

# Ting-Zhu Huang

## 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.

431  
papers

5,354  
citations

37  
h-index

50  
g-index

456  
ext. papers

6,430  
ext. citations

3  
avg, IF

6.54  
L-index

#	Paper	IF	Citations
431	Exemplar-based image inpainting using adaptive two-stage structure-tensor based priority function and nonlocal filtering. <i>Journal of Visual Communication and Image Representation</i> , <b>2022</b> , 83, 103430	2.7	
430	Robust Thick Cloud Removal for Multi-Temporal Remote Sensing Images Using Coupled Tensor Factorization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	1
429	Tensor completion via nonconvex tensor ring rank minimization with guaranteed convergence. <i>Signal Processing</i> , <b>2022</b> , 194, 108425	4.4	1
428	A Triple-Double Convolutional Neural Network for Panchromatic Sharpening.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	10
427	A New Context-Aware Details Injection Fidelity With Adaptive Coefficients Estimation for Variational Pansharpening. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 60, 1-15	8.1	9
426	A non-intrusive model order reduction approach for parameterized time-domain Maxwell's equations. <i>Discrete and Continuous Dynamical Systems - Series B</i> , <b>2022</b> ,	1.3	
425	An Iterative Regularization Method based on Tensor Subspace Representation for Hyperspectral Image Super-Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2022</b> , 1-1	8.1	6
424	Tensor Completion via Complementary Global, Local, and Nonlocal Priors.. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , PP,	8.7	13
423	Image Edge Sharpening via Heaviside Substitution and Structure Recovery. <i>Association for Women in Mathematics Series</i> , <b>2021</b> , 25-48	0.2	
422	Fast IIFWENO Method on Non-uniform Meshes for Nonlinear Space-Fractional Convection-Diffusion-Reaction Equations. <i>Journal of Scientific Computing</i> , <b>2021</b> , 89, 1	2.3	1
421	Rain Streaks Removal for Single Image via Kernel-Guided Convolutional Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3664-3676	10.3	13
420	Endmember independence constrained hyperspectral unmixing via nonnegative tensor factorization. <i>Knowledge-Based Systems</i> , <b>2021</b> , 216, 106657	7.3	4
419	Non-Intrusive Reduced-Order Modeling of Parameterized Electromagnetic Scattering Problems using Cubic Spline Interpolation. <i>Journal of Scientific Computing</i> , <b>2021</b> , 87, 1	2.3	4
418	Hyperspectral Super-Resolution via Interpretable Block-Term Tensor Modeling. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2021</b> , 15, 641-656	7.5	13
417	A two-step iterative algorithm for sparse hyperspectral unmixing via total variation. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 401, 126059	2.7	2
416	Adaptive total variation and second-order total variation-based model for low-rank tensor completion. <i>Numerical Algorithms</i> , <b>2021</b> , 86, 1-24	2.1	2
415	A variant of the PowerArnoldi algorithm for computing PageRank. <i>Journal of Computational and Applied Mathematics</i> , <b>2021</b> , 381, 113034	2.4	12

414	A fast implicit difference scheme for solving the generalized time-space fractional diffusion equations with variable coefficients. <i>Numerical Methods for Partial Differential Equations</i> , <b>2021</b> , 37, 1136-1162	2.5	5
413	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-16	8.1	14
412	Hyperspectral Image Denoising Using Factor Group Sparsity-Regularized Nonconvex Low-Rank Approximation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-16	8.1	20
411	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-13	8.1	7
410	Multiscale Feature Tensor Train Rank Minimization for Multidimensional Image Recovery. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	10
409	Multi-Dimensional Visual Data Completion via Low-Rank Tensor Representation Under Coupled Transform. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 3581-3596	8.7	19
408	Nonlocal Block-Term Decomposition for Hyperspectral Image Mixed Noise Removal. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 5406-5420	4.7	1
407	Hyperspectral Image Super-Resolution via Deep Spatiospectral Attention Convolutional Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	24
406	Fast second-order implicit difference schemes for time distributed-order and Riesz space fractional diffusion-wave equations. <i>Computers and Mathematics With Applications</i> , <b>2021</b> , 94, 136-154	2.7	4
405	Nonlocal Tensor-Based Sparse Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 6854-6868	8.1	12
404	Hyperspectral image restoration via superpixel segmentation of smooth band. <i>Neurocomputing</i> , <b>2021</b> , 455, 340-352	5.4	1
403	A Tensor Subspace Representation-Based Method for Hyperspectral Image Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 7739-7757	8.1	15
402	Three-dimensional fractional total variation regularized tensor optimized model for image deblurring. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 404, 126224	2.7	6
401	Laplacian pyramid networks: A new approach for multispectral pansharpening. <i>Information Fusion</i> , <b>2021</b> , 78, 158-158	16.7	19
400	A novel non-convex low-rank tensor approximation model for hyperspectral image restoration. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 408, 126342	2.7	0
399	Fast numerical schemes for nonlinear space-fractional multidelay reaction-diffusion equations by implicit integration factor methods. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 408, 126360	2.7	0
398	Hyperspectral and Multispectral Image Fusion Using Factor Smoothed Tensor Ring Decomposition. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-17	8.1	5
397	Tensor train rank minimization with nonlocal self-similarity for tensor completion. <i>Inverse Problems and Imaging</i> , <b>2021</b> , 15, 475	2.1	5

396	T-Hy-Demosaicing: Hyperspectral Reconstruction Via Tensor Subspace Representation Under Orthogonal Transformation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 14, 4842-4853	4.7	
395	Bilateral Joint-Sparse Regression for Hyperspectral Unmixing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2021</b> , 1-1	4.7	1
394	Dynamic Cross Feature Fusion for Remote Sensing Pansharpening <b>2021</b> ,		10
393	Tensor N-tubal rank and its convex relaxation for low-rank tensor recovery. <i>Information Sciences</i> , <b>2020</b> , 532, 170-189	7.7	20
392	A convex single image dehazing model via sparse dark channel prior. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 375, 125085	2.7	5
391	Fast compact implicit integration factor method with non-uniform meshes for the two-dimensional nonlinear Riesz space-fractional reaction-diffusion equation. <i>Applied Numerical Mathematics</i> , <b>2020</b> , 156, 346-363	2.5	9
390	Local segmentation of images using an improved fuzzy C-means clustering algorithm based on self-adaptive dictionary learning. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 91, 106200	7.5	25
389	Efficient variants of the CMRH method for solving a sequence of multi-shifted non-Hermitian linear systems simultaneously. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 375, 112788	2.4	6
388	Tensor train rank minimization with hybrid smoothness regularization for visual data recovery. <i>Applied Mathematical Modelling</i> , <b>2020</b> , 81, 711-726	4.5	5
387	Cauchy noise removal using group-based low-rank prior. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 372, 124971	2.7	5
386	Double-Factor-Regularized Low-Rank Tensor Factorization for Mixed Noise Removal in Hyperspectral Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 8450-8464	8.1	48
385	Hyperspectral Image Compressive Sensing Reconstruction Using Subspace-Based Nonlocal Tensor Ring Decomposition. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , 29, 6813-6828	8.7	26
384	Semi-blind image deblurring by a proximal alternating minimization method with convergence guarantees. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 377, 125168	2.7	0
383	Video deraining via nonlocal low-rank regularization. <i>Applied Mathematical Modelling</i> , <b>2020</b> , 79, 896-913	4.5	5
382	Nonlocal Tensor-Ring Decomposition for Hyperspectral Image Denoising. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 1348-1362	8.1	51
381	Mixed Noise Removal in Hyperspectral Image via Low-Fibered-Rank Regularization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2020</b> , 58, 734-749	8.1	76
380	Multi-dimensional imaging data recovery via minimizing the partial sum of tubal nuclear norm. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 372, 112680	2.4	22
379	Framelet Representation of Tensor Nuclear Norm for Third-Order Tensor Completion. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , 29, 7233-7244	8.7	37

378	A New Variational Approach Based on Proximal Deep Injection and Gradient Intensity Similarity for Spatio-Spectral Image Fusion. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 6277-6290	4.7	15
377	Hyperspectral Image Superresolution Using Unidirectional Total Variation With Tucker Decomposition. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 4381-4398	4.7	26
376	Integration of Imaging (epi)Genomics Data for the Study of Schizophrenia Using Group Sparse Joint Nonnegative Matrix Factorization. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2020</b> , 17, 1671-1681	3	8
375	A Fast Second-Order Implicit Difference Method for Time-Space Fractional Advection-Diffusion Equation. <i>Numerical Functional Analysis and Optimization</i> , <b>2020</b> , 41, 257-293	1	2
374	Hyperspectral Image Restoration Using Weighted Group Sparsity-Regularized Low-Rank Tensor Decomposition. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3556-3570	10.2	77
373	Low-rank tensor train for tensor robust principal component analysis. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 367, 124783	2.7	33
372	Remote sensing images destriping using unidirectional hybrid total variation and nonconvex low-rank regularization. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 363, 124-144	2.4	67
371	Fast implicit integration factor method for nonlinear space Riesz fractional reaction-diffusion equations. <i>Journal of Computational and Applied Mathematics</i> , <b>2020</b> , 378, 112935	2.4	6
370	Low-Rank Tensor Completion Using Matrix Factorization Based on Tensor Train Rank and Total Variation. <i>Journal of Scientific Computing</i> , <b>2019</b> , 81, 941-964	2.3	30
369	Low-Rank Tensor Completion via Tensor Nuclear Norm With Hybrid Smooth Regularization. <i>IEEE Access</i> , <b>2019</b> , 7, 131888-131901	3.5	1
368	Blind cloud and cloud shadow removal of multitemporal images based on total variation regularized low-rank sparsity decomposition. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2019</b> , 157, 93-107	11.8	30
367	Local Low-Rank and Sparse Representation for Hyperspectral Image Denoising. <i>IEEE Access</i> , <b>2019</b> , 7, 79850-79865	3.5	11
366	A sheared low-rank model for oblique stripe removal. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 360, 167-180	2.7	8
365	A New Projected Variant of the Deflated Block Conjugate Gradient Method. <i>Journal of Scientific Computing</i> , <b>2019</b> , 80, 1116-1138	2.3	4
364	Remote Sensing Image Stripe Detecting and Destriping Using the Joint Sparsity Constraint with Iterative Support Detection. <i>Remote Sensing</i> , <b>2019</b> , 11, 608	5	5
363	A reduced-order discontinuous Galerkin method based on a Krylov subspace technique in nanophotonics. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 358, 128-145	2.7	1
362	A Novel inpainting Algorithm for Recovering Landsat-7 ETM+ SLC-OFF Images Based on the Low-Rank Approximate Regularization Method of Dictionary Learning With Nonlocal and Nonconvex Models. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 6741-6754	8.1	10
361	A shifted complex global Lanczos method and the quasi-minimal residual variant for the Stein-conjugate matrix equation $X+AX^T B=C$ . <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 357, 1-11	2.4	4

360	Flexible and deflated variants of the block shifted GMRES method. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 345, 168-183	2.4	7
359	Off-diagonal low-rank preconditioner for difficult PageRank problems. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 346, 456-470	2.4	6
358	A non-convex regularization approach for compressive sensing. <i>Advances in Computational Mathematics</i> , <b>2019</b> , 45, 563-588	1.6	2
357	A New Shifted Block GMRES Method with Inexact Breakdowns for Solving Multi-Shifted and Multiple Right-Hand Sides Linear Systems. <i>Journal of Scientific Computing</i> , <b>2019</b> , 78, 746-769	2.3	8
356	Acceleration of the Scheduled Relaxation Jacobi method: Promising strategies for solving large, sparse linear systems. <i>Journal of Computational Physics</i> , <b>2019</b> , 397, 108862	4.1	1
355	Low-rank tensor completion via combined non-local self-similarity and low-rank regularization. <i>Neurocomputing</i> , <b>2019</b> , 367, 1-12	5.4	17
354	Bilateral filter based total variation regularization for sparse hyperspectral image unmixing. <i>Information Sciences</i> , <b>2019</b> , 504, 334-353	7.7	14
353	POD-based model order reduction with an adaptive snapshot selection for a discontinuous Galerkin approximation of the time-domain Maxwell's equations. <i>Journal of Computational Physics</i> , <b>2019</b> , 396, 106-128	4.1	9
352	A Tensor-Based Low-Rank Model for Single-Image Rain Streaks Removal. <i>IEEE Access</i> , <b>2019</b> , 7, 83437-83448	4.9	3
351	Reweighted Block Sparsity Regularization for Remote Sensing Images Destriping. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 4951-4963	4.7	3
350	Optimal Estimates of Two Common Remainders for a Robust Generalized Chinese Remainder Theorem. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 1824-1837	4.8	5
349	Low-rank tensor completion via smooth matrix factorization. <i>Applied Mathematical Modelling</i> , <b>2019</b> , 70, 677-695	4.5	27
348	Joint-Sparse-Blocks Regression for Total Variation Regularized Hyperspectral Unmixing. <i>IEEE Access</i> , <b>2019</b> , 7, 138779-138791	3.5	7
347	Row-Sparsity Spectral Unmixing via Total Variation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2019</b> , 12, 5009-5022	4.7	7
346	Pan-Sharpener Via RoG-Based Filtering <b>2019</b> ,		3
345	Total Variation with Overlapping Group Sparsity for Removing Mixed Noise. <i>Lecture Notes in Electrical Engineering</i> , <b>2019</b> , 223-235	0.2	
344	Restarted global FOM and GMRES algorithms for the Stein-like matrix equation $X+M(X)=C$ . <i>Applied Mathematics and Computation</i> , <b>2019</b> , 348, 206-214	2.7	1
343	A nonstationary accelerating alternating direction method for frame-based Poissonian image deblurring. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 352, 181-193	2.4	12

342	A total variation and group sparsity based tensor optimization model for video rain streak removal. <i>Signal Processing: Image Communication</i> , <b>2019</b> , 73, 96-108	2.8	14
341	Joint-Sparse-Blocks and Low-Rank Representation for Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2019</b> , 57, 2419-2438	8.1	50
340	Total variation and high-order total variation adaptive model for restoring blurred images with Cauchy noise. <i>Computers and Mathematics With Applications</i> , <b>2019</b> , 77, 1255-1272	2.7	31
339	Simultaneous image fusion and denoising by using fractional-order gradient information. <i>Journal of Computational and Applied Mathematics</i> , <b>2019</b> , 351, 212-227	2.4	15
338	Laplace function based nonconvex surrogate for low-rank tensor completion. <i>Signal Processing: Image Communication</i> , <b>2019</b> , 73, 62-69	2.8	23
337	A variational model with hybrid Hyper-Laplacian priors for Retinex. <i>Applied Mathematical Modelling</i> , <b>2019</b> , 66, 305-321	4.5	12
336	Total variation with overlapping group sparsity for deblurring images under Cauchy noise. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 341, 128-147	2.7	20
335	Image segmentation based on an active contour model of partial image restoration with local cosine fitting energy. <i>Information Sciences</i> , <b>2018</b> , 447, 52-71	7.7	33
334	Matrix factorization for low-rank tensor completion using framelet prior. <i>Information Sciences</i> , <b>2018</b> , 436-437, 403-417	7.7	49
333	A block GMRES method with deflated restarting for solving linear systems with multiple shifts and multiple right-hand sides. <i>Numerical Linear Algebra With Applications</i> , <b>2018</b> , 25, e2148	1.6	12
332	. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 63, 3588-3593	5.9	57
331	Containment control for heterogeneous multi-agent systems with asynchronous updates. <i>Information Sciences</i> , <b>2018</b> , 436-437, 74-88	7.7	24
330	A reduced-order DG formulation based on POD method for the time-domain Maxwell's equations in dispersive media. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 336, 249-266	2.4	4
329	Nonlocal Tensor Completion for Multitemporal Remotely Sensed Images Inpainting. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 3047-3061	8.1	38
328	A Reduced-Order Discontinuous Galerkin Method Based on POD for Electromagnetic Simulation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 242-254	4.9	18
327	A directional global sparse model for single image rain removal. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 59, 662-679	4.5	61
326	Spatially dependent regularization parameter selection for total generalized variation-based image denoising. <i>Computational and Applied Mathematics</i> , <b>2018</b> , 37, 277-296		5
325	On semi-convergence and inexact iteration of the GSS iteration method for nonsymmetric singular saddle point problems. <i>Computational and Applied Mathematics</i> , <b>2018</b> , 37, 805-818		2

324	A fast second-order parareal solver for fractional optimal control problems. <i>JVC/Journal of Vibration and Control</i> , <b>2018</b> , 24, 3418-3433	2	6
323	Cauchy Noise Removal by Nonconvex ADMM with Convergence Guarantees. <i>Journal of Scientific Computing</i> , <b>2018</b> , 74, 743-766	2.3	43
322	Semi-convergence analysis of the GSS iteration methods for singular saddle point problems. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 328, 1-11	2.4	3
321	Restarted Hessenberg method for solving shifted nonsymmetric linear systems. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 331, 166-177	2.4	20
320	Multispectral Image Denoising via Nonlocal Multitask Sparse Learning. <i>Remote Sensing</i> , <b>2018</b> , 10, 116	5	7
319	Directional $\bar{0}$ Sparse Modeling for Image Stripe Noise Removal. <i>Remote Sensing</i> , <b>2018</b> , 10, 361	5	22
318	A Framelet-Based Iterative Pan-Sharpening Approach. <i>Remote Sensing</i> , <b>2018</b> , 10, 622	5	6
317	A fast implicit difference scheme for a new class of time distributed-order and space fractional diffusion equations with variable coefficients. <i>Advances in Difference Equations</i> , <b>2018</b> , 2018,	3.6	6
316	Single image super-resolution based on approximated Heaviside functions and iterative refinement. <i>PLoS ONE</i> , <b>2018</b> , 13, e0182240	3.7	1
315	FastDeRain: A Novel Video Rain Streak Removal Method Using Directional Gradient Priors. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	78
314	Global FOM and GMRES algorithms for a class of complex matrix equations. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 335, 227-241	2.4	3
313	Second order total generalized variation for speckle reduction in ultrasound images. <i>Journal of the Franklin Institute</i> , <b>2018</b> , 355, 574-595	4	9
312	Block-accelerated aggregation multigrid for Markov chains with application to PageRank problems. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 59, 472-487	3.7	6
311	A High-Order Accurate Numerical Scheme for the Caputo Derivative with Applications to Fractional Diffusion Problems. <i>Numerical Functional Analysis and Optimization</i> , <b>2018</b> , 39, 600-622	1	23
310	A modified generalized shift-splitting method for nonsymmetric saddle point problems. <i>Journal of Computational and Applied Mathematics</i> , <b>2018</b> , 328, 381-399	2.4	1
309	Speckle noise removal in ultrasound images by first- and second-order total variation. <i>Numerical Algorithms</i> , <b>2018</b> , 78, 513-533	2.1	42
308	Multipreconditioned GMRES for simulating stochastic automata networks. <i>Open Mathematics</i> , <b>2018</b> , 16, 986-998	0.8	
307	Destriping of Multispectral Remote Sensing Image Using Low-Rank Tensor Decomposition. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 4950-4967	4.7	33



306	<b>2018,</b>		5
305	Double Reweighted Sparse Regression and Graph Regularization for Hyperspectral Unmixing. <i>Remote Sensing</i> , <b>2018</b> , 10, 1046	5	18
304	Hyperspectral image restoration using framelet-regularized low-rank nonnegative matrix factorization. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 63, 128-147	4.5	20
303	A spectrally preconditioned and initially deflated variant of the restarted block GMRES method for solving multiple right-hand sides linear systems. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 144, 775-787	5.5	4
302	The Unifying Frameworks of Information Measures. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-16	1.1	
301	Accelerated preconditioner updates for solving shifted linear systems. <i>International Journal of Computer Mathematics</i> , <b>2017</b> , 94, 747-756	1.2	
300	A patch-based tensor decomposition algorithm for M-FISH image classification. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2017</b> , 91, 622-632	4.6	5
299	High-order total variation-based Poissonian image deconvolution with spatially adapted regularization parameter. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 45, 516-529	4.5	20
298	Fast Iterative Method with a Second-Order Implicit Difference Scheme for Time-Space Fractional Convection-Diffusion Equation. <i>Journal of Scientific Computing</i> , <b>2017</b> , 72, 957-985	2.3	71
297	Cartoon-Texture image decomposition via non-convex low-rank texture regularization. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 3170-3187	4	14
296	Exponential weighted entropy and exponential weighted mutual information. <i>Neurocomputing</i> , <b>2017</b> , 249, 86-94	5.4	10
295	Group sparsity based regularization model for remote sensing image stripe noise removal. <i>Neurocomputing</i> , <b>2017</b> , 267, 95-106	5.4	42
294	A non-convex tensor rank approximation for tensor completion. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 48, 410-422	4.5	53
293	Barycentric rational collocation methods for a class of nonlinear parabolic partial differential equations. <i>Applied Mathematics Letters</i> , <b>2017</b> , 68, 13-19	3.5	26
292	Asynchronous containment control for discrete-time second-order multi-agent systems with time-varying delays. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 8552-8569	4	40
291	A Unidirectional Total Variation and Second-Order Total Variation Model for Destriping of Remote Sensing Images. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-10	1.1	2
290	Vector Extrapolation Based Landweber Method for Discrete Ill-Posed Problems. <i>Mathematical Problems in Engineering</i> , <b>2017</b> , 2017, 1-8	1.1	2
289	Stripe noise removal of remote sensing images by total variation regularization and group sparsity constraint. <i>Remote Sensing</i> , <b>2017</b> , 9, 559	5	41

288	Truncated $L_{1-2}$ Models for Sparse Recovery and Rank Minimization. <i>SIAM Journal on Imaging Sciences</i> , <b>2017</b> , 10, 1346-1380	1.9	39
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