

Michael Ng

List of Publications by Year in Descending Order

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

502
papers

13,544
citations

56
h-index

101
g-index

538
ext. papers

16,011
ext. citations

3.1
avg, IF

7.08
L-index

#	Paper	IF	Citations
502	Sparse Nonnegative Tensor Factorization and Completion with Noisy Observations. <i>IEEE Transactions on Information Theory</i> , 2022 , 1-1	2.8	
501	Deep neural network compression by Tucker decomposition with nonlinear response. <i>Knowledge-Based Systems</i> , 2022 , 241, 108171	7.3	0
500	Transform-based tensor singular value decomposition in multidimensional image recovery 2022 , 31-60		
499	Observation Selection, Total Variation, and L-Curve Methods for LiDAR Data Denoising. <i>Advances in Meteorology</i> , 2022 , 2022, 1-17	1.7	
498	Monitoring leaf phenology in moist tropical forests by applying a superpixel-based deep learning method to time-series images of tree canopies. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022 , 183, 19-33	11.8	3
497	Multiple Graphs and Low-Rank Embedding for Multi-Source Heterogeneous Domain Adaptation. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2022 , 16, 1-25	4	2
496	Hypergraph Convolution on Nodes-Hyperedges Network for Semi-Supervised Node Classification. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2022 , 16, 1-19	4	0
495	Cartoon and texture decomposition for color image in opponent color space. <i>Applied Mathematics and Computation</i> , 2022 , 414, 126654	2.7	
494	Knowledge Preserving and Distribution Alignment for Heterogeneous Domain Adaptation. <i>ACM Transactions on Information Systems</i> , 2022 , 40, 1-29	4.8	4
493	Morphological Feature Visualization of Alzheimer's Disease via Multidirectional Perception GAN.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	7
492	Direct growth of single-metal-atom chains 2022 , 1, 245-253		1
491	Geometric Inexact Newton Method for Generalized Singular Values of Grassmann Matrix Pair. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2022 , 43, 535-560	1.5	0
490	A new clustering algorithm for genes with multiple cancer diseases by self-consistent field iteration method. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2022 , 11, 1	1.6	
489	Hypergraph Collaborative Network on Vertices and Hyperedges. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022 , 1-1	13.3	0
488	Non-Local Robust Quaternion Matrix Completion for Large-Scale Color Image and Video Inpainting. <i>IEEE Transactions on Image Processing</i> , 2022 , 1-1	8.7	1
487	Experimental Study on Generative Adversarial Network for Precipitation Nowcasting. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	2
486	Self-Supervised Nonlinear Transform-Based Tensor Nuclear Norm for Multi-Dimensional Image Recovery. <i>IEEE Transactions on Image Processing</i> , 2022 , 1-1	8.7	9

485	Tensor Completion via Complementary Global, Local, and Nonlocal Priors.. <i>IEEE Transactions on Image Processing</i> , 2021 , PP,	8.7	13
484	Parallel Active Subspace Decomposition for Tensor Robust Principal Component Analysis. <i>Communications on Applied Mathematics and Computation</i> , 2021 , 3, 221-241	0.9	
483	Graph Spectral Image Segmentation 2021 , 221-239		
482	Hyperspectral Image Mixed Noise Removal Using Subspace Representation and Deep CNN Image Prior. <i>Remote Sensing</i> , 2021 , 13, 4098	5	5
481	Image Completion and Blind Deconvolution: Model and Algorithm. <i>Journal of Scientific Computing</i> , 2021 , 89, 1	2.3	
480	Joint Visual and Semantic Optimization for zero-shot learning. <i>Knowledge-Based Systems</i> , 2021 , 215, 106773	7.3	7
479	Robust Low Transformed Multi-Rank Tensor Methods for Image Alignment. <i>Journal of Scientific Computing</i> , 2021 , 87, 1	2.3	2
478	Multiple graph semi-supervised clustering with automatic calculation of graph associations. <i>Neurocomputing</i> , 2021 , 429, 33-46	5.4	2
477	Robust low-rank tensor completion via transformed tensor nuclear norm with total variation regularization. <i>Neurocomputing</i> , 2021 , 435, 197-215	5.4	3
476	Wind Shear Prediction from Light Detection and Ranging Data Using Machine Learning Methods. <i>Atmosphere</i> , 2021 , 12, 644	2.7	4
475	A parallel-in-time two-sided preconditioning for all-at-once system from a non-local evolutionary equation with weakly singular kernel. <i>Journal of Computational Physics</i> , 2021 , 434, 110221	4.1	0
474	Bayesian Additive Matrix Approximation for Social Recommendation. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2021 , 16, 1-34	4	1
473	Color image multiplicative noise and blur removal by saturation-value total variation. <i>Applied Mathematical Modelling</i> , 2021 , 90, 240-264	4.5	3
472	Social Recommendation With Learning Personal and Social Latent Factors. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 33, 2956-2970	4.2	9
471	Color Image Restoration by Saturation-Value Total Variation Regularization on Vector Bundles. <i>SIAM Journal on Imaging Sciences</i> , 2021 , 14, 178-197	1.9	1
470	Hyperspectral Image Denoising Based on Global and Nonlocal Low-Rank Factorizations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-17	8.1	33
469	Tensorizing GAN With High-Order Pooling for Alzheimer's Disease Assessment. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	18
468	An All-at-Once Preconditioner for Evolutionary Partial Differential Equations. <i>SIAM Journal of Scientific Computing</i> , 2021 , 43, A2766-A2784	2.6	4

467	Dictionary Learning With Low-Rank Coding Coefficients for Tensor Completion. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	8
466	Multiscale Feature Tensor Train Rank Minimization for Multidimensional Image Recovery. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	10
465	Multi-Dimensional Visual Data Completion via Low-Rank Tensor Representation Under Coupled Transform. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3581-3596	8.7	19
464	FastHyMix: Fast and Parameter-Free Hyperspectral Image Mixed Noise Removal. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	11
463	Bilinear constraint based ADMM for mixed Poisson-Gaussian noise removal. <i>Inverse Problems and Imaging</i> , 2021 , 15, 339-366	2.1	1
462	Transferable Feature Selection for Unsupervised Domain Adaptation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	3
461	New Restricted Isometry Property Analysis for ℓ_1 - ℓ_2 Minimization Methods. <i>SIAM Journal on Imaging Sciences</i> , 2021 , 14, 530-557	1.9	1
460	Nonlocal robust tensor recovery with nonconvex regularization *. <i>Inverse Problems</i> , 2021 , 37, 035001	2.3	7
459	On Recovery of Sparse Signals with Prior Support Information via Weighted β -minimization. <i>IEEE Transactions on Information Theory</i> , 2021 , 1-1	2.8	0
458	Structure Preserving Quaternion Generalized Minimal Residual Method. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2021 , 42, 616-634	1.5	1
457	Heterogeneous Domain Adaptation by Information Capturing and Distribution Matching. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 6364-6376	8.7	5
456	Incremental CP Tensor Decomposition by Alternating Minimization Method. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2021 , 42, 832-858	1.5	1
455	Hyperspectral Image Stripe Detection and Correction Using Gabor Filters and Subspace Representation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	1
454	Orthogonal Nonnegative Tucker Decomposition. <i>SIAM Journal of Scientific Computing</i> , 2021 , 43, B55-B81	1.6	1
453	A nonlocal low rank model for poisson noise removal. <i>Inverse Problems and Imaging</i> , 2021 , 15, 519	2.1	2
452	An approximation method of CP rank for third-order tensor completion. <i>Numerische Mathematik</i> , 2021 , 147, 727-757	2.2	
451	Preconditioning for symmetric positive definite systems in balanced fractional diffusion equations. <i>Numerische Mathematik</i> , 2021 , 147, 651-677	2.2	0
450	An Approximate Augmented Lagrangian Method for Nonnegative Low-Rank Matrix Approximation. <i>Journal of Scientific Computing</i> , 2021 , 88, 1	2.3	0

449	Dictionary-based inverse filtering methods for blind image deconvolution. <i>Applied Mathematical Modelling</i> , 2021 , 96, 269-283	4.5	
448	Two-stage image segmentation based on nonconvex $\ell_{1/2}$ approximation and thresholding. <i>Applied Mathematics and Computation</i> , 2021 , 403, 126168	2.7	3
447	Joint Inversion of Audio-Magnetotelluric and Seismic Travel Time Data With Deep Learning Constraint. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 7982-7995	8.1	8
446	Sparsity reconstruction using nonconvex TGpV-shearlet regularization and constrained projection. <i>Applied Mathematics and Computation</i> , 2021 , 410, 126170	2.7	1
445	Low Rank Pure Quaternion Approximation for Pure Quaternion Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2021 , 42, 58-82	1.5	0
444	Tensor train rank minimization with nonlocal self-similarity for tensor completion. <i>Inverse Problems and Imaging</i> , 2021 , 15, 475	2.1	5
443	Total Variation Gamma Correction Method for Tone Mapped HDR Images. <i>Springer Proceedings in Mathematics and Statistics</i> , 2021 , 113-138	0.2	
442	CAMC Focused Section on Tensor Computation. <i>Communications on Applied Mathematics and Computation</i> , 2021 , 3, 199-199	0.9	
441	A Variational Model for Spatially Weighting in Image Fusion. <i>SIAM Journal on Imaging Sciences</i> , 2021 , 14, 441-469	1.9	
440	Hy-Demosaicing: Hyperspectral Blind Reconstruction From Spectral Subsampling. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	5
439	Nonconvex Optimization for Robust Tensor Completion from Grossly Sparse Observations. <i>Journal of Scientific Computing</i> , 2020 , 85, 1	2.3	5
438	Compressive total variation for image reconstruction and restoration. <i>Computers and Mathematics With Applications</i> , 2020 , 80, 874-893	2.7	2
437	Fast and High-Order Accuracy Numerical Methods for Time-Dependent Nonlocal Problems in $(\mathbb{R}^2)^2$. <i>Journal of Scientific Computing</i> , 2020 , 84, 1	2.3	0
436	Robust tensor completion using transformed tensor singular value decomposition. <i>Numerical Linear Algebra With Applications</i> , 2020 , 27, e2299	1.6	33
435	Decompositions of third-order tensors: HOSVD, T-SVD, and Beyond. <i>Numerical Linear Algebra With Applications</i> , 2020 , 27, e2290	1.6	5
434	Nonnegative low rank matrix approximation for nonnegative matrices. <i>Applied Mathematics Letters</i> , 2020 , 105, 106300	3.5	6
433	$\ell_{1/2}$ minimization methods for signal and image reconstruction with impulsive noise removal. <i>Inverse Problems</i> , 2020 , 36, 055009	2.3	10
432	An Efficient Second-Order Convergent Scheme for One-Side Space Fractional Diffusion Equations with Variable Coefficients. <i>Communications on Applied Mathematics and Computation</i> , 2020 , 2, 215-239	0.9	3

431	. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 3914-3928	2.8	2
430	In-hospital cardiac arrest outcomes among patients with COVID-19 pneumonia in Wuhan, China. <i>Resuscitation</i> , 2020 , 151, 18-23	4	181
429	Hyperspectral Mixed Noise Removal By ℓ_1 -Norm-Based Subspace Representation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 1143-1157	4.7	37
428	Multi-Domain Networks Association for Biological Data Using Block Signed Graph Clustering. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020 , 17, 435-448	3	4
427	Structured Dictionary Learning for Image Denoising under Mixed Gaussian and Impulse Noise. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	8
426	Robust Unsupervised Cross-modal Hashing for Multimedia Retrieval. <i>ACM Transactions on Information Systems</i> , 2020 , 38, 1-25	4.8	9
425	Domain-attention Conditional Wasserstein Distance for Multi-source Domain Adaptation. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2020 , 11, 1-19	8	10
424	Variational model for simultaneously image denoising and contrast enhancement. <i>Optics Express</i> , 2020 , 28, 18751-18777	3.3	7
423	MR-GCN: Multi-Relational Graph Convolutional Networks based on Generalized Tensor Product 2020 ,		3
422	A Tensor-based Markov Chain Model for Heterogeneous Information Network Collective Classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	0
421	A globally convergent algorithm for a class of gradient compounded non-Lipschitz models applied to non-additive noise removal. <i>Inverse Problems</i> , 2020 , 36, 125017	2.3	3
420	A Retinex-based total variation approach for image segmentation and bias correction. <i>Applied Mathematical Modelling</i> , 2020 , 79, 52-67	4.5	6
419	Geometric Knowledge Embedding for unsupervised domain adaptation. <i>Knowledge-Based Systems</i> , 2020 , 191, 105155	7.3	21
418	Patched-tube unitary transform for robust tensor completion. <i>Pattern Recognition</i> , 2020 , 100, 107181	7.7	10
417	Tensor Factorization with Total Variation and Tikhonov Regularization for Low-Rank Tensor Completion in Imaging Data. <i>Journal of Mathematical Imaging and Vision</i> , 2020 , 62, 900-918	1.6	6
416	Dimensionality reduction for single cell RNA sequencing data using constrained robust non-negative matrix factorization. <i>NAR Genomics and Bioinformatics</i> , 2020 , 2, lqaa064	3.7	2
415	Framelet Representation of Tensor Nuclear Norm for Third-Order Tensor Completion. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 7233-7244	8.7	37
414	Fast algorithm with theoretical guarantees for constrained low-tubal-rank tensor recovery in hyperspectral images denoising. <i>Neurocomputing</i> , 2020 , 413, 397-409	5.4	7

4 ¹³	Development and validation of prognosis model of mortality risk in patients with COVID-19. <i>Epidemiology and Infection</i> , 2020 , 148, e168	4.3	25
4 ¹²	Clinical Manifestation and Neonatal Outcomes of Pregnant Patients With Coronavirus Disease 2019 Pneumonia in Wuhan, China. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa283	1	17
4 ¹¹	Efficient Preconditioning for Time Fractional Diffusion Inverse Source Problems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2020 , 41, 1857-1888	1.5	1
4 ¹⁰	Hyperspectral Nonlinear Unmixing by Using Plug-and-Play Prior for Abundance Maps. <i>Remote Sensing</i> , 2020 , 12, 4117	5	6
4 ⁰⁹	Deep plug-and-play prior for low-rank tensor completion. <i>Neurocomputing</i> , 2020 , 400, 137-149	5.4	31
4 ⁰⁸	Comparison of three undersampling approaches in computed tomography reconstruction. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1229-1241	3.6	2
4 ⁰⁷	A Peaceman-Rachford Splitting Method with Monotone Plus Skew-Symmetric Splitting for Nonlinear Saddle Point Problems. <i>Journal of Scientific Computing</i> , 2019 , 81, 763-788	2.3	1
4 ⁰⁶	Image colorization by fusion of color transfers based on DFT and variance features. <i>Computers and Mathematics With Applications</i> , 2019 , 77, 2553-2567	2.7	8
4 ⁰⁵	Calibration of ℓ_1 -sensitive loss in support vector machines regression. <i>Journal of the Franklin Institute</i> , 2019 , 356, 2111-2129	4	3
4 ⁰⁴	Robust quaternion matrix completion with applications to image inpainting. <i>Numerical Linear Algebra With Applications</i> , 2019 , 26, e2245	1.6	25
4 ⁰³	Color Image Restoration by Saturation-Value Total Variation. <i>SIAM Journal on Imaging Sciences</i> , 2019 , 12, 972-1000	1.9	13
4 ⁰²	Online Heterogeneous Transfer Learning by Knowledge Transition. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-19	8	10
4 ⁰¹	Hyperspectral image denoising with bilinear low rank matrix factorization. <i>Signal Processing</i> , 2019 , 163, 132-152	4.4	19
4 ⁰⁰	A C-eigenvalue problem for tensors with applications to higher-order multivariate Markov chains. <i>Computers and Mathematics With Applications</i> , 2019 , 78, 1008-1025	2.7	4
399	Crank-Nicolson Alternative Direction Implicit Method for Space-Fractional Diffusion Equations with Nonseparable Coefficients. <i>SIAM Journal on Numerical Analysis</i> , 2019 , 57, 997-1019	2.4	10
398	The use of forecast gradients in 3DVar data assimilation. <i>Applied Mathematical Modelling</i> , 2019 , 74, 244-257	4.5	1
397	A fast solver for multidimensional time-space fractional diffusion equation with variable coefficients. <i>Computers and Mathematics With Applications</i> , 2019 , 78, 1477-1489	2.7	5
396	Structural Similarity-Based Nonlocal Variational Models for Image Restoration. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4260-4272	8.7	11

395	Image colorization by using graph bi-Laplacian. <i>Advances in Computational Mathematics</i> , 2019 , 45, 1521-1549	15.9	3
394	A Semisupervised Classification Approach for Multidomain Networks With Domain Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 269-283	10.3	6
393	A Corrected Tensor Nuclear Norm Minimization Method for Noisy Low-Rank Tensor Completion. <i>SIAM Journal on Imaging Sciences</i> , 2019 , 12, 1231-1273	1.9	16
392	Robust Low-Tubal-Rank Tensor Completion via Convex Optimization 2019 ,		20
391	A variational gamma correction model for image contrast enhancement. <i>Inverse Problems and Imaging</i> , 2019 , 13, 461-478	2.1	3
390	3D Point Cloud Denoising Using Graph Laplacian Regularization of a Low Dimensional Manifold Model. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	35
389	Lanczos method for large-scale quaternion singular value decomposition. <i>Numerical Algorithms</i> , 2019 , 82, 699-717	2.1	19
388	Sentiment Lexicon Construction With Hierarchical Supervision Topic Model. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2019 , 27, 704-718	3.6	15
387	On predicting epithelial mesenchymal transition by integrating RNA-binding proteins and correlation data via L-regularization method. <i>Artificial Intelligence in Medicine</i> , 2019 , 95, 96-103	7.4	5
386	Circulant preconditioners for a kind of spatial fractional diffusion equations. <i>Numerical Algorithms</i> , 2019 , 82, 729-747	2.1	7
385	A primal-dual method for the Meyer model of cartoon and texture decomposition. <i>Numerical Linear Algebra With Applications</i> , 2019 , 26, e2224	1.6	4
384	A Fast Algorithm for Solving Linear Inverse Problems with Uniform Noise Removal. <i>Journal of Scientific Computing</i> , 2019 , 79, 1214-1240	2.3	3
383	Low-resolution image categorization via heterogeneous domain adaptation. <i>Knowledge-Based Systems</i> , 2019 , 163, 656-665	7.3	7
382	Sparse matrix computation for air quality forecast data assimilation. <i>Numerical Algorithms</i> , 2019 , 80, 687-707	2.1	1
381	Molecular subtyping of cancer: current status and moving toward clinical applications. <i>Briefings in Bioinformatics</i> , 2019 , 20, 572-584	13.4	35
380	Efficient preconditioner of one-sided space fractional diffusion equation. <i>BIT Numerical Mathematics</i> , 2018 , 58, 729-748	1.7	12
379	. <i>Proceedings of the IEEE</i> , 2018 , 106, 907-930	14.3	84
378	Block principal component analysis for tensor objects with frequency or time information. <i>Neurocomputing</i> , 2018 , 302, 12-22	5.4	2

377	Symmetric orthogonal approximation to symmetric tensors with applications to image reconstruction. <i>Numerical Linear Algebra With Applications</i> , 2018 , 25, e2180	1.6	4
376	Multiple graphs clustering by gradient flow method. <i>Journal of the Franklin Institute</i> , 2018 , 355, 1819-1845		4
375	A Semi-smooth Newton Method for Inverse Problem with Uniform Noise. <i>Journal of Scientific Computing</i> , 2018 , 75, 713-732	2.3	3
374	Analysis of regularized least squares for functional linear regression model. <i>Journal of Complexity</i> , 2018 , 49, 85-94	1.2	10
373	Uniqueness and perturbation bounds for sparse non-negative tensor equations. <i>Frontiers of Mathematics in China</i> , 2018 , 13, 849-874	0.8	
372	Online Heterogeneous Transfer by Hedge Ensemble of Offline and Online Decisions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3252-3263	10.3	19
371	Regularized semi-supervised least squares regression with dependent samples. <i>Communications in Mathematical Sciences</i> , 2018 , 16, 1347-1360	1	
370	Tensor-based Low-dimensional Representation Learning for Multi-view Clustering. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	31
369	Stability and Convergence Analysis of Finite Difference Schemes for Time-Dependent Space-Fractional Diffusion Equations with Variable Diffusion Coefficients. <i>Journal of Scientific Computing</i> , 2018 , 75, 1102-1127	2.3	13
368	Fast computation of stationary joint probability distribution of sparse Markov chains. <i>Applied Numerical Mathematics</i> , 2018 , 125, 68-85	2.5	1
367	. <i>Journal of Scientific Computing</i> , 2018 , 75, 1535-1554	2.3	15
366	Weighted variational model for selective image segmentation with application to medical images. <i>Pattern Recognition</i> , 2018 , 76, 367-379	7.7	40
365	Structured Convex Optimization Method for Orthogonal Nonnegative Matrix Factorization 2018 ,		1
364	Topic-Adaptive Sentiment Lexicon Construction 2018 ,		1
363	Multi-instance transfer metric learning by weighted distribution and consistent maximum likelihood estimation. <i>Neurocomputing</i> , 2018 , 321, 49-60	5.4	4
362	Multi-Instance Dimensionality Reduction via Sparsity and Orthogonality. <i>Neural Computation</i> , 2018 , 30, 3281-3308	2.9	2
361	Orthogonal Nonnegative Matrix Factorization by Sparsity and Nuclear Norm Optimization. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2018 , 39, 856-875	1.5	9
360	Discriminative tracking via supervised tensor learning. <i>Neurocomputing</i> , 2018 , 315, 33-47	5.4	6

359	MR-NTD: Manifold Regularization Nonnegative Tucker Decomposition for Tensor Data Dimension Reduction and Representation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 1787-1800	10.3	55
358	Fast preconditioned iterative methods for finite volume discretization of steady-state space-fractional diffusion equations. <i>Numerical Algorithms</i> , 2017 , 74, 153-173	2.1	21
357	A multigrid method for linear systems arising from time-dependent two-dimensional space-fractional diffusion equations. <i>Journal of Computational Physics</i> , 2017 , 336, 69-86	4.1	29
356	Block spectral clustering for multiple graphs with inter-relation. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2017 , 6, 1	1.6	2
355	The uniqueness of multilinear PageRank vectors. <i>Numerical Linear Algebra With Applications</i> , 2017 , 24, e2107	1.6	12
354	Drug-target interaction prediction by integrating multiview network data. <i>Computational Biology and Chemistry</i> , 2017 , 69, 185-193	3.6	21
353	A variational approach for restoring images corrupted by noisy blur kernels and additive noise. <i>Numerical Linear Algebra With Applications</i> , 2017 , 24, e2100	1.6	3
352	A divide-and-conquer fast finite difference method for space-time fractional partial differential equation. <i>Computers and Mathematics With Applications</i> , 2017 , 73, 1233-1242	2.7	26
351	Nonconvex-TV Based Image Restoration with Impulse Noise Removal. <i>SIAM Journal on Imaging Sciences</i> , 2017 , 10, 1627-1667	1.9	29
350	Miss data reconstruction in remote sensing images with a double weighted tensor low rank model 2017 ,		1
349	Block linear discriminant analysis for visual tensor objects with frequency or time information. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 49, 38-46	2.7	3
348	Lattice-Based Patterned Fabric Inspection by Using Total Variation with Sparsity and Low-Rank Representations. <i>SIAM Journal on Imaging Sciences</i> , 2017 , 10, 2140-2164	1.9	6
347	Robust Data Assimilation Using L_1 and Huber Norms. <i>SIAM Journal of Scientific Computing</i> , 2017 , 39, B548-B570	2.6	6
346	Multi-Label Classification by Semi-Supervised Singular Value Decomposition. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4612-4625	8.7	20
345	Block spectral clustering methods for multiple graphs. <i>Numerical Linear Algebra With Applications</i> , 2017 , 24, e2075	1.6	15
344	A Splitting Preconditioner for Toeplitz-Like Linear Systems Arising from Fractional Diffusion Equations. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2017 , 38, 1580-1614	1.5	31
343	Tensor Based Relations Ranking for Multi-relational Collective Classification 2017 ,		3
342	Automatic regularization parameter selection by generalized cross-validation for total variational Poisson noise removal. <i>Applied Optics</i> , 2017 , 56, D47-D51	0.2	9

341	Learning Discriminative Correlation Subspace for Heterogeneous Domain Adaptation 2017 ,		25
340	Convex regularized inverse filtering methods for blind image deconvolution. <i>Signal, Image and Video Processing</i> , 2016 , 10, 1353-1360	1.6	10
339	Numerical ranges of tensors. <i>Linear Algebra and Its Applications</i> , 2016 , 508, 100-132	0.9	6
338	Phase Retrieval from Incomplete Magnitude Information via Total Variation Regularization. <i>SIAM Journal of Scientific Computing</i> , 2016 , 38, A3672-A3695	2.6	33
337	A spatially variant total variational model for chromatic aberration correction. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 41, 296-304	2.7	6
336	Gene-microRNA network module analysis for ovarian cancer. <i>BMC Systems Biology</i> , 2016 , 10, 117	3.5	14
335	A discriminative and sparse topic model for image classification and annotation. <i>Image and Vision Computing</i> , 2016 , 51, 22-35	3.7	3
334	ML-Forest: A Multi-Label Tree Ensemble Method for Multi-Label Classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2016 , 28, 2665-2680	4.2	49
333	Incremental Regularized Least Squares for Dimensionality Reduction of Large-Scale Data. <i>SIAM Journal of Scientific Computing</i> , 2016 , 38, B414-B439	2.6	4
332	A cartoon-plus-texture image decomposition model for blind deconvolution. <i>Multidimensional Systems and Signal Processing</i> , 2016 , 27, 541-562	1.8	16
331	MultiVCRank With Applications to Image Retrieval. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1396-1409	3.4	7
330	Learning Transferred Weights From Co-Occurrence Data for Heterogeneous Transfer Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 2187-2200	10.3	40
329	An image pixel based variational model for histogram equalization. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 34, 118-134	2.7	7
328	An eigenvalue problem for even order tensors with its applications. <i>Linear and Multilinear Algebra</i> , 2016 , 64, 602-621	0.7	33
327	A coupled total variation model with curvature driven for image colorization. <i>Inverse Problems and Imaging</i> , 2016 , 10, 1037-1055	2.1	6
326	Multiplicative Noise and Blur Removal by Framelet Decomposition and ℓ_1 -Based L-Curve Method. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4222-4232	8.7	21
325	Fast Iterative Solvers for Linear Systems Arising from Time-Dependent Space-Fractional Diffusion Equations. <i>SIAM Journal of Scientific Computing</i> , 2016 , 38, A2806-A2826	2.6	29
324	A fast Markov chain based algorithm for MIML learning. <i>Neurocomputing</i> , 2016 , 216, 763-777	5.4	3

323	Subspace clustering with automatic feature grouping. <i>Pattern Recognition</i> , 2015 , 48, 3703-3713	7.7	32
322	Retinex image enhancement via a learned dictionary. <i>Optical Engineering</i> , 2015 , 54, 013107	1.1	23
321	Tone mapping for high-dynamic-range images using localized gamma correction. <i>Journal of Electronic Imaging</i> , 2015 , 24, 013010	0.7	7
320	Robust and Non-Negative Collective Matrix Factorization for Text-to-Image Transfer Learning. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4701-14	8.7	31
319	A fast direct method for block triangular Toeplitz-like with tri-diagonal block systems from time-fractional partial differential equations. <i>Journal of Computational Physics</i> , 2015 , 303, 203-211	4.1	56
318	Subspace clustering using affinity propagation. <i>Pattern Recognition</i> , 2015 , 48, 1455-1464	7.7	39
317	Alternating direction method of multipliers for nonlinear image restoration problems. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 33-43	8.7	25
316	Solving sparse non-negative tensor equations: algorithms and applications. <i>Frontiers of Mathematics in China</i> , 2015 , 10, 649-680	0.8	57
315	Median filtering-based methods for static background extraction from surveillance video. <i>Numerical Linear Algebra With Applications</i> , 2015 , 22, 845-865	1.6	12
314	Total variation based tensor decomposition for multi-dimensional data with time dimension. <i>Numerical Linear Algebra With Applications</i> , 2015 , 22, 999-1019	1.6	6
313	Functional Module Analysis for Gene Coexpression Networks with Network Integration. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015 , 12, 1146-60	3	21
312	Some bounds for the spectral radius of nonnegative tensors. <i>Numerische Mathematik</i> , 2015 , 130, 315-335.2	2	25
311	A contrast maximization method for color-to-grayscale conversion. <i>Multidimensional Systems and Signal Processing</i> , 2015 , 26, 869-877	1.8	6
310	Semi-supervised low-rank mapping learning for multi-label classification 2015 ,		1
309	Multiple networks modules identification by a multi-dimensional Markov chain method. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , 2015 , 4, 1	1.6	4
308	Primitive tensors and directed hypergraphs. <i>Linear Algebra and Its Applications</i> , 2015 , 471, 96-108	0.9	8
307	Collective prediction of protein functions from protein-protein interaction networks. <i>BMC Bioinformatics</i> , 2014 , 15 Suppl 2, S9	3.6	13
306	Sparse label-indicator optimization methods for image classification. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 1002-14	8.7	5

305	Reducing Artifacts in JPEG Decompression Via a Learned Dictionary. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 718-728	4.8	106
304	Multi-label collective classification via Markov chain based learning method. <i>Knowledge-Based Systems</i> , 2014 , 63, 1-14	7.3	14
303	Patterned Fabric Inspection and Visualization by the Method of Image Decomposition. <i>IEEE Transactions on Automation Science and Engineering</i> , 2014 , 11, 943-947	4.9	54
302	Cotransfer Learning Using Coupled Markov Chains with Restart. <i>IEEE Intelligent Systems</i> , 2014 , 29, 26-33	4.2	16
301	ForesTexter: An efficient random forest algorithm for imbalanced text categorization. <i>Knowledge-Based Systems</i> , 2014 , 67, 105-116	7.3	75
300	A New Convex Optimization Model for Multiplicative Noise and Blur Removal. <i>SIAM Journal on Imaging Sciences</i> , 2014 , 7, 456-475	1.9	102
299	Multi-Phase Texture Segmentation Using Gabor Features Histograms Based on Wasserstein Distance. <i>Communications in Computational Physics</i> , 2014 , 15, 1480-1500	2.4	1
298	On the limiting probability distribution of a transition probability tensor. <i>Linear and Multilinear Algebra</i> , 2014 , 62, 362-385	0.7	94
297	Weighted Toeplitz Regularized Least Squares Computation for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2014 , 36, B94-B121	2.6	18
296	Birkhoff-von Neumann Theorem for Multistochastic Tensors. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2014 , 35, 956-973	1.5	19
295	A Variational Approach for Image Decolorization by Variance Maximization. <i>SIAM Journal on Imaging Sciences</i> , 2014 , 7, 944-968	1.9	12
294	Feature weight estimation for gene selection: a local hyperlinear learning approach. <i>BMC Bioinformatics</i> , 2014 , 15, 70	3.6	28
293	Preconditioning Techniques for Diagonal-times-Toeplitz Matrices in Fractional Diffusion Equations. <i>SIAM Journal of Scientific Computing</i> , 2014 , 36, A2698-A2719	2.6	97
292	A tensor-based Markov chain method for module identification from multiple networks 2014 ,		1
291	The Perturbation Bound for the Spectral Radius of a Nonnegative Tensor. <i>Advances in Numerical Analysis</i> , 2014 , 2014, 1-10		3
290	MultiComm: Finding Community Structure in Multi-Dimensional Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 929-941	4.2	53
289	On condition numbers of the spectral projections associated with periodic eigenproblems. <i>Journal of Computational and Applied Mathematics</i> , 2014 , 272, 417-429	2.4	1
288	Superlinear Convergence of a General Algorithm for the Generalized Foley-Bammon Discriminant Analysis. <i>Journal of Optimization Theory and Applications</i> , 2013 , 157, 853-865	1.6	7

287	Sparse canonical correlation analysis: new formulation and algorithm. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2013 , 35, 3050-65	13.3	65
286	Higher-Order Markov Chains. <i>Profiles in Operations Research</i> , 2013 , 141-176	1	5
285	Hidden Markov Chains. <i>Profiles in Operations Research</i> , 2013 , 201-230	1	1
284	Deblurring and Sparse Unmixing for Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 4045-4058	8.1	121
283	Markov Decision Processes for Customer Lifetime Value. <i>Profiles in Operations Research</i> , 2013 , 107-139	1	
282	A fast minimization method for blur and multiplicative noise removal. <i>International Journal of Computer Mathematics</i> , 2013 , 90, 48-61	1.2	13
281	Coupled variational image decomposition and restoration model for blurred cartoon-plus-texture images with missing pixels. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 2233-46	8.7	55
280	Markov-Miml: A Markov chain-based multi-instance multi-label learning algorithm. <i>Knowledge and Information Systems</i> , 2013 , 37, 83-104	2.4	22
279	MultiFacTV: module detection from higher-order time series biological data. <i>BMC Genomics</i> , 2013 , 14 Suppl 4, S2	4.5	3
278	Transductive Multilabel Learning via Label Set Propagation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 704-719	4.2	88
277	A Variational Histogram Equalization Method for Image Contrast Enhancement. <i>SIAM Journal on Imaging Sciences</i> , 2013 , 6, 1823-1849	1.9	8
276	On ℓ_1 Data Fitting and Concave Regularization for Image Recovery. <i>SIAM Journal of Scientific Computing</i> , 2013 , 35, A397-A430	2.6	32
275	A Variational Approach for Image Stitching I. <i>SIAM Journal on Imaging Sciences</i> , 2013 , 6, 1318-1344	1.9	6
274	Dictionary learning-based subspace structure identification in spectral clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 1188-99	10.3	19
273	Stratified sampling for feature subspace selection in random forests for high dimensional data. <i>Pattern Recognition</i> , 2013 , 46, 769-787	7.7	93
272	Construction and analysis of single nucleotide polymorphism-single nucleotide polymorphism interaction networks. <i>IET Systems Biology</i> , 2013 , 7, 170-81	1.4	
271	Efficient Box-Constrained TV-Type- ℓ_1 Algorithms for Restoring Images with Impulse Noise. <i>Journal of Computational Mathematics</i> , 2013 , 31, 249-270	2.1	20
270	A Variational Method for Expanding the Bit-Depth of Low Contrast Image. <i>Lecture Notes in Computer Science</i> , 2013 , 54-65	0.9	

269	Block-diagonal discriminant analysis and its bias-corrected rules. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013 , 12, 347-59	1.2	3
268	A Variational Approach for Image Stitching II: Using Image Gradients. <i>SIAM Journal on Imaging Sciences</i> , 2013 , 6, 1345-1366	1.9	6
267	The perturbation bound for the Perron vector of a transition probability tensor. <i>Numerical Linear Algebra With Applications</i> , 2013 , 20, 985-1000	1.6	16
266	Total Variation Structured Total Least Squares Method for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2013 , 35, B1304-B1320	2.6	59
265	The Convex Relaxation Method on Deconvolution Model with Multiplicative Noise. <i>Communications in Computational Physics</i> , 2013 , 13, 1066-1092	2.4	18
264	Multi-view foreground segmentation via fourth order tensor learning. <i>Inverse Problems and Imaging</i> , 2013 , 7, 885-906	2.1	1
263	Sparse-MIML: A Sparsity-Based Multi-Instance Multi-Learning Algorithm. <i>Lecture Notes in Computer Science</i> , 2013 , 294-306	0.9	2
262	Multivariate Markov Chains. <i>Profiles in Operations Research</i> , 2013 , 177-200	1	
261	Manufacturing and Re-manufacturing Systems. <i>Profiles in Operations Research</i> , 2013 , 77-96	1	
260	Queueing Systems and the Web. <i>Profiles in Operations Research</i> , 2013 , 47-76	1	1
259	A variational method for multiple-image blending. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1809-1822	2.2	19
258	Coupled segmentation and denoising/deblurring models for hyperspectral material identification. <i>Numerical Linear Algebra With Applications</i> , 2012 , 19, 153-173	1.6	33
257	On adaptively accelerated Arnoldi method for computing PageRank. <i>Numerical Linear Algebra With Applications</i> , 2012 , 19, 73-85	1.6	13
256	HAR: Hub, Authority and Relevance Scores in Multi-Relational Data for Query Search 2012 ,		36
255	Perturbation Analysis for Antitriangular Schur Decomposition. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2012 , 33, 325-335	1.5	3
254	Double Mover-Stayer model on customer switching in telecommunications industry. <i>Naval Research Logistics</i> , 2012 , 59, 663-674	1.5	1
253	Non-Lipschitz lp-regularization and box constrained model for image restoration. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4709-21	8.7	71
252	Multiplicative noise removal via a learned dictionary. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4534-43	8.7	62

251	SNP selection and classification of genome-wide SNP data using stratified sampling random forests. <i>IEEE Transactions on Nanobioscience</i> , 2012 , 11, 216-27	3.4	41
250	SNMFCA: supervised NMF-based image classification and annotation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4508-21	8.7	39
249	A semisupervised segmentation model for collections of images. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 2955-68	8.7	17
248	On computation of the steady-state probability distribution of probabilistic Boolean networks with gene perturbation. <i>Journal of Computational and Applied Mathematics</i> , 2012 , 236, 4067-4081	2.4	10
247	On Algorithms for Automatic Deblurring from a Single Image. <i>Journal of Computational Mathematics</i> , 2012 , 30, 80-100	2.1	12
246	Co-transfer learning via joint transition probability graph based method 2012 ,		16
245	Sparse Orthogonal Linear Discriminant Analysis. <i>SIAM Journal of Scientific Computing</i> , 2012 , 34, A2421-A2443	4.4	4
244	On Multivariate Markov Chains for Common and Non-Common Objects in Multiple Networks. <i>Numerical Mathematics</i> , 2012 , 5, 384-402	1.5	2
243	Z-Transform and preconditioning techniques for option pricing. <i>Quantitative Finance</i> , 2012 , 12, 1381-1394	4.6	9
242	Feature Weighting by RELIEF Based on Local Hyperplane Approximation. <i>Lecture Notes in Computer Science</i> , 2012 , 335-346	0.9	4
241	Inexact Alternating Direction Methods for Image Recovery. <i>SIAM Journal of Scientific Computing</i> , 2011 , 33, 1643-1668	2.6	58
240	Blind deconvolution using generalized cross-validation approach to regularization parameter estimation. <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 670-80	8.7	57
239	Compression and denoising using l_0 -norm. <i>Computational Optimization and Applications</i> , 2011 , 50, 425-444	4.4	5
238	Fast minimization methods for solving constrained total-variation superresolution image reconstruction. <i>Multidimensional Systems and Signal Processing</i> , 2011 , 22, 259-286	1.8	12
237	SNP and gene networks construction and analysis from classification of copy number variations data. <i>BMC Bioinformatics</i> , 2011 , 12 Suppl 5, S4	3.6	10
236	On sparse linear discriminant analysis algorithm for high-dimensional data classification. <i>Numerical Linear Algebra With Applications</i> , 2011 , 18, 223-235	1.6	12
235	Approximate inverse-free preconditioners for Toeplitz matrices. <i>Applied Mathematics and Computation</i> , 2011 , 217, 6856-6867	2.7	4
234	Restoration of images corrupted by mixed Gaussian-impulse noise via l_1 minimization. <i>Pattern Recognition</i> , 2011 , 44, 1708-1720	7.7	136

233	A Relaxed Dimensional Factorization preconditioner for the incompressible Navier-Stokes equations. <i>Journal of Computational Physics</i> , 2011 , 230, 6185-6202	4.1	68
232	On selection of spatial-varying regularization parameters in total variation image restoration 2011 ,		1
231	A Total Variation Model for Retinex. <i>SIAM Journal on Imaging Sciences</i> , 2011 , 4, 345-365	1.9	135
230	Option Valuation with a Discrete-Time Double Markovian Regime-Switching Model. <i>Applied Mathematical Finance</i> , 2011 , 18, 473-490	0.9	5
229	ON GENE SELECTION AND CLASSIFICATION FOR CANCER MICROARRAY DATA USING MULTI-STEP CLUSTERING AND SPARSE REPRESENTATION. <i>Advances in Adaptive Data Analysis</i> , 2011 , 03, 127-148		1
228	Minimax current density coil design. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 095001	3	29
227	Accurate Vascular Delay Estimation from Low-Temporal Resolution Image Data Set [Life Sciences]. <i>IEEE Signal Processing Magazine</i> , 2010 , 27, 155-158	9.4	1
226	Variational Fuzzy Mumford-Shah Model for Image Segmentation. <i>SIAM Journal on Applied Mathematics</i> , 2010 , 70, 2750-2770	1.8	25
225	Solving Constrained Total-variation Image Restoration and Reconstruction Problems via Alternating Direction Methods. <i>SIAM Journal of Scientific Computing</i> , 2010 , 32, 2710-2736	2.6	163
224	Approximate Inverse Circulant-plus-Diagonal Preconditioners for Toeplitz-plus-Diagonal Matrices. <i>SIAM Journal of Scientific Computing</i> , 2010 , 32, 1442-1464	2.6	28
223	A Multiphase Image Segmentation Method Based on Fuzzy Region Competition. <i>SIAM Journal on Imaging Sciences</i> , 2010 , 3, 277-299	1.9	77
222	Multiplicative Noise Removal with Spatially Varying Regularization Parameters. <i>SIAM Journal on Imaging Sciences</i> , 2010 , 3, 1-20	1.9	52
221	Fast Algorithms for the Generalized Foley-Sammon Discriminant Analysis. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010 , 31, 1584-1605	1.5	27
220	Finding the Largest Eigenvalue of a Nonnegative Tensor. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010 , 31, 1090-1099	1.5	190
219	Fast nonconvex nonsmooth minimization methods for image restoration and reconstruction. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 3073-88	8.7	174
218	On the total variation dictionary model. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 821-5	8.7	20
217	Hyperspectral image segmentation, deblurring, and spectral analysis for material identification 2010 ,		3
216	Option Valuation under a Multivariate Markov Chain Model 2010 ,		3

215	Decay in Functions of Multiband Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010 , 31, 2721-2737	1.5	7
214	Knowledge-based vector space model for text clustering. <i>Knowledge and Information Systems</i> , 2010 , 25, 35-55	2.4	53
213	Inverse product Toeplitz preconditioners for non-Hermitian Toeplitz systems. <i>Numerical Algorithms</i> , 2010 , 54, 279-295	2.1	1
212	Construction of gene networks with hybrid approach from expression profile and gene ontology. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2010 , 14, 107-18		6
211	Prior knowledge based mining functional modules from Yeast PPI networks with gene ontology. <i>BMC Bioinformatics</i> , 2010 , 11 Suppl 11, S3	3.6	3
210	SKM-SNP: SNP markers detection method. <i>Journal of Biomedical Informatics</i> , 2010 , 43, 233-9	10.2	9
209	Numerical methods for interactive multiple-class image segmentation problems. <i>International Journal of Imaging Systems and Technology</i> , 2010 , 20, 191-201	2.5	7
208	On cluster tree for nested and multi-density data clustering. <i>Pattern Recognition</i> , 2010 , 43, 3130-3143	7.7	12
207	Product-type block preconditioners for electromagnetic cavity problems. <i>Applied Mathematics and Computation</i> , 2010 , 216, 1741-1751	2.7	1
206	Shrunken methodology to genome-wide SNPs selection and construction of SNPs networks. <i>BMC Systems Biology</i> , 2010 , 4 Suppl 2, S5	3.5	6
205	Kernel Density Estimation Based Multiphase Fuzzy Region Competition Method for Texture Image Segmentation. <i>Communications in Computational Physics</i> , 2010 , 8, 623-641	2.4	19
204	Alternating Minimization Method for Total Variation Based Wavelet Shrinkage Model. <i>Communications in Computational Physics</i> , 2010 , 8, 976-994	2.4	26
203	Preconditioned Iterative Methods for Algebraic Systems from Multiplicative Half-Quadratic Regularization Image Restorations. <i>Numerical Mathematics</i> , 2010 , 3, 461-474	1.5	2
202	Exploiting Word Cluster Information for Unsupervised Feature Selection. <i>Lecture Notes in Computer Science</i> , 2010 , 292-303	0.9	1
201	A new fuzzy k-modes clustering algorithm for categorical data. <i>International Journal of Granular Computing, Rough Sets and Intelligent Systems</i> , 2009 , 1, 105		13
200	Mining, modeling, and evaluation of subnetworks from large biomolecular networks and its comparison study. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009 , 13, 184-94		12
199	Improved residue function and reduced flow dependence in MR perfusion using least-absolute-deviation regularization. <i>Magnetic Resonance in Medicine</i> , 2009 , 61, 418-28	4.4	11
198	Categorical Data Clustering with Automatic Selection of Cluster Number. <i>Fuzzy Information and Engineering</i> , 2009 , 1, 5-25	0.5	13

197	A novel peak detection approach with chemical noise removal using short-time FFT for prOTOF MS data. <i>Proteomics</i> , 2009 , 9, 3833-42	4.8	8
196	Approximation BFGS methods for nonlinear image restoration. <i>Journal of Computational and Applied Mathematics</i> , 2009 , 226, 84-91	2.4	8
195	A high-order Markov-switching model for risk measurement. <i>Computers and Mathematics With Applications</i> , 2009 , 58, 1-10	2.7	20
194	Fast Image Restoration Methods for Impulse and Gaussian Noises Removal. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 457-460	3.2	47
193	Selection of regularization parameter in total variation image restoration. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2009 , 26, 2311-20	1.8	60
192	SMART: a subspace clustering algorithm that automatically identifies the appropriate number of clusters. <i>International Journal of Data Mining, Modelling and Management</i> , 2009 , 1, 149	0.2	8
191	L0-Norm and Total Variation for Wavelet Inpainting. <i>Lecture Notes in Computer Science</i> , 2009 , 539-551	0.9	6
190	On Preconditioned Iterative Methods for Certain Time-Dependent Partial Differential Equations. <i>SIAM Journal on Numerical Analysis</i> , 2009 , 47, 1019-1037	2.4	21
189	A Fast ℓ_1 -TV Algorithm for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2009 , 31, 2322-2341	4.1	48
188	A New Total Variation Method for Multiplicative Noise Removal. <i>SIAM Journal on Imaging Sciences</i> , 2009 , 2, 20-40	1.9	207
187	Constraint Preconditioners for Symmetric Indefinite Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2009 , 31, 410-433	1.5	121
186	A semi-supervised approach to projected clustering with applications to microarray data. <i>International Journal of Data Mining and Bioinformatics</i> , 2009 , 3, 229-59	0.5	6
185	Soft Subspace Clustering for High-Dimensional Data 2009 , 1810-1814		
184	Agglomerative Fuzzy K-Means Clustering Algorithm with Selection of Number of Clusters. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2008 , 20, 1519-1534	4.2	152
183	Block Diagonal and Schur Complement Preconditioners for Block-Toeplitz Systems with Small Size Blocks. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2008 , 29, 1101-1119	1.5	5
182	Super-Resolution Reconstruction Algorithm To MODIS Remote Sensing Images. <i>Computer Journal</i> , 2008 , 52, 90-100	1.3	66
181	A Fast Total Variation Minimization Method for Image Restoration. <i>Multiscale Modeling and Simulation</i> , 2008 , 7, 774-795	1.8	150
180	Iterative Algorithms Based on Decoupling of Deblurring and Denoising for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2008 , 30, 2655-2674	2.6	56

179	Efficient Reconstruction of Piecewise Constant Images Using Nonsmooth Nonconvex Minimization. <i>SIAM Journal on Imaging Sciences</i> , 2008 , 1, 2-25	1.9	127
178	Efficient total variation minimization methods for color image restoration. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 2081-8	8.7	53
177	Unidimensional nonnegative scaling for genome-wide linkage disequilibrium maps. <i>International Journal of Bioinformatics Research and Applications</i> , 2008 , 4, 417-34	0.9	1
176	Analyses and Algorithms for Predecessor and Control Problems for Boolean Networks of Bounded Indegree. <i>IPSJ Transactions on Bioinformatics</i> , 2008 , 1, 23-34	1.3	2
175	On inexact hermitian and skew-Hermitian splitting methods for non-Hermitian positive definite linear systems. <i>Linear Algebra and Its Applications</i> , 2008 , 428, 413-440	0.9	143
174	Higher-order multivariate Markov chains and their applications. <i>Linear Algebra and Its Applications</i> , 2008 , 428, 492-507	0.9	51
173	Strategies for identifying statistically significant dense regions in microarray data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2007 , 4, 415-29	3	5
172	On successive-overrelaxation acceleration of the Hermitian and skew-Hermitian splitting iterations. <i>Numerical Linear Algebra With Applications</i> , 2007 , 14, 319-335	1.6	126
171	Constrained unidimensional scaling with application to genomics. <i>Computational Statistics and Data Analysis</i> , 2007 , 52, 201-210	1.6	0
170	Maximum inverse positive matrices. <i>Applied Mathematics Letters</i> , 2007 , 20, 65-69	3.5	1
169	Tikhonov regularization for weighted total least squares problems. <i>Applied Mathematics Letters</i> , 2007 , 20, 82-87	3.5	11
168	Control of Boolean networks: hardness results and algorithms for tree structured networks. <i>Journal of Theoretical Biology</i> , 2007 , 244, 670-9	2.3	358
167	An efficient algorithm for superresolution in medium field imaging. <i>Multidimensional Systems and Signal Processing</i> , 2007 , 18, 173-188	1.8	4
166	Superresolution imaging: Theory, Algorithms and Applications. <i>Multidimensional Systems and Signal Processing</i> , 2007 , 18, 57-58	1.8	5
165	Super-resolution reconstruction in a computational compound-eye imaging system. <i>Multidimensional Systems and Signal Processing</i> , 2007 , 18, 83-101	1.8	22
164	On Semismooth Newton's Methods for Total Variation Minimization. <i>Journal of Mathematical Imaging and Vision</i> , 2007 , 27, 265-276	1.6	67
163	Superresolution image reconstruction using fast inpainting algorithms. <i>Applied and Computational Harmonic Analysis</i> , 2007 , 23, 3-24	3.1	42
162	A semi-supervised regression model for mixed numerical and categorical variables. <i>Pattern Recognition</i> , 2007 , 40, 1745-1752	7.7	7

161	Combining functional and linkage disequilibrium information in the selection of tag SNPs. <i>Bioinformatics</i> , 2007 , 23, 129-31	7.2	26
160	Zoom-based super-resolution reconstruction approach using prior total variation. <i>Optical Engineering</i> , 2007 , 46, 127003	1.1	15
159	An approximation method for solving the steady-state probability distribution of probabilistic Boolean networks. <i>Bioinformatics</i> , 2007 , 23, 1511-8	7.2	64
158	Algorithms for finding small attractors in Boolean networks. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2007 , 20180		46
157	On mining micro-array data by Order-Preserving Submatrix. <i>International Journal of Bioinformatics Research and Applications</i> , 2007 , 3, 42-64	0.9	17
156	Simulation study in Probabilistic Boolean Network models for genetic regulatory networks. <i>International Journal of Data Mining and Bioinformatics</i> , 2007 , 1, 217-40	0.5	36
155	A Total Variation Regularization Based Super-Resolution Reconstruction Algorithm for Digital Video. <i>Eurasip Journal on Advances in Signal Processing</i> , 2007 , 2007,	1.9	113
154	CpG/CpNpG motifs in the coding region are preferred sites for mutagenesis in the breast cancer susceptibility genes. <i>FEBS Letters</i> , 2007 , 581, 4668-74	3.8	6
153	On the impact of dissimilarity measure in k-modes clustering algorithm. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2007 , 29, 503-7	13.3	138
152	On Preconditioned Iterative Methods for Burgers Equations. <i>SIAM Journal of Scientific Computing</i> , 2007 , 29, 415-439	2.6	34
151	An Entropy Weighting k-Means Algorithm for Subspace Clustering of High-Dimensional Sparse Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2007 , 19, 1026-1041	4.2	345
150	Weighting Method for Feature Selection in K-Means. <i>Chapman & Hall/CRC Data Mining and Knowledge Discovery Series</i> , 2007 , 193-209		9
149	CIDER: Corrected Inverse-Denoising Filter for Image Restoration. <i>Lecture Notes in Computer Science</i> , 2007 , 112-126	0.9	
148	On sparse Fisher discriminant method for microarray data analysis. <i>Bioinformatics</i> , 2007 , 2, 230-4	1.1	15
147	Developing a Knowledge-based Intelligent Services System in Sports Websites. <i>Studies in Computational Intelligence</i> , 2007 , 535-554	0.8	
146	A Comparative Study of Ontology Based Term Similarity Measures on PubMed Document Clustering 2007 , 115-126		36
145	Fast solvers for queueing systems with negative customers 2006 ,		1
144	A linear programming approach for determining optimal advertising policy. <i>IMA Journal of Management Mathematics</i> , 2006 , 17, 83-96	1.4	9

143	A recursive method for solving haplotype frequencies with application to genetics. <i>Journal of Bioinformatics and Computational Biology</i> , 2006 , 4, 1269-85	1	
142	Clustering of SNP Data with Application to Genomics 2006 ,		2
141	Input Validation for Semi-supervised Clustering 2006 ,		2
140	Efficient Minimization Methods of Mixed l_2 - l_1 and l_1 - l_1 Norms for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2006 , 27, 1881-1902	2.6	121
139	Preconditioned Iterative Methods for Weighted Toeplitz Least Squares Problems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2006 , 27, 1106-1124	1.5	54
138	Structured Total Least Squares for Color Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2006 , 28, 1100-1119	2.6	9
137	A Fast Algorithm for Image Super-Resolution from Blurred Observations. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006 , 2006, 1	1.9	10
136	Regression for ordinal variables without underlying continuous variables. <i>Information Sciences</i> , 2006 , 176, 465-474	7.7	36
135	On Drazin inverse of singular Toeplitz matrix. <i>Applied Mathematics and Computation</i> , 2006 , 172, 809-817	2.7	13
134	New preconditioners for saddle point problems. <i>Applied Mathematics and Computation</i> , 2006 , 172, 762-774	2.7	116
133	Effects of a parameter on a nonsymmetric algebraic Riccati equation. <i>Applied Mathematics and Computation</i> , 2006 , 172, 753-761	2.7	2
132	Deconvolution of 2D coincident Doppler broadening spectroscopy using the Richardson-Lucy algorithm. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 552-557	1.2	9
131	Gene expression time series modeling with principal component and neural network. <i>Soft Computing</i> , 2006 , 10, 351-358	3.5	3
130	A Control Model for Markovian Genetic Regulatory Networks. <i>Lecture Notes in Computer Science</i> , 2006 , 36-48	0.9	20
129	Factorized Banded Inverse Preconditioners for Matrices with Toeplitz Structure. <i>SIAM Journal of Scientific Computing</i> , 2005 , 26, 1852-1870	2.6	14
128	Analysis of Half-Quadratic Minimization Methods for Signal and Image Recovery. <i>SIAM Journal of Scientific Computing</i> , 2005 , 27, 937-966	2.6	258
127	On Inexact Preconditioners for Nonsymmetric Matrices. <i>SIAM Journal of Scientific Computing</i> , 2005 , 26, 1710-1724	2.6	84
126	On a multivariate Markov chain model for credit risk measurement. <i>Quantitative Finance</i> , 2005 , 5, 543-556		25

125	Automated variable weighting in k-means type clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 657-68	13.3	439
124	On Computation with Higher-order Markov Chains 2005 , 15-24		2
123	A hybrid algorithm for spatial and wavelet domain image restoration 2005 ,		2
122	Wavelet based methods on patterned fabric defect detection. <i>Pattern Recognition</i> , 2005 , 38, 559-576	7.7	155
121	Alternating splitting waveform relaxation method and its successive overrelaxation acceleration. <i>Computers and Mathematics With Applications</i> , 2005 , 49, 157-170	2.7	10
120	Image restoration by cosine transform-based iterative regularization. <i>Applied Mathematics and Computation</i> , 2005 , 160, 499-515	2.7	3
119	Iterative methods for Robbins problems. <i>Applied Mathematics and Computation</i> , 2005 , 165, 103-125	2.7	4
118	An evaluation of algorithms for the deconvolution of Doppler broadening positron annihilation radiation spectroscopy spectra. <i>Computer Physics Communications</i> , 2005 , 168, 177-186	4.2	1
117	Displacement structure of group inverses. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 103-110	1.6	16
116	Super-resolution image reconstruction using multisensors. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 271-281	1.6	3
115	Two-step waveform relaxation methods for implicit linear initial value problems. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 293-304	1.6	14
114	Numerical behaviour of multigrid methods for symmetric Sinc-Galerkin systems. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 261-269	1.6	6
113	The eigenvalues of preconditioned matrices for linear multistep formulas in boundary value form. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 315-325	1.6	1
112	A direct method for solving block-Toeplitz with near-circulant-block systems with applications to hybrid manufacturing systems. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 957-966	1.6	2
111	Splitting iterations for circulant-plus-diagonal systems. <i>Numerical Linear Algebra With Applications</i> , 2005 , 12, 779-792	1.6	9
110	Super-Resolution Image Restoration from Blurred Low-Resolution Images. <i>Journal of Mathematical Imaging and Vision</i> , 2005 , 23, 367-378	1.6	14
109	Extracting Information from Spot Interest Rates and Credit Ratings using Double Higher-Order Hidden Markov Models. <i>Computational Economics</i> , 2005 , 26, 69-102	1.4	9
108	CLUSTAG: hierarchical clustering and graph methods for selecting tag SNPs. <i>Bioinformatics</i> , 2005 , 21, 1735-6	7.2	59

107	A Hybrid Numerical Algorithm for Computing Page Rank 2005 , 257-264		
106	On construction of stochastic genetic networks based on gene expression sequences. <i>International Journal of Neural Systems</i> , 2005 , 15, 297-310	6.2	40
105	Fast Algorithms for l1 Norm/Mixed l1 and l2 Norms for Image Restoration. <i>Lecture Notes in Computer Science</i> , 2005 , 843-851	0.9	2
104	Subspace Clustering of Text Documents with Feature Weighting K-Means Algorithm. <i>Lecture Notes in Computer Science</i> , 2005 , 802-812	0.9	42
103	ON THE COMPLEXITY OF FINDING CONTROL STRATEGIES FOR BOOLEAN NETWORKS 2005 ,		2
102	Modeling Gene Expression Network with PCA-NN on Continuous Inputs and Outputs Basis 2005 , 209-214		0
101	On the Performance of Feature Weighting K-Means for Text Subspace Clustering. <i>Lecture Notes in Computer Science</i> , 2005 , 502-512	0.9	5
100	An Efficient Algorithm for Dense Regions Discovery from Large-Scale Data Streams. <i>Lecture Notes in Computer Science</i> , 2004 , 116-120	0.9	4
99	HARP: a practical projected clustering algorithm. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2004 , 16, 1387-1397	4.2	96
98	Customer lifetime value: stochastic optimization approach. <i>Journal of the Operational Research Society</i> , 2004 , 55, 860-868	2	34
97	Mining of Web-Page Visiting Patterns with Continuous-Time Markov Models. <i>Lecture Notes in Computer Science</i> , 2004 , 549-558	0.9	3
96	Identifying projected clusters from gene expression profiles. <i>Journal of Biomedical Informatics</i> , 2004 , 37, 345-57	10.2	8
95	A hybrid algorithm for queueing systems. <i>Calcolo</i> , 2004 , 41, 139-151	1.5	4
94	An optimization algorithm for clustering using weighted dissimilarity measures. <i>Pattern Recognition</i> , 2004 , 37, 943-952	7.7	157
93	Localization of Perron roots. <i>Linear Algebra and Its Applications</i> , 2004 , 392, 103-117	0.9	7
92	On sufficient and necessary conditions for the Jacobi matrix inverse eigenvalue problem. <i>Numerische Mathematik</i> , 2004 , 98, 167-176	2.2	10
91	Weighted Tikhonov filter matrices for ill-posed problems. <i>Applied Mathematics and Computation</i> , 2004 , 149, 411-422	2.7	5
90	High-resolution image reconstruction from rotated and translated low-resolution images with multisensors. <i>International Journal of Imaging Systems and Technology</i> , 2004 , 14, 75-83	2.5	2

89	Wavelet algorithms for deblurring models. <i>International Journal of Imaging Systems and Technology</i> , 2004 , 14, 113-121	2.5	9
88	The use of super-resolution techniques to reduce slice thickness in functional MRI. <i>International Journal of Imaging Systems and Technology</i> , 2004 , 14, 131-138	2.5	49
87	Higher-order Markov chain models for categorical data sequences*. <i>Naval Research Logistics</i> , 2004 , 51, 557-574	1.5	41
86	Fast inversion of triangular Toeplitz matrices. <i>Theoretical Computer Science</i> , 2004 , 315, 511-523	1.1	19
85	Preconditioning regularized least squares problems arising from high-resolution image reconstruction from low-resolution frames. <i>Linear Algebra and Its Applications</i> , 2004 , 391, 149-168	0.9	4
84	Computing Moore-Penrose inverses of Toeplitz matrices by Newton's iteration. <i>Mathematical and Computer Modelling</i> , 2004 , 40, 181-191		37
83	Exact algorithms for singular tridiagonal systems with applications to Markov chains. <i>Applied Mathematics and Computation</i> , 2004 , 159, 275-289	2.7	5
82	A note on the stability of Toeplitz matrix inversion formulas. <i>Applied Mathematics Letters</i> , 2004 , 17, 903-907	0.7	7
81	Classroom note: Building simple hidden Markov models. <i>International Journal of Mathematical Education in Science and Technology</i> , 2004 , 35, 296-299	0.5	0
80	Hidden Markov models and their applications to customer relationship management. <i>IMA Journal of Management Mathematics</i> , 2004 , 15, 13-24	1.4	16
79	Restoration of images with optical aberrations and quantization in a transform domain 2004 , 5299, 93		
78	A Feature Weighting Approach to Building Classification Models by Interactive Clustering. <i>Lecture Notes in Computer Science</i> , 2004 , 284-294	0.9	3
77	Unsupervised Dense Regions Discovery in DNA Microarray Data. <i>Lecture Notes in Computer Science</i> , 2004 , 71-77	0.9	
76	A data warehousing and data mining framework for web usage management. <i>Communications in Information and Systems</i> , 2004 , 4, 301-324	0.8	1
75	A Clustering Model for Mining Evolving Web User Patterns in Data Stream Environment. <i>Lecture Notes in Computer Science</i> , 2004 , 565-571	0.9	2
74	An Efficient Multidimensional Data Model for Web Usage Mining. <i>Lecture Notes in Computer Science</i> , 2004 , 373-383	0.9	1
73	Building Genetic Networks for Gene Expression Patterns. <i>Lecture Notes in Computer Science</i> , 2004 , 17-24	0.9	1
72	Discretization of Multidimensional Web Data for Informative Dense Regions Discovery. <i>Lecture Notes in Computer Science</i> , 2004 , 718-724	0.9	2

71	Deconvolution of positron annihilation coincidence Doppler broadening spectra using an iterative projected Newton method with non-negativity constraints. <i>Review of Scientific Instruments</i> , 2003 , 74, 4779-4787	1.7	4
70	AN HIGHER-ORDER MARKOV CHAIN MODEL FOR PREDICTION OF CATEGORICAL DATA SEQUENCES 2003 ,		2
69	Higher-Order Hidden Markov Models with Applications to DNA Sequences. <i>Lecture Notes in Computer Science</i> , 2003 , 535-539	0.9	12
68	Band-Toeplitz Preconditioned GMRES Iterations for Time-Dependent PDEs. <i>BIT Numerical Mathematics</i> , 2003 , 43, 901-914	1.7	12
67	A Data Cube Model for Prediction-Based Web Prefetching. <i>Journal of Intelligent Information Systems</i> , 2003 , 20, 11-30	2.1	23
66	Preconditioners for nonsymmetric block toeplitz-like-plus-diagonal linear systems. <i>Numerische Mathematik</i> , 2003 , 96, 197-220	2.2	40
65	A Note on K-modes Clustering. <i>Journal of Classification</i> , 2003 , 20, 257-261	1.2	42
64	Block \mathcal{H} -circulant preconditioners for the systems of differential equations. <i>Calcolo</i> , 2003 , 40, 71-90	1.5	18
63	Superresolution image reconstruction from blurred observations by multisensors. <i>International Journal of Imaging Systems and Technology</i> , 2003 , 13, 153-160	2.5	3
62	A hybrid preconditioner of banded matrix approximation and alternating direction implicit iteration for symmetric Sinc-Galerkin linear systems. <i>Linear Algebra and Its Applications</i> , 2003 , 366, 317-335	0.9	13
61	Discrete wavelet transforms for Toeplitz matrices. <i>Linear Algebra and Its Applications</i> , 2003 , 370, 269-285.	0.9	1
60	Circulant and skew-circulant splitting methods for Toeplitz systems. <i>Journal of Computational and Applied Mathematics</i> , 2003 , 159, 101-108	2.4	38
59	Kronecker Product Approximations for Image Restoration with Reflexive Boundary Conditions. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2003 , 25, 829-841	1.5	37
58	Mathematical analysis of super-resolution methodology. <i>IEEE Signal Processing Magazine</i> , 2003 , 20, 62-74.	4.4	93
57	Recursive-Based PCG Methods for Toeplitz Systems with Nonnegative Generating Functions. <i>SIAM Journal of Scientific Computing</i> , 2003 , 24, 1507-1529	2.6	12
56	Hermitian and Skew-Hermitian Splitting Methods for Non-Hermitian Positive Definite Linear Systems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2003 , 24, 603-626	1.5	716
55	A Graph-Based Optimization Algorithm for Website Topology Using Interesting Association Rules. <i>Lecture Notes in Computer Science</i> , 2003 , 178-190	0.9	3
54	A higher-order Markov model for the Newsboy's problem. <i>Journal of the Operational Research Society</i> , 2003 , 54, 291-298	2	20

53	Constrained total least-squares computations for high-resolution image reconstruction with multisensors. <i>International Journal of Imaging Systems and Technology</i> , 2002 , 12, 35-42	2.5	47
52	Fast color image restoration with multisensors. <i>International Journal of Imaging Systems and Technology</i> , 2002 , 12, 189-197	2.5	9
51	The best circulant preconditioners for Hermitian Toeplitz systems II: The multiple-zero case. <i>Numerische Mathematik</i> , 2002 , 92, 17-40	2.2	6
50	Block-circulant preconditioners for systems arising from discretization of the three-dimensional convection-diffusion equation. <i>Journal of Computational and Applied Mathematics</i> , 2002 , 140, 143-158	2.4	7
49	On inversion of Toeplitz matrices. <i>Linear Algebra and Its Applications</i> , 2002 , 348, 145-151	0.9	21
48	Clustering categorical data sets using tabu search techniques. <i>Pattern Recognition</i> , 2002 , 35, 2783-2790	7.7	69
47	. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 806-813		30
46	Fast Iterative Methods for Sinc Systems. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2002 , 24, 581-598		9
45	Constrained Total Least Squares for Color Image Reconstruction 2002 , 365-374		3
44	A Cube Model and Cluster Analysis for Web Access Sessions. <i>Lecture Notes in Computer Science</i> , 2002 , 48-67	0.9	10
43	Circulant Preconditioners for Indefinite Toeplitz Systems. <i>BIT Numerical Mathematics</i> , 2001 , 41, 1079-1088		2
42	The Convergence Rate of Block Preconditioned Systems Arising from LMF-based ODE Codes. <i>BIT Numerical Mathematics</i> , 2001 , 41, 433-450	1.7	9
41	A Fast MAP Algorithm for High-Resolution Image Reconstruction with Multisensors. <i>Multidimensional Systems and Signal Processing</i> , 2001 , 12, 143-164	1.8	32
40	High-Resolution Color Image Reconstruction with Neumann Boundary Conditions. <i>Annals of Operations Research</i> , 2001 , 103, 99-113	3.2	3
39	Strang-type preconditioners for systems of LMF-based ODE codes. <i>IMA Journal of Numerical Analysis</i> , 2001 , 21, 451-462	1.8	34
38	Comments on "Least squares restoration of multichannel images". <i>IEEE Transactions on Signal Processing</i> , 2001 , 49, 2885	4.8	4
37	Skew-Circulant Preconditioners for Systems of LMF-Based ODE Codes. <i>Lecture Notes in Computer Science</i> , 2001 , 93-101	0.9	11
36	A Fast Algorithm for High-Resolution Color Image Reconstruction with Multisensors. <i>Lecture Notes in Computer Science</i> , 2001 , 615-627	0.9	4

35	Preconditioned iterative methods for superresolution image reconstruction with multisensors 2000 ,		3
34	A new approach to constrained total least squares image restoration. <i>Linear Algebra and Its Applications</i> , 2000 , 316, 237-258	0.9	23
33	Cosine transform preconditioners for high resolution image reconstruction. <i>Linear Algebra and Its Applications</i> , 2000 , 316, 89-104	0.9	39
32	A note on constrained k-means algorithms. <i>Pattern Recognition</i> , 2000 , 33, 515-519	7.7	41
31	Fast Preconditioned Iterative Methods for Convolution-Type Integral Equations. <i>BIT Numerical Mathematics</i> , 2000 , 40, 336-350	1.7	
30	K-MEANS-TYPE ALGORITHMS ON DISTRIBUTED MEMORY COMPUTER. <i>International Journal of High Speed Computing</i> , 2000 , 11, 75-91		3
29	Regularization of RIF blind image deconvolution. <i>IEEE Transactions on Image Processing</i> , 2000 , 9, 1130-4	8.7	23
28	Preconditioned Lanczos Methods for the Minimum Eigenvalue of a Symmetric Positive Definite Toeplitz Matrix. <i>SIAM Journal of Scientific Computing</i> , 2000 , 21, 1973-1986	2.6	7
27	The Best Circulant Preconditioners for Hermitian Toeplitz Systems. <i>SIAM Journal on Numerical Analysis</i> , 2000 , 38, 876-896	2.4	18
26	Data-mining massive time series astronomical data: challenges, problems and solutions. <i>Information and Software Technology</i> , 1999 , 41, 545-556	3.4	13
25	A note on policy algorithms for discounted Markov decision problems. <i>Operations Research Letters</i> , 1999 , 25, 195-197	1	1
24	A fuzzy k-modes algorithm for clustering categorical data. <i>IEEE Transactions on Fuzzy Systems</i> , 1999 , 7, 446-452	8.3	261
23	Galerkin Projection Methods for Solving Multiple Linear Systems. <i>SIAM Journal of Scientific Computing</i> , 1999 , 21, 836-850	2.6	32
22	A Fast Algorithm for Deblurring Models with Neumann Boundary Conditions. <i>SIAM Journal of Scientific Computing</i> , 1999 , 21, 851-866	2.6	288
21	Preconditioned iterative methods for high-resolution image reconstruction with multisensors 1998 ,		13
20	Preconditioners for Wiener--Hopf Equations with High-Order Quadrature Rules. <i>SIAM Journal on Numerical Analysis</i> , 1997 , 34, 1418-1431	2.4	15
19	Preconditioning of elliptic problems by approximation in the transform domain. <i>BIT Numerical Mathematics</i> , 1997 , 37, 885-900	1.7	3
18	Band preconditioners for block-Toeplitz-Toeplitz-block systems. <i>Linear Algebra and Its Applications</i> , 1997 , 259, 307-327	0.9	22

17	FFT-based exponentially weighted recursive least squares computations. <i>Linear Algebra and Its Applications</i> , 1997 , 263, 167-191	0.9	
16	Conjugate Gradient Methods for Toeplitz Systems. <i>SIAM Review</i> , 1996 , 38, 427-482	7.4	562
15	Fast Recursive Least Squares Adaptive Filtering by Fast Fourier Transform-Based Conjugate Gradient Iterations. <i>SIAM Journal of Scientific Computing</i> , 1996 , 17, 920-941	2.6	16
14	Higher-order quadratures for circulant preconditioned Wiener-Hopf equations. <i>BIT Numerical Mathematics</i> , 1996 , 36, 110-121	1.7	2
13	Scientific applications of iterative Toeplitz solvers. <i>Calcolo</i> , 1996 , 33, 249-267	1.5	4
12	Generalization of Strang's Preconditioner with Applications to Toeplitz Least Squares Problems. <i>Numerical Linear Algebra With Applications</i> , 1996 , 3, 45-64	1.6	15
11	Sine transform based preconditioners for symmetric Toeplitz systems. <i>Linear Algebra and Its Applications</i> , 1996 , 232, 237-259	0.9	35
10	Generalization of Strang's Preconditioner with Applications to Toeplitz Least Squares Problems 1996 , 3, 45		7
9	Circulant integral operators as preconditioners for Wiener-Hopf equations. <i>Integral Equations and Operator Theory</i> , 1995 , 21, 12-23	0.5	7
8	Construction of preconditioners for Wiener-Hopf equations by operator splitting. <i>Applied Mathematics and Computation</i> , 1995 , 72, 77-96	2.7	3
7	Fastiterative methods for least squares estimations. <i>Numerical Algorithms</i> , 1994 , 6, 353-378	2.1	6
6	On discovery of extremely low-dimensional clusters using semi-supervised projected clustering		26
5	Identifying projected clusters from gene expression profiles		1
4	Super-resolution image restoration from blurred observations		3
3	Oversampling for Imbalanced Data via Optimal Transport. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 33, 5605-5612	5	11
2	Robust tensor train component analysis. <i>Numerical Linear Algebra With Applications</i> , e2403	1.6	0
1	Non-asymptotic Error Bound for Optimal Prediction of Function-on-Function Regression by RKHS Approach. <i>Acta Mathematica Sinica, English Series</i> , 1	0.6	