3598-611	8.7	112

182	Sparse Unsupervised Dimensionality Reduction for Multiple View Data. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012 , 22, 1485-1496	6.4	66
181	. <i>IEEE Transactions on Multimedia</i> , 2012 , 14, 1618-1630	6.6	21
180	. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 2882-2898	4.8	334
179	Cortical gyrification and sulcal spans in early stage Alzheimer's disease. <i>PLoS ONE</i> , 2012 , 7, e31083	3.7	40
178	Semantic-gap-oriented active learning for multilabel image annotation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2354-60	8.7	86
177	Compressed labeling on distilled labelsets for multi-label learning. <i>Machine Learning</i> , 2012 , 88, 69-126	4	45
176	Sparse transfer learning for interactive video search reranking. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2012 , 8, 1-19	3.4	78
175	Local Structure Divergence Index for Image Quality Assessment. <i>Lecture Notes in Computer Science</i> , 2012 , 337-344	0.9	
174	A biological inspired features based saliency map 2012 ,		2
173	Clustering-based discriminative locality alignment for face gender recognition 2012 ,		2
172	Dual-Force Metric Learning for Robust Distracter-Resistant Tracker. <i>Lecture Notes in Computer Science</i> , 2012 , 513-527	0.9	14
171	Color Fractal Structure Model for Reduced-Reference Colorful Image Quality Assessment. <i>Lecture Notes in Computer Science</i> , 2012 , 401-408	0.9	2
170	Transductive Cartoon Retrieval by Multiple Hypergraph Learning. <i>Lecture Notes in Computer Science</i> , 2012 , 269-276	0.9	
169	Face Subspace Learning 2011 , 51-77		1
168	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2011 , 21, 1061-1070	6.4	127
167	Tag-based social image search with visual-text joint hypergraph learning 2011 ,		43
166	DAML: domain adaptation metric learning. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2980-9	8.7	158
165	Max-min distance analysis by using sequential SDP relaxation for dimension reduction. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2011 , 33, 1037-50	13.3	120

164	Biologically inspired features for scene classification in video surveillance. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 307-13		63
163	Supervised Gaussian process latent variable model for dimensionality reduction. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 425-34		42
162	A relay level set method for automatic image segmentation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 518-25		89
161	Distribution Calibration in Riemannian Symmetric Space. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 921-30		5
160	m-SNE: Multiview Stochastic Neighbor Embedding. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1088-96		84
159	Enhanced Biologically Inspired Model for Object Recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1668-80		59
158	Stroke Correspondence Construction Using Manifold Learning. <i>Computer Graphics Forum</i> , 2011 , 30, 2194-2207	8	
157	Non-goal scene analysis for soccer video. <i>Neurocomputing</i> , 2011 , 74, 540-548	5.4	16
156	Partially Supervised Neighbor Embedding for Example-Based Image Super-Resolution. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2011 , 5, 230-239	7.5	92
155	A Multifeature Tensor for Remote-Sensing Target Recognition. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 374-378	4.1	53
154	Exploiting Local Coherent Patterns for Unsupervised Feature Ranking. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1471-82		29
153	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2011 , 47, 718-272	3.7	38
152	Manifold regularized discriminative nonnegative matrix factorization with fast gradient descent. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2030-48	8.7	243
151	Subspaces indexing model on Grassmann manifold for image search. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2627-35	8.7	83
150	Manifold elastic net: a unified framework for sparse dimension reduction. <i>Data Mining and Knowledge Discovery</i> , 2011 , 22, 340-371	5.6	144
149	Semi-automatic cartoon generation by motion planning. <i>Multimedia Systems</i> , 2011 , 17, 409-419	2.2	3
148	Transfer latent variable model based on divergence analysis. <i>Pattern Recognition</i> , 2011 , 44, 2358-2366	7.7	21
147	Image quality assessment based on S-CIELAB model. <i>Signal, Image and Video Processing</i> , 2011 , 5, 283-290	0.6	21

146	Complex object correspondence construction in two-dimensional animation. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 3257-69	8.7	92
145	Single image super resolution with high resolution dictionary 2011 ,		14
144	Face sketch-photo synthesis based on support vector regression 2011 ,		20
143	Non-negative patch alignment framework. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1218-30		146
142	Zernike-moment-based image super resolution. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2738-478.7		63
141	Universal no reference image quality assessment metrics based on local dependency 2011 ,		1
140	Aurora image segmentation by combining patch and texture thresholding. <i>Computer Vision and Image Understanding</i> , 2011 , 115, 390-402	4.3	18
139	Feature level analysis for 3D facial expression recognition. <i>Neurocomputing</i> , 2011 , 74, 2135-2141	5.4	35
138	Mammographic mass segmentation: Embedding multiple features in vector-valued level set in ambiguous regions. <i>Pattern Recognition</i> , 2011 , 44, 1903-1915	7.7	29
137	3D human posture segmentation by spectral clustering with surface normal constraint. <i>Signal Processing</i> , 2011 , 91, 2204-2212	4.4	12
136	A NOVEL METRIC BASED ON MCA FOR IMAGE QUALITY. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2011 , 09, 743-757	0.9	3
135	Corrections to Subspaces Indexing Model on Grassmann Manifold for Image Search \square <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 3658-3658	8.7	1
134	Visual Reranking: From Objectives to Strategies. <i>IEEE MultiMedia</i> , 2011 , 18, 12-21	2.1	6
133	Toward the optimization of normalized graph Laplacian. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 660-6		21
132	Face Sketch-Photo Synthesis under Multi-dictionary Sparse Representation Framework 2011 ,		31
131	Biologically inspired model for crater detection 2011 ,		8
130	Robust Image Watermarking Based on Feature Regions. <i>Studies in Computational Intelligence</i> , 2011 , 111-137		37
129	Recognition of Sketches in Photos. <i>Studies in Computational Intelligence</i> , 2011 , 239-262	0.8	1

128	Focal biologically inspired feature for glaucoma type classification. <i>Lecture Notes in Computer Science</i> , 2011 , 14, 91-8	0.9	6
127	Learning Colours from Textures by Sparse Manifold Embedding. <i>Lecture Notes in Computer Science</i> , 2011 , 600-608	0.9	1
126	Empirical Discriminative Tensor Analysis for Crime Forecasting. <i>Lecture Notes in Computer Science</i> , 2011 , 293-304	0.9	9
125	A Unified Tensor Level Set Method for Image Segmentation. <i>Studies in Computational Intelligence</i> , 2011 , 217-238	0.8	2
124	Query Difficulty Guided Image Retrieval System. <i>Lecture Notes in Computer Science</i> , 2011 , 479-482	0.9	2
123	Image quality assessment and human visual system 2010 ,		18
122	Spatio-temporal salience based video quality assessment 2010 ,		4
121	Discriminative Hessian Eigenmaps for face recognition 2010 ,		2
120	NESVM: A Fast Gradient Method for Support Vector Machines 2010 ,		28
119	Semi-supervised sparse metric learning using alternating linearization optimization 2010 ,		37
118	Biased discriminant euclidean embedding for content-based image retrieval. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 545-54	8.7	114
117	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2010 , 40, 145-158		76
116	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2010 , 40, 278-286		111
115	Color to gray: visual cue preservation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2010 , 32, 1537-52	13.3	85
114	Discriminative orthogonal neighborhood-preserving projections for classification. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 253-63		66
113	Image ratio features for facial expression recognition application. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 779-88		67
112	A unified tensor level set for image segmentation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 857-67		72
111	Multiview spectral embedding. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1438-46		324

110	Visual-context boosting for eye detection. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1460-7		19
109	Active reranking for web image search. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 805-20	8.7	78
108	An image quality assessment metric with no reference using hidden Markov tree model 2010 ,		4
107	Feature Extraction for fMRI-Based Human Brain Activity Recognition. <i>Lecture Notes in Computer Science</i> , 2010 , 148-156	0.9	
106	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 929-942	4.2	319
105	Evolutionary cross-domain discriminative Hessian Eigenmaps. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 1075-86	8.7	30
104	Biologically inspired feature manifold for scene classification. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 174-84	8.7	150
103	Recognizing Cartoon Image Gestures for Retrieval and Interactive Cartoon Clip Synthesis. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2010 , 20, 1745-1756	6.4	13
102	A new quality metric for compressed images based on DDCT 2010 ,		1
101	A survey of graph edit distance. <i>Pattern Analysis and Applications</i> , 2010 , 13, 113-129	2.3	372
100	Local Feature Based Geometric-Resistant Image Information Hiding. <i>Cognitive Computation</i> , 2010 , 2, 68-77	4.4	17
99	A Video Quality Assessment Metric Based on Human Visual System. <i>Cognitive Computation</i> , 2010 , 2, 120-131	4.1	8
98	On combining morphological component analysis and concentric morphology model for mammographic mass detection. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010 , 14, 266-73		36
97	Biologically inspired feature manifold for gait recognition. <i>Neurocomputing</i> , 2010 , 73, 895-902	5.4	22
96	No-reference image quality assessment in contourlet domain. <i>Neurocomputing</i> , 2010 , 73, 784-794	5.4	57
95	Incremental tensor biased discriminant analysis: A new color-based visual tracking method. <i>Neurocomputing</i> , 2010 , 73, 827-839	5.4	28
94	Photo-sketch synthesis and recognition based on subspace learning. <i>Neurocomputing</i> , 2010 , 73, 840-852	5.4	38
93	Semi-supervised Gaussian process latent variable model with pairwise constraints. <i>Neurocomputing</i> , 2010 , 73, 2186-2195	5.4	22

92	A multi-frame image super-resolution method. <i>Signal Processing</i> , 2010 , 90, 405-414	4.4	183
91	Entropy controlled Laplacian regularization for least square regression. <i>Signal Processing</i> , 2010 , 90, 2043-2049	4.4	15
90	Local histogram based geometric invariant image watermarking. <i>Signal Processing</i> , 2010 , 90, 3256-3264	4.4	49
89	An integrated aurora image retrieval system: AuroraEye. <i>Journal of Visual Communication and Image Representation</i> , 2010 , 21, 787-797	2.7	2
88	Incremental pairwise discriminant analysis based visual tracking. <i>Neurocomputing</i> , 2010 , 74, 428-438	5.4	8
87	Dual Phase Learning for Large Scale Video Gait Recognition. <i>Lecture Notes in Computer Science</i> , 2010 , 500-510	0.9	4
86	m-SNE: Multiview Stochastic Neighbor Embedding. <i>Lecture Notes in Computer Science</i> , 2010 , 338-346	0.9	7
85	Random Projection Tree and Multiview Embedding for Large-Scale Image Retrieval. <i>Lecture Notes in Computer Science</i> , 2010 , 641-649	0.9	1
84	Backward-Forward Least Angle Shrinkage for Sparse Quadratic Optimization. <i>Lecture Notes in Computer Science</i> , 2010 , 388-396	0.9	
83	A global-to-local scheme for imbalanced point matching 2009 ,		5
82	A fast feature extraction method 2009 ,		2
81	Detecting image points of general imbalance 2009 ,		1
80	Binary Sparse Nonnegative Matrix Factorization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 772-777	6.4	44
79	An unsupervised feature ranking scheme by discovering biclusters 2009 ,		1
78	2009 ,		16
77	Manifold elastic net for sparse learning 2009 ,		2
76	Discriminative Geometry Preserving Projections 2009 ,		3
75	Incremental learning of weighted tensor subspace for visual tracking 2009 ,		14

74	Retrieval based interactive cartoon synthesis via unsupervised bi-distance metric learning 2009 ,		23
73	Gabor texture in active appearance models. <i>Neurocomputing</i> , 2009 , 72, 3174-3181	5.4	14
72	A prior neurophysiologic knowledge free tensor-based scheme for single trial EEG classification. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2009 , 17, 107-15	4.8	71
71	Fast Haar Transform Based Feature Extraction for Face Representation and Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2009 , 4, 441-450	8	43
70	Biologically Inspired Tensor Features. <i>Cognitive Computation</i> , 2009 , 1, 327-341	4.4	17
69	Shot-based video retrieval with optical flow tensor and HMMs. <i>Pattern Recognition Letters</i> , 2009 , 30, 140-147	4.7	19
68	A natural image quality evaluation metric. <i>Signal Processing</i> , 2009 , 89, 548-555	4.4	28
67	A local Tchebichef moments-based robust image watermarking. <i>Signal Processing</i> , 2009 , 89, 1531-1539	4.4	141
66	A new approach for face recognition by sketches in photos. <i>Signal Processing</i> , 2009 , 89, 1576-1588	4.4	64
65	Reversibility improved lossless data hiding. <i>Signal Processing</i> , 2009 , 89, 2053-2065	4.4	55
64	Discriminative optical flow tensor for video semantic analysis. <i>Computer Vision and Image Understanding</i> , 2009 , 113, 372-383	4.3	15
63	Introduction to computer vision and image understanding the special issue on video analysis. <i>Computer Vision and Image Understanding</i> , 2009 , 113, 317-318	4.3	3
62	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2009 , 21, 1299-1313	4.2	298
61	Dirichlet Mixture Allocation for Multiclass Document Collections Modeling 2009 ,		2
60	Image quality assessment based on multiscale geometric analysis. <i>IEEE Transactions on Image Processing</i> , 2009 , 18, 1409-23	8.7	165
59	Biased isomap projections for interactive reranking 2009 ,		1
58	Texture representation in AAM using Gabor wavelet and local binary patterns 2009 ,		8
57	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 313-323	6.6	12

56	Cross-Domain Web Image Annotation 2009 ,		2
55	Geometric mean for subspace selection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2009 , 31, 260-74	13.3	428
54	View-independent behavior analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 1028-35		16
53	Reduced-reference IQA in contourlet domain. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 1623-7		53
52	Transfer Discriminative Logmaps. <i>Lecture Notes in Computer Science</i> , 2009 , 131-143	0.9	2
51	The Gabor-Based Tensor Level Set Method for Multiregional Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2009 , 987-994	0.9	
50	A Comparative Study of Three Graph Edit Distance Algorithms. <i>Studies in Computational Intelligence</i> , 2009 , 223-242	0.8	
49	Tensor Rank One Discriminant Analysis: A convergent method for discriminative multilinear subspace selection. <i>Neurocomputing</i> , 2008 , 71, 1866-1882	5.4	85
48	Local face sketch synthesis learning. <i>Neurocomputing</i> , 2008 , 71, 1921-1930	5.4	48
47	Wavelet-based contourlet in quality evaluation of digital images. <i>Neurocomputing</i> , 2008 , 72, 378-385	5.4	26
46	Visual music and musical vision. <i>Neurocomputing</i> , 2008 , 71, 2023-2028	5.4	9
45	Avatar motion control by natural body movement via camera. <i>Neurocomputing</i> , 2008 , 72, 648-652	5.4	2
44	LOCAL COORDINATES ALIGNMENT (LCA): A NOVEL MANIFOLD LEARNING APPROACH. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2008 , 22, 667-690	1.1	20
43	Incremental tensor analysis. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2008 , 2, 1-37	4	132
42	Binary two-dimensional PCA. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 1176-80		65
41	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 1397-1410	6.4	84
40	Geometrically invariant watermarking using affine covariant regions 2008 ,		1
39	Transductive Component Analysis 2008 ,		41

38	Gait Components and Their Application to Gender Recognition. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2008 , 38, 145-155		157
37	C1 units for scene classification 2008 ,		7
36	Which Components are Important for Interactive Image Searching?. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 3-11	6.4	43
35	Harmonic mean for subspace selection 2008 ,		11
34	Semantic Video Shot Segmentation Based on Color Ratio Feature and SVM 2008 ,		7
33	Palmprint identification based on directional representation. <i>Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics</i> , 2008 ,	2	3
32	An image quality assessment metric based contourlet 2008 ,		1
31	Invariant Image Watermarking Based on Local Feature Regions 2008 ,		9
30	A WAVELET-BASED IMAGE QUALITY ASSESSMENT METHOD. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2008 , 06, 541-551	0.9	17
29	Enhanced biologically inspired model 2008 ,		5
28	Bayesian tensor analysis 2008 ,		11
27	Modality Mixture Projections for Semantic Video Event Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2008 , 18, 1587-1596	6.4	53
26	Image categorization: Graph edit direction histogram. <i>Pattern Recognition</i> , 2008 , 41, 3179-3191	7.7	43
25	HMM-based graph edit distance for image indexing. <i>International Journal of Imaging Systems and Technology</i> , 2008 , 18, 209-218	2.5	12
24	Multimodal biometrics using geometry preserving projections. <i>Pattern Recognition</i> , 2008 , 41, 805-813	7.7	54
23	KPCA for semantic object extraction in images. <i>Pattern Recognition</i> , 2008 , 41, 3244-3250	7.7	41
22	Discriminative Locality Alignment. <i>Lecture Notes in Computer Science</i> , 2008 , 725-738	0.9	56
21	General Averaged Divergence Analysis 2007 ,		43

20	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 568-580	4.2	86
19	Supervised tensor learning. <i>Knowledge and Information Systems</i> , 2007 , 13, 1-42	2.4	246
18	General tensor discriminant analysis and gabor features for gait recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2007 , 29, 1700-15	13.3	884
17	Marginal Fisher analysis and its variants for human gait recognition and content- based image retrieval. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 2811-21	8.7	202
16	Probabilistic Tensor Analysis with Akaike and Bayesian Information Criteria. <i>Lecture Notes in Computer Science</i> , 2007 , 791-801	0.9	9
15	Multitraining support vector machine for image retrieval. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 3597-601	8.7	86
14	Beyond streams and graphs 2006 ,		237
13	. <i>IEEE Transactions on Multimedia</i> , 2006 , 8, 716-727	6.6	142
12	Human Gait Recognition With Matrix Representation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 896-903	6.4	96
11	Asymmetric bagging and random subspace for support vector machines-based relevance feedback in image retrieval. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 1088-99	13.3	645
10	Nonparametric discriminant analysis in relevance feedback for content-based image retrieval 2004 ,		7
9			1
8	Human Carrying Status in Visual Surveillance		18
7	Kernel full-space biased discriminant analysis		1
6	Kernel principle component analysis in pixels clustering		3
5			4
4	Bridging Composite and Real: Towards End-to-End Deep Image Matting. <i>International Journal of Computer Vision</i> ,1	10.6	3
3	On the learnability of quantum neural networks		4

2 Animation Research: A Brief Introduction 105-129

1 Towards understanding the power of quantum kernels in the NISQ era. *Quantum - the Open Journal for Quantum Science*, 5, 531

6