

Michael Ng

List of Publications by Citations

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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 | 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 |
| 501 | Conjugate Gradient Methods for Toeplitz Systems. <i>SIAM Review</i> , 1996 , 38, 427-482 | 7.4 | 562 |
| 500 | 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 |
| 499 | 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 |
| 498 | 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 |
| 497 | A Fast Algorithm for Deblurring Models with Neumann Boundary Conditions. <i>SIAM Journal of Scientific Computing</i> , 1999 , 21, 851-866 | 2.6 | 288 |
| 496 | A fuzzy k-modes algorithm for clustering categorical data. <i>IEEE Transactions on Fuzzy Systems</i> , 1999 , 7, 446-452 | 8.3 | 261 |
| 495 | 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 |
| 494 | A New Total Variation Method for Multiplicative Noise Removal. <i>SIAM Journal on Imaging Sciences</i> , 2009 , 2, 20-40 | 1.9 | 207 |
| 493 | Finding the Largest Eigenvalue of a Nonnegative Tensor. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010 , 31, 1090-1099 | 1.5 | 190 |
| 492 | In-hospital cardiac arrest outcomes among patients with COVID-19 pneumonia in Wuhan, China. <i>Resuscitation</i> , 2020 , 151, 18-23 | 4 | 181 |
| 491 | Fast nonconvex nonsmooth minimization methods for image restoration and reconstruction. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 3073-88 | 8.7 | 174 |
| 490 | 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 |
| 489 | An optimization algorithm for clustering using weighted dissimilarity measures. <i>Pattern Recognition</i> , 2004 , 37, 943-952 | 7.7 | 157 |
| 488 | Wavelet based methods on patterned fabric defect detection. <i>Pattern Recognition</i> , 2005 , 38, 559-576 | 7.7 | 155 |
| 487 | 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 |
| 486 | A Fast Total Variation Minimization Method for Image Restoration. <i>Multiscale Modeling and Simulation</i> , 2008 , 7, 774-795 | 1.8 | 150 |

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| 485 | 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 |
| 484 | 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 |
| 483 | Restoration of images corrupted by mixed Gaussian-impulse noise via l1-l2 minimization. <i>Pattern Recognition</i> , 2011 , 44, 1708-1720 | 7.7 | 136 |
| 482 | A Total Variation Model for Retinex. <i>SIAM Journal on Imaging Sciences</i> , 2011 , 4, 345-365 | 1.9 | 135 |
| 481 | Efficient Reconstruction of Piecewise Constant Images Using Nonsmooth Nonconvex Minimization. <i>SIAM Journal on Imaging Sciences</i> , 2008 , 1, 2-25 | 1.9 | 127 |
| 480 | 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 |
| 479 | Deblurring and Sparse Unmixing for Hyperspectral Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013 , 51, 4045-4058 | 8.1 | 121 |
| 478 | Constraint Preconditioners for Symmetric Indefinite Matrices. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2009 , 31, 410-433 | 1.5 | 121 |
| 477 | Efficient Minimization Methods of Mixed l2-l1 and l1-l1 Norms for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2006 , 27, 1881-1902 | 2.6 | 121 |
| 476 | New preconditioners for saddle point problems. <i>Applied Mathematics and Computation</i> , 2006 , 172, 762-774 | 1.7 | 116 |
| 475 | 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 |
| 474 | Reducing Artifacts in JPEG Decompression Via a Learned Dictionary. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 718-728 | 4.8 | 106 |
| 473 | 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 |
| 472 | 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 |
| 471 | HARP: a practical projected clustering algorithm. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2004 , 16, 1387-1397 | 4.2 | 96 |
| 470 | On the limiting probability distribution of a transition probability tensor. <i>Linear and Multilinear Algebra</i> , 2014 , 62, 362-385 | 0.7 | 94 |
| 469 | Stratified sampling for feature subspace selection in random forests for high dimensional data. <i>Pattern Recognition</i> , 2013 , 46, 769-787 | 7.7 | 93 |
| 468 | Mathematical analysis of super-resolution methodology. <i>IEEE Signal Processing Magazine</i> , 2003 , 20, 62-74 | 14.4 | 93 |

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| 467 | Transductive Multilabel Learning via Label Set Propagation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013 , 25, 704-719 | 4.2 | 88 |
| 466 | . <i>Proceedings of the IEEE</i> , 2018 , 106, 907-930 | 14.3 | 84 |
| 465 | On Inexact Preconditioners for Nonsymmetric Matrices. <i>SIAM Journal of Scientific Computing</i> , 2005 , 26, 1710-1724 | 2.6 | 84 |
| 464 | A Multiphase Image Segmentation Method Based on Fuzzy Region Competition. <i>SIAM Journal on Imaging Sciences</i> , 2010 , 3, 277-299 | 1.9 | 77 |
| 463 | ForesTexter: An efficient random forest algorithm for imbalanced text categorization. <i>Knowledge-Based Systems</i> , 2014 , 67, 105-116 | 7.3 | 75 |
| 462 | 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 |
| 461 | Clustering categorical data sets using tabu search techniques. <i>Pattern Recognition</i> , 2002 , 35, 2783-2790 | 7.7 | 69 |
| 460 | A Relaxed Dimensional Factorization preconditioner for the incompressible Navier-Stokes equations. <i>Journal of Computational Physics</i> , 2011 , 230, 6185-6202 | 4.1 | 68 |
| 459 | On Semismooth Newton Methods for Total Variation Minimization. <i>Journal of Mathematical Imaging and Vision</i> , 2007 , 27, 265-276 | 1.6 | 67 |
| 458 | Super-Resolution Reconstruction Algorithm To MODIS Remote Sensing Images. <i>Computer Journal</i> , 2008 , 52, 90-100 | 1.3 | 66 |
| 457 | 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 |
| 456 | An approximation method for solving the steady-state probability distribution of probabilistic Boolean networks. <i>Bioinformatics</i> , 2007 , 23, 1511-8 | 7.2 | 64 |
| 455 | Multiplicative noise removal via a learned dictionary. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4534-43 | 8.7 | 62 |
| 454 | 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 |
| 453 | Total Variation Structured Total Least Squares Method for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2013 , 35, B1304-B1320 | 2.6 | 59 |
| 452 | CLUSTAG: hierarchical clustering and graph methods for selecting tag SNPs. <i>Bioinformatics</i> , 2005 , 21, 1735-6 | 7.2 | 59 |
| 451 | Inexact Alternating Direction Methods for Image Recovery. <i>SIAM Journal of Scientific Computing</i> , 2011 , 33, 1643-1668 | 2.6 | 58 |
| 450 | Solving sparse non-negative tensor equations: algorithms and applications. <i>Frontiers of Mathematics in China</i> , 2015 , 10, 649-680 | 0.8 | 57 |

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| 449 | 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 |
| 448 | 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 |
| 447 | 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 |
| 446 | 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 |
| 445 | 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 |
| 444 | 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 |
| 443 | 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 |
| 442 | MultiComm: Finding Community Structure in Multi-Dimensional Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 929-941 | 4.2 | 53 |
| 441 | Knowledge-based vector space model for text clustering. <i>Knowledge and Information Systems</i> , 2010 , 25, 35-55 | 2.4 | 53 |
| 440 | Efficient total variation minimization methods for color image restoration. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 2081-8 | 8.7 | 53 |
| 439 | Multiplicative Noise Removal with Spatially Varying Regularization Parameters. <i>SIAM Journal on Imaging Sciences</i> , 2010 , 3, 1-20 | 1.9 | 52 |
| 438 | Higher-order multivariate Markov chains and their applications. <i>Linear Algebra and Its Applications</i> , 2008 , 428, 492-507 | 0.9 | 51 |
| 437 | 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 |
| 436 | 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 |
| 435 | A Fast ℓ_1 -TV Algorithm for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2009 , 31, 2322-2341 | 3.6 | 48 |
| 434 | Fast Image Restoration Methods for Impulse and Gaussian Noises Removal. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 457-460 | 3.2 | 47 |
| 433 | 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 |
| 432 | Algorithms for finding small attractors in Boolean networks. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2007 , 20180 | | 46 |

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| 431 | Superresolution image reconstruction using fast inpainting algorithms. <i>Applied and Computational Harmonic Analysis</i> , 2007 , 23, 3-24 | 3.1 | 42 |
| 430 | A Note on K-modes Clustering. <i>Journal of Classification</i> , 2003 , 20, 257-261 | 1.2 | 42 |
| 429 | Subspace Clustering of Text Documents with Feature Weighting K-Means Algorithm. <i>Lecture Notes in Computer Science</i> , 2005 , 802-812 | 0.9 | 42 |
| 428 | 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 |
| 427 | Higher-order Markov chain models for categorical data sequences*. <i>Naval Research Logistics</i> , 2004 , 51, 557-574 | 1.5 | 41 |
| 426 | A note on constrained k-means algorithms. <i>Pattern Recognition</i> , 2000 , 33, 515-519 | 7.7 | 41 |
| 425 | 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 |
| 424 | Preconditioners for nonsymmetric block toeplitz-like-plus-diagonal linear systems. <i>Numerische Mathematik</i> , 2003 , 96, 197-220 | 2.2 | 40 |
| 423 | 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 |
| 422 | Weighted variational model for selective image segmentation with application to medical images. <i>Pattern Recognition</i> , 2018 , 76, 367-379 | 7.7 | 40 |
| 421 | Subspace clustering using affinity propagation. <i>Pattern Recognition</i> , 2015 , 48, 1455-1464 | 7.7 | 39 |
| 420 | SNMFCA: supervised NMF-based image classification and annotation. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 4508-21 | 8.7 | 39 |
| 419 | Cosine transform preconditioners for high resolution image reconstruction. <i>Linear Algebra and Its Applications</i> , 2000 , 316, 89-104 | 0.9 | 39 |
| 418 | Circulant and skew-circulant splitting methods for Toeplitz systems. <i>Journal of Computational and Applied Mathematics</i> , 2003 , 159, 101-108 | 2.4 | 38 |
| 417 | 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 |
| 416 | Computing Moore-Penrose inverses of Toeplitz matrices by Newton's iteration. <i>Mathematical and Computer Modelling</i> , 2004 , 40, 181-191 | | 37 |
| 415 | 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 |
| 414 | 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 |

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| 413 | HAR: Hub, Authority and Relevance Scores in Multi-Relational Data for Query Search 2012 , | | 36 |
| 412 | 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 |
| 411 | Regression for ordinal variables without underlying continuous variables. <i>Information Sciences</i> , 2006 , 176, 465-474 | 7.7 | 36 |
| 410 | A Comparative Study of Ontology Based Term Similarity Measures on PubMed Document Clustering 2007 , 115-126 | | 36 |
| 409 | Sine transform based preconditioners for symmetric Toeplitz systems. <i>Linear Algebra and Its Applications</i> , 1996 , 232, 237-259 | 0.9 | 35 |
| 408 | 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 |
| 407 | Molecular subtyping of cancer: current status and moving toward clinical applications. <i>Briefings in Bioinformatics</i> , 2019 , 20, 572-584 | 13.4 | 35 |
| 406 | On Preconditioned Iterative Methods for Burgers Equations. <i>SIAM Journal of Scientific Computing</i> , 2007 , 29, 415-439 | 2.6 | 34 |
| 405 | Customer lifetime value: stochastic optimization approach. <i>Journal of the Operational Research Society</i> , 2004 , 55, 860-868 | 2 | 34 |
| 404 | Strang-type preconditioners for systems of LMF-based ODE codes. <i>IMA Journal of Numerical Analysis</i> , 2001 , 21, 451-462 | 1.8 | 34 |
| 403 | Robust tensor completion using transformed tensor singular value decomposition. <i>Numerical Linear Algebra With Applications</i> , 2020 , 27, e2299 | 1.6 | 33 |
| 402 | Phase Retrieval from Incomplete Magnitude Information via Total Variation Regularization. <i>SIAM Journal of Scientific Computing</i> , 2016 , 38, A3672-A3695 | 2.6 | 33 |
| 401 | An eigenvalue problem for even order tensors with its applications. <i>Linear and Multilinear Algebra</i> , 2016 , 64, 602-621 | 0.7 | 33 |
| 400 | Coupled segmentation and denoising/deblurring models for hyperspectral material identification. <i>Numerical Linear Algebra With Applications</i> , 2012 , 19, 153-173 | 1.6 | 33 |
| 399 | 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 |
| 398 | Subspace clustering with automatic feature grouping. <i>Pattern Recognition</i> , 2015 , 48, 3703-3713 | 7.7 | 32 |
| 397 | 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 |
| 396 | 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 |

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| 395 | Galerkin Projection Methods for Solving Multiple Linear Systems. <i>SIAM Journal of Scientific Computing</i> , 1999 , 21, 836-850 | 2.6 | 32 |
| 394 | 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 |
| 393 | 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 |
| 392 | Tensor-based Low-dimensional Representation Learning for Multi-view Clustering. <i>IEEE Transactions on Image Processing</i> , 2018 , | 8.7 | 31 |
| 391 | Deep plug-and-play prior for low-rank tensor completion. <i>Neurocomputing</i> , 2020 , 400, 137-149 | 5.4 | 31 |
| 390 | . <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 806-813 | | 30 |
| 389 | 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 |
| 388 | Nonconvex-TV Based Image Restoration with Impulse Noise Removal. <i>SIAM Journal on Imaging Sciences</i> , 2017 , 10, 1627-1667 | 1.9 | 29 |
| 387 | Minimax current density coil design. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 095001 | 3 | 29 |
| 386 | 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 |
| 385 | Feature weight estimation for gene selection: a local hyperlinear learning approach. <i>BMC Bioinformatics</i> , 2014 , 15, 70 | 3.6 | 28 |
| 384 | 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 |
| 383 | Fast Algorithms for the Generalized FoleySammon Discriminant Analysis. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2010 , 31, 1584-1605 | 1.5 | 27 |
| 382 | 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 |
| 381 | Combining functional and linkage disequilibrium information in the selection of tag SNPs. <i>Bioinformatics</i> , 2007 , 23, 129-31 | 7.2 | 26 |
| 380 | On discovery of extremely low-dimensional clusters using semi-supervised projected clustering | | 26 |
| 379 | Alternating Minimization Method for Total Variation Based Wavelet Shrinkage Model. <i>Communications in Computational Physics</i> , 2010 , 8, 976-994 | 2.4 | 26 |
| 378 | Robust quaternion matrix completion with applications to image inpainting. <i>Numerical Linear Algebra With Applications</i> , 2019 , 26, e2245 | 1.6 | 25 |

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| 377 | Alternating direction method of multipliers for nonlinear image restoration problems. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 33-43 | 8.7 | 25 |
| 376 | Some bounds for the spectral radius of nonnegative tensors. <i>Numerische Mathematik</i> , 2015 , 130, 315-335.2 | | 25 |
| 375 | Variational Fuzzy Mumford-Bhah Model for Image Segmentation. <i>SIAM Journal on Applied Mathematics</i> , 2010 , 70, 2750-2770 | 1.8 | 25 |
| 374 | On a multivariate Markov chain model for credit risk measurement. <i>Quantitative Finance</i> , 2005 , 5, 543-556.6 | | 25 |
| 373 | Learning Discriminative Correlation Subspace for Heterogeneous Domain Adaptation 2017 , | | 25 |
| 372 | 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 |
| 371 | Retinex image enhancement via a learned dictionary. <i>Optical Engineering</i> , 2015 , 54, 013107 | 1.1 | 23 |
| 370 | A Data Cube Model for Prediction-Based Web Prefetching. <i>Journal of Intelligent Information Systems</i> , 2003 , 20, 11-30 | 2.1 | 23 |
| 369 | A new approach to constrained total least squares image restoration. <i>Linear Algebra and Its Applications</i> , 2000 , 316, 237-258 | 0.9 | 23 |
| 368 | Regularization of RIF blind image deconvolution. <i>IEEE Transactions on Image Processing</i> , 2000 , 9, 1130-4 | 8.7 | 23 |
| 367 | 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 |
| 366 | Band preconditioners for block-Toeplitz-Toeplitz-block systems. <i>Linear Algebra and Its Applications</i> , 1997 , 259, 307-327 | 0.9 | 22 |
| 365 | Super-resolution reconstruction in a computational compound-eye imaging system. <i>Multidimensional Systems and Signal Processing</i> , 2007 , 18, 83-101 | 1.8 | 22 |
| 364 | 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 |
| 363 | Drug-target interaction prediction by integrating multiview network data. <i>Computational Biology and Chemistry</i> , 2017 , 69, 185-193 | 3.6 | 21 |
| 362 | 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 |
| 361 | 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 |
| 360 | On inversion of Toeplitz matrices. <i>Linear Algebra and Its Applications</i> , 2002 , 348, 145-151 | 0.9 | 21 |

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| 359 | Geometric Knowledge Embedding for unsupervised domain adaptation. <i>Knowledge-Based Systems</i> , 2020 , 191, 105155 | 7.3 | 21 |
| 358 | Multiplicative Noise and Blur Removal by Framelet Decomposition and λ -Based L-Curve Method. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4222-4232 | 8.7 | 21 |
| 357 | Multi-Label Classification by Semi-Supervised Singular Value Decomposition. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4612-4625 | 8.7 | 20 |
| 356 | 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 |
| 355 | On the total variation dictionary model. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 821-5 | 8.7 | 20 |
| 354 | A high-order Markov-switching model for risk measurement. <i>Computers and Mathematics With Applications</i> , 2009 , 58, 1-10 | 2.7 | 20 |
| 353 | A higher-order Markov model for the Newsboy's problem. <i>Journal of the Operational Research Society</i> , 2003 , 54, 291-298 | 2 | 20 |
| 352 | Robust Low-Tubal-Rank Tensor Completion via Convex Optimization 2019 , | | 20 |
| 351 | A Control Model for Markovian Genetic Regulatory Networks. <i>Lecture Notes in Computer Science</i> , 2006 , 36-48 | 0.9 | 20 |
| 350 | Hyperspectral image denoising with bilinear low rank matrix factorization. <i>Signal Processing</i> , 2019 , 163, 132-152 | 4.4 | 19 |
| 349 | A variational method for multiple-image blending. <i>IEEE Transactions on Image Processing</i> , 2012 , 21, 1809-1822 | 8.7 | 19 |
| 348 | 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 |
| 347 | Birkhoff-von Neumann Theorem for Multistochastic Tensors. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2014 , 35, 956-973 | 1.5 | 19 |
| 346 | 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 |
| 345 | Fast inversion of triangular Toeplitz matrices. <i>Theoretical Computer Science</i> , 2004 , 315, 511-523 | 1.1 | 19 |
| 344 | 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 |
| 343 | Lanczos method for large-scale quaternion singular value decomposition. <i>Numerical Algorithms</i> , 2019 , 82, 699-717 | 2.1 | 19 |
| 342 | 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 |

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| 341 | Weighted Toeplitz Regularized Least Squares Computation for Image Restoration. <i>SIAM Journal of Scientific Computing</i> , 2014 , 36, B94-B121 | 2.6 | 18 |
| 340 | The Convex Relaxation Method on Deconvolution Model with Multiplicative Noise. <i>Communications in Computational Physics</i> , 2013 , 13, 1066-1092 | 2.4 | 18 |
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