Xue-Cheng Tai

List of Publications by Year
in descending order

187	6,784	81900	71685
papers	citations	39	76
		h-index	g-index

195	195	195	3451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new binary representation method for shape convexity and application to image segmentation. Analysis and Applications, 2022, 20, 465-481.	2.2	2
2	Convex Object(s) Characterization and Segmentation Using Level Set Function. Journal of Mathematical Imaging and Vision, 2022, 64, 68-88.	1.3	3
3	Deep Convolutional Neural Networks with Spatial Regularization, Volume and Star-Shape Priors for Image Segmentation. Journal of Mathematical Imaging and Vision, 2022, 64, 625-645.	1.3	7
4	An Operator-Splitting Method for the Gaussian Curvature Regularization Model with Applications to Surface Smoothing and Imaging. SIAM Journal of Scientific Computing, 2022, 44, A935-A963.	2.8	7
5	A regularized convolutional neural network for semantic image segmentation. Analysis and Applications, 2021, 19, 147-165.	2.2	24
6	On Variable Splitting and Augmented Lagrangian Method for Total Variation-Related Image Restoration Models. , 2021, , 1-47.		1
7	An efficient multi-grid method for TV minimization problems. Inverse Problems and Imaging, 2021, 15, 1199.	1.1	2
8	The Potts Model with Different Piecewise Constant Representations and Fast Algorithms: A Survey. , 2021, , 1-41.		0
9	The Potts Model with Different Piecewise Constant Representations and Fast Algorithms: A Survey. , 2021, , 1-41.		1
10	A Multigrid Algorithm for Maxflow and Min-Cut Problems with Applications to Multiphase Image Segmentation. Journal of Scientific Computing, 2021, 87, 1.	2.3	5
11	Learned snakes for 3D image segmentation. Signal Processing, 2021, 183, 108013.	3.7	8
12	Topology- and convexity-preserving image segmentation based on image registration. Applied Mathematical Modelling, 2021, 100, 218-239.	4.2	8
13	A new variational approach based on level-set function for convex hull problem with outliers. Inverse Problems and Imaging, 2021, 15, 315-338.	1.1	5
14	Efficient and Convergent Preconditioned ADMM for the Potts Models. SIAM Journal of Scientific Computing, 2021, 43, B455-B478.	2.8	9
15	Overlapping Domain Decomposition Methods for Ptychographic Imaging. SIAM Journal of Scientific Computing, 2021, 43, B570-B597.	2.8	6
16	A Color Elastica Model for Vector-Valued Image Regularization. SIAM Journal on Imaging Sciences, 2021, 14, 717-748.	2.2	7
17	An Elastica Geodesic Approach with Convexity Shape Prior. , 2021, , .		4
18	Volume preserving image segmentation with entropy regularized optimal transport and its applications in deep learning. Journal of Visual Communication and Image Representation, 2020, 71, 102845.	2.8	6

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19	Convexity Shape Prior for Level Set-Based Image Segmentation Method. IEEE Transactions on Image Processing, 2020, 29, 7141-7152.	9.8	29
20	A Globally Convergent Algorithm for a Constrained Non-Lipschitz Image Restoration Model. Journal of Scientific Computing, 2020, 83, 1.	2.3	8
21	Nonlocal regularized CNN for image segmentation. Inverse Problems and Imaging, 2020, 14, 891-911.	1.1	7
22	Survey of fast algorithms for Euler's elastica-based image segmentation. Handbook of Numerical Analysis, 2019, 20, 533-552.	1.8	2
23	An Iteration Method for X-Ray CT Reconstruction from Variable-Truncation Projection Data. Lecture Notes in Computer Science, 2019, , 144-155.	1.3	1
24	A New Operator Splitting Method for the Euler Elastica Model for Image Smoothing. SIAM Journal on Imaging Sciences, 2019, 12, 1190-1230.	2.2	34
25	Fast operator-splitting algorithms for variational imaging models: Some recent developments. Handbook of Numerical Analysis, 2019, 20, 191-232.	1.8	3
26	A Variational Convex Hull Algorithm. Lecture Notes in Computer Science, 2019, , 224-235.	1.3	3
27	Variational Model for Depth Estimation from Images. , 2019, , .		0
28	Convex Shape Prior for Multi-Object Segmentation Using a Single Level Set Function. , 2019, , .		15
29	Regularized UNet for Automated Pancreas Segmentation. , 2019, , .		4
30	The fusion of panchromatic and multispectral remote sensing images via tensor-based sparse modeling and hyper-Laplacian prior. Information Fusion, 2019, 52, 76-89.	19.1	91
31	Evaluation of the performance of classification algorithms for XFEL single-particle imaging data. IUCrJ, 2019, 6, 331-340.	2.2	36
32	Data-driven Method for 3D Axis-symmetric Object Reconstruction from Single Cone-beam Projection Data. , 2019, , .		1
33	A dual EM algorithm for TV regularized Gaussian mixture model in image segmentation. Inverse Problems and Imaging, 2019, 13, 653-677.	1.1	7
34	Curvature-based authentication of van Gogh paintings. Methods and Applications of Analysis, 2019, 26, 269-280.	0.5	0
35	Low-dose X-ray Computed Tomography Image Reconstruction Using Edge Sparsity Regularization. , 2019, , .		0
36	An Effective Region Force for Some Variational Models for Learning and Clustering. Journal of Scientific Computing, 2018, 74, 175-196.	2.3	23

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37	Topology-Preserving Image Segmentation by Beltrami Representation of Shapes. Journal of Mathematical Imaging and Vision, 2018, 60, 401-421.	1.3	12
38	Simplified Energy Landscape for Modularity Using Total Variation. SIAM Journal on Applied Mathematics, 2018, 78, 2439-2464.	1.8	8
39	New region force for variational models in image segmentation and high dimensional data clustering. Annals of Mathematical Sciences and Applications, 2018, 3, 255-286.	0.4	8
40	Bregman-Proximal Augmented Lagrangian Approach to Multiphase Image Segmentation. Lecture Notes in Computer Science, 2017, , 524-534.	1.3	1
41	Augmented Lagrangian method for an Euler's elastica based segmentation model that promotes convex contours. Inverse Problems and Imaging, 2017, 11, 1-23.	1.1	36
42	Deep Learning for Remote Sensing Image Understanding. Journal of Sensors, 2016, 2016, 1-2.	1.1	52
43	Some Facts About Operator-Splitting and Alternating Direction Methods. Scientific Computation, 2016, , 19-94.	0.2	20
44	Convergent Non-overlapping Domain Decomposition Methods for Variational Image Segmentation. Journal of Scientific Computing, 2016, 69, 532-555.	2.3	9
45	PDE Based Algorithms for Smooth Watersheds. IEEE Transactions on Medical Imaging, 2016, 35, 957-966.	8.9	10
46	A Variational Approach for Detecting Feature Lines on Meshes. Journal of Computational Mathematics, 2016, 34, 87-112.	0.4	5
47	Domain Decomposition Methods for Total Variation Minimization. Lecture Notes in Computer Science, 2015, , 335-349.	1.3	0
48	Global Binary Optimization on Graphs for Classification of High-Dimensional Data. Journal of Mathematical Imaging and Vision, 2015, 52, 414-435.	1.3	27
49	Fast algorithm for color texture image inpainting using the non-local CTV model. Journal of Global Optimization, 2015, 62, 853-876.	1.8	40
50	Convergence Rate of Overlapping Domain Decomposition Methods for the Rudin--Osher--Fatemi Model Based on a Dual Formulation. SIAM Journal on Imaging Sciences, 2015, 8, 564-591.	2.2	24
51	Efficient Global Minimization Methods for Image Segmentation Models with Four Regions. Journal of Mathematical Imaging and Vision, 2015, 51, 71-97.	1.3	16
52	Maximizing Flows with Message-Passing: Computing Spatially Continuous Min-Cuts. Lecture Notes in Computer Science, 2015, , 15-28.	1.3	5
53	Variational Time-Implicit Multiphase Level-Sets. Lecture Notes in Computer Science, 2015, , 278-291.	1.3	2
54	Primal-dual method for continuous max-flow approaches. , 2015, , 17-24.		6

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55	High-order total variation regularization approach for axially symmetric object tomography from a single radiograph. Inverse Problems and Imaging, 2015, 9, 55-77.	1.1	23
56	A fast edge detection algorithm using binary labels. Inverse Problems and Imaging, 2015, 9, 551-578.	1.1	10
57	Efficient Convex Optimization Approaches to Variational Image Fusion. Numerical Mathematics, 2014, 7, 234-250.	1.3	3
58	A spatially continuous max-flow and min-cut framework for binary labeling problems. Numerische Mathematik, 2014, 126, 559-587.	1.9	35
59	Domain Decomposition Methods for Nonlocal Total Variation Image Restoration. Journal of Scientific Computing, 2014, 60, 79-100.	2.3	23
60	A new continuous max-flow algorithm for multiphase image segmentation using super-level set functions. Journal of Visual Communication and Image Representation, 2014, 25, 1472-1488.	2.8	11
61	Multi-class Transductive Learning Based on â„" 1 Relaxations of Cheeger Cut and Mumford-Shah-Potts Model. Journal of Mathematical Imaging and Vision, 2014, 49, 191-201.	1.3	35
62	Fast Regularization of Matrix-Valued Images. Lecture Notes in Computer Science, 2014, , 19-43.	1.3	4
63	A Fast Algorithm for a Mean Curvature Based Image Denoising Model Using Augmented Lagrangian Method. Lecture Notes in Computer Science, 2014, , 104-118.	1.3	7
64	A Fast Continuous Max-Flow Approach to Non-convex Multi-labeling Problems. Lecture Notes in Computer Science, 2014, , 134-154.	1.3	16
65	Augmented-Lagrangian regularization of matrix-valued maps. Methods and Applications of Analysis, 2014, 21, 105-122.	0.5	13
66	Image Segmentation Using Eulerâ€™s Elastica as the Regularization. Journal of Scientific Computing, 2013, 57, 414-438.	2.3	59
67	Reconstructing Open Surfaces via Graph-Cuts. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 306-318.	4.4	7
68	On piecewise constant level-set (PCLS) methods for the identification of discontinuous parameters in ill-posed problems. Inverse Problems, 2013, 29, 015003.	2.0	8
69	Adaptive wavelet collocation methods for image segmentation using TVâ€"Allenâ€"Cahn type models. Advances in Computational Mathematics, 2013, 38, 101-131.	1.6	4
70	Enhancing coded video quality with perceptual foveation driven bit allocation strategy. , 2013, , .		1
71	A Weighted Dictionary Learning Model for Denoising Images Corrupted by Mixed Noise. IEEE Transactions on Image Processing, 2013, 22, 1108-1120.	9.8	163
72	Simultaneous Convex Optimization of Regions and Region Parameters in Image Segmentation Models. Mathematics and Visualization, 2013, , 421-438.	0.6	7

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73	A Ridge and Corner Preserving Model for Surface Restoration. SIAM Journal of Scientific Computing, 2013, 35, A675-A695.	2.8	14
74	Multilayer graph cuts based unsupervised colorâ€"texture image segmentation using multivariate mixed student's t-distribution and regional credibility merging. Pattern Recognition, 2013, 46, 1101-1124.	8.1	43
75	Stroke-Based Surface Reconstruction. Numerical Mathematics, 2013, 6, 297-324.	1.3	2
76	Augmented Lagrangian method for a mean curvature based image denoising model. Inverse Problems and Imaging, 2013, 7, 1409-1432.	1.1	82
77	Augmented Lagrangian Methods for p-Harmonic Flows with the Generalized Penalization Terms and Application to Image Processing. Numerical Mathematics, 2013, 6, 1-20.	1.3	3
78	Efficient 3D Endfiring TRUS Prostate Segmentation with Globally Optimized Rotational Symmetry. , 2013, , .		9
79	Convex Relaxations for a Generalized Chan-Vese Model. Lecture Notes in Computer Science, 2013, , 223-236.	1.3	10
80	Jointly Segmenting Prostate Zones in 3D MRIs by Globally Optimized Coupled Level-Sets. Lecture Notes in Computer Science, 2013, , 12-25.	1.3	5
81	Four color theorem and convex relaxation for image segmentation with any number of regions. Inverse Problems and Imaging, 2013, 7, 1099-1113.	1.1	6
82	Fast numerical schemes related to curvature minimization: a brief and elementary review. Actes Des Rencontres Du CIRM, 2013, 3, 17-30.	0.0	3
83	A Generic Convexification and Graph Cut Method for Multiphase Image Segmentation. Lecture Notes in Computer Science, 2013, , 251-265.	1.3	1
84	Geometry of total variation regularized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si37.gif" display="inline" overflow="scroll"><mml:msup><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mm Journal of Computational and Applied Mathematics, 2012, 236, 2223-2234.	2.0	13
85	A Direct Approach Toward Global Minimization for Multiphase Labeling and Segmentation Problems. IEEE Transactions on Image Processing, 2012, 21, 2399-2411.	9.8	20
86	Augmented Lagrangian Method for Total Variation Based Image Restoration and Segmentation Over Triangulated Surfaces. Journal of Scientific Computing, 2012, 50, 145-166.	2.3	39
87	Augmented Lagrangian Method for Generalized TV-Stokes Model. Journal of Scientific Computing, 2012, 50, 235-264.	2.3	33
88	Domain decomposition methods with graph cuts algorithms for total variation minimization. Advances in Computational Mathematics, 2012, 36, 175-199.	1.6	15
89	A Fast Augmented Lagrangian Method for Eulerâ€™s Elastica Model. Lecture Notes in Computer Science, 2012, , 144-156.	1.3	1
90	A Continuous Max-Flow Approach to Minimal Partitions with Label Cost Prior. Lecture Notes in Computer Science, 2012, , 279-290.	1.3	5

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91	Robust Edge Detection Using Mumford-Shah Model and Binary Level Set Method. Lecture Notes in Computer Science, 2012, , 291-301.	1.3	9
92	Curvature Minimization for Surface Reconstruction with Features. Lecture Notes in Computer Science, 2012, , 495-507.	1.3	1
93	Fast Regularization of Matrix-Valued Images. Lecture Notes in Computer Science, 2012, , 173-186.	1.3	6
94	Group-Valued Regularization for Analysis of Articulated Motion. Lecture Notes in Computer Science, 2012, , 52-62.	1.3	10
95	Polyakov Action Minimization for Efficient Color Image Processing. Lecture Notes in Computer Science, 2012, , 50-61.	1.3	11
96	Simultaneous Denoising and Illumination Correction via Local Data-Fidelity and Nonlocal Regularization. Lecture Notes in Computer Science, 2012, , 218-230.	1.3	1
97	Fast Algorithms for p-elastica Energy with the Application to Image Inpainting and Curve Reconstruction. Lecture Notes in Computer Science, 2012, , 169-182.	1.3	4
98	A Study on Convex Optimization Approaches to Image Fusion. Lecture Notes in Computer Science, 2012, , 122-133.	1.3	4
99	A Fast Algorithm for Euler's Elastica Model Using Augmented Lagrangian Method. SIAM Journal on Imaging Sciences, 2011, 4, 313-344.	2.2	147
100	A Modified TV-Stokes Model for Image Processing. SIAM Journal of Scientific Computing, 2011, 33, 1574-1597.	2.8	18
101	A Convex and Exact Approach to Discrete Constrained TV-L1 Image Approximation. East Asian Journal on Applied Mathematics, 2011, 1, 172-186.	0.9	10
102	Graph Cuts for Curvature Based Image Denoising. IEEE Transactions on Image Processing, 2011, 20, 1199-1210.	9.8	48
103	Multiple piecewise constant with geodesic active contours (MPC-GAC) framework for interactive image segmentation using graph cut optimization. Image and Vision Computing, 2011, 29, 499-508.	4.5	32
104	On Semi-implicit Splitting Schemes for the Beltrami Color Image Filtering. Journal of Mathematical Imaging and Vision, 2011, 40, 199-213.	1.3	13
105	Compression and denoising using l 0-norm. Computational Optimization and Applications, 2011, 50, 425-444.	1.6	7
106	Orientation-Matching Minimization for Image Denoising andÂInpainting. International Journal of Computer Vision, 2011, 92, 308-324.	15.6	82
107	Global Minimization for Continuous Multiphase Partitioning Problems Using a Dual Approach. International Journal of Computer Vision, 2011, 92, 112-129.	15.6	128
108	Application of splitting scheme and multigrid method for TV-Stokes denoising. Science China Information Sciences, 2011, 54, 745-756.	4.3	0

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109	Image denoising and deblurring: non-convex regularization, inverse diffusion and shock filter. Science China Information Sciences, 2011, 54, 1184-1198.	4.3	15
110	A fast segmentation method based on constraint optimization and its applications: Intensity inhomogeneity and texture segmentation. Pattern Recognition, 2011, 44, 2093-2108.	8.1	26
111	Augmented Lagrangian method for total variation restoration with non-quadratic fidelity. Inverse Problems and Imaging, 2011, 5, 237-261.	1.1	123
112	Reservoir description using a binary level set model. Computing and Visualization in Science, 2010, 13, 41-58.	1.2	15
113	Fast image segmentation based on multilevel banded closed-form method. Pattern Recognition Letters, 2010, 31, 216-225.	4.2	7
114	Mesh Snapping: Robust Interactive Mesh Cutting Using Fast Geodesic Curvature Flow. Computer Graphics Forum, 2010, 29, 517-526.	3.0	29
115	A Continuous Max-Flow Approach to Potts Model. Lecture Notes in Computer Science, 2010, , 379-392.	1.3	94
116	Augmented Lagrangian for Polyakov Action Minimization in Color Images. , 2010, , .		0
117	Augmented Lagrangian Method, Dual Methods, and Split Bregman Iteration for ROF, Vectorial TV, and High Order Models. SIAM Journal on Imaging Sciences, 2010, 3, 300-339.	2.2	478
118	A Level Set Formulation of Geodesic Curvature Flow on Simplicial Surfaces. IEEE Transactions on Visualization and Computer Graphics, 2010, 16, 647-662.	4.4	30
119	A study on continuous max-flow and min-cut approaches. , 2010, , .		156
120	A two-level domain decomposition method for image restoration. Inverse Problems and Imaging, 2010, 4, 523-545.	1.1	29
121	A Compound Algorithm of Denoising Using Second-Order and Fourth-Order Partial Differential Equations. Numerical Mathematics, 2009, 2, 353-376.	1.3	29
122	3D Multiphase Piecewise Constant Level Set Method Based on Graph Cut Minimization. Numerical Mathematics, 2009, 2, 403-420.	1.3	8
123	On multiple level-set regularization methods for inverse problems. Inverse Problems, 2009, 25, 035004.	2.0	29
124	A Unified Framework for Automated 3-D Segmentation of Surface-Stained Living Cells and a Comprehensive Segmentation Evaluation. IEEE Transactions on Medical Imaging, 2009, 28, 720-738.	8.9	29
125	A dual algorithm for minimization of the LLT model. Advances in Computational Mathematics, 2009, 31, 115-130.	1.6	50
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127	Four-Color Theorem and Level Set Methods for Watershed Segmentation. International Journal of Computer Vision, 2009, 82, 264-283.	15.6	27
128	An efficient method for smart well production optimisation. Journal of Petroleum Science and Engineering, 2009, 69, 25-39.	4.2	27
129	L 0-Norm and Total Variation for Wavelet Inpainting. Lecture Notes in Computer Science, 2009, , 539-551.	1.3	8
130	Image Segmentation Based on GrabCut Framework Integrating Multiscale Nonlinear Structure Tensor. IEEE Transactions on Image Processing, 2009, 18, 2289-2302.	9.8	86
131	A Saddle Point Approach to the Computation of Harmonic Maps. SIAM Journal on Numerical Analysis, 2009, 47, 1500-1523.	2.3	22
132	Scale-Space Analysis of Discrete Filtering over Arbitrary Triangulated Surfaces. SIAM Journal on Imaging Sciences, 2009, 2, 670-709.	2.2	15
133	Graph Cut Optimization for the Piecewise Constant Level Set Method Applied to Multiphase Image Segmentation. Lecture Notes in Computer Science, 2009, , 1-13.	1.3	47
134	On Semi-implicit Splitting Schemes for the Beltrami Color Flow. Lecture Notes in Computer Science, 2009, , 259-270.	1.3	6
135	Image Denoising Using TV-Stokes Equation with an Orientation-Matching Minimization. Lecture Notes in Computer Science, 2009, , 490-501.	1.3	9
136	Augmented Lagrangian Method, Dual Methods and Split Bregman Iteration for ROF Model. Lecture Notes in Computer Science, 2009, , 502-513.	1.3	123
137	On Level-Set Type Methods for Recovering Piecewise Constant Solutions of Ill-Posed Problems. Lecture Notes in Computer Science, 2009, , 50-62.	1.3	2
138	Efficient Global Minimization for the Multiphase Chan-Vese Model of Image Segmentation. Lecture Notes in Computer Science, 2009, , 28-41.	1.3	21
139	Model the Solvent-Excluded Surface of 3D Protein Molecular Structures Using Geometric PDE-Based Level-Set Method. Communications in Computational Physics, 2009, 6, 777-792.	1.7	5
140	Level Set Methods for Watershed Image Segmentation. , 2007, , 178-190.		26
141	Level Set Method for Positron Emission Tomography. International Journal of Biomedical Imaging, 2007, 2007, 1-15.	3.9	14
142	A TV-Stokes Denoising Algorithm. , 2007, , 473-483.		34
143	Efficient History Matching and Production Optimization With the Augmented Lagrangian Method. , 2007, , .		4
144	Fast PCLSM with Newton Updating Algorithm. Mathematics and Visualization, 2007, , 249-262.	0.6	0

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145	Nonlinear Multilevel Schemes for Solving the Total Variation Image Minimization Problem. Mathematics and Visualization, 2007, , 265-288.	0.6	8
146	Fast Implementation of Piecewise Constant Level Set Methods. Mathematics and Visualization, 2007, , 289-308.	0.6	3
147	A piecewise constant level set method for elliptic inverse problems. Applied Numerical Mathematics, 2007, 57, 686-696.	2.1	40
148	Image Segmentation Using Some Piecewise Constant Level Set Methods with MBO Type of Projection. International Journal of Computer Vision, 2007, 73, 61-76.	15.6	47
149	A Nonlinear Multigrid Method for Total Variation Minimization from Image Restoration. Journal of Scientific Computing, 2007, 33, 115-138.	2.3	34
150	Image Inpainting Using a TV-Stokes Equation. Mathematics and Visualization, 2007, , 3-22.	0.6	22
151	Reservoir Description Using a Binary Level Set Approach with Additional Prior Information About the Reservoir Model. Mathematics and Visualization, 2007, , 403-426.	0.6	1
152	Piecewise Constant Level Set Method for 3D Image Segmentation. , 2007, , 687-696.		1
153	A binary level set model and some applications to Mumford-Shah image segmentation. IEEE Transactions on Image Processing, 2006, 15, 1171-1181.	9.8	294
154	Iterative Image Restoration Combining Total Variation Minimization and a Second-Order Functional. International Journal of Computer Vision, 2006, 66, 5-18.	15.6	253
155	A discrete de Rham complex with enhanced smoothness. Calcolo, 2006, 43, 287-306.	1.1	57
156	Automated detection of tunneling nanotubes in 3D images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 961-972.	1.5	21
157	Piecewise Constant Level Set Method for Interface Problems. International Series of Numerical Mathematics, 2006, , 307-316.	1.1	8
158	A variant of the level set method and applications to image segmentation. Mathematics of Computation, 2006, 75, 1155-1175.	2.1	166
159	Piecewise Constant Level Set Methods and Image Segmentation. Lecture Notes in Computer Science, 2005, , 573-584.	1.3	22
160	Electrical impedance tomography using level set representation and total variational regularization. Journal of Computational Physics, 2005, 205, 357-372.	3.8	185
161	Parameter Estimation with the Augmented Lagrangian Method for a Parabolic Equation. Journal of Optimization Theory and Applications, 2005, 124, 435-453.	1.5	21
162	Level set and total variation regularization for elliptic inverse problems with discontinuous coefficients. Journal of Computational Physics, 2004, 193, 40-66.	3.8	157

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163	Noise Removal Using Smoothed Normals and Surface Fitting. IEEE Transactions on Image Processing, 2004, 13, 1345-1357.	9.8	182
164	Permeability Estimation with the Augmented Lagrangian Method for a Nonlinear Diffusion Equation. Computational Geosciences, 2003, 7, 27-47.	2.4	17
165	Rate of Convergence for some constraint decomposition methods for nonlinear variational inequalities. Numerische Mathematik, 2003, 93, 755-786.	1.9	62
166	Convergence Rate Analysis of a Multiplicative Schwarz Method for Variational Inequalities. SIAM Journal on Numerical Analysis, 2003, 41, 1052-1073.	2.3	45
167	Identification of Discontinuous Coefficients in Elliptic Problems Using Total Variation Regularization. SIAM Journal of Scientific Computing, 2003, 25, 881-904.	2.8	94
168	Noise removal using fourth-order partial differential equation with applications to medical magnetic resonance images in space and time. IEEE Transactions on Image Processing, 2003, 12, 1579-1590.	9.8	738
169	Level Set Methods for a Parameter Identification Problem. IFIP Advances in Information and Communication Technology, 2003, , 189-200.	0.7	2
170	Superconvergence for the Gradient of Finite Element Approximations by L^2 Projections. SIAM Journal on Numerical Analysis, 2002, 40, 1263-1280.	2.3	50
171	A Robust Finite Element Method for Darcy--Stokes Flow. SIAM Journal on Numerical Analysis, 2002, 40, 1605-1631.	2.3	188
172	Domain Decomposition and Multigrid Methods for Obstacle Problems. Lecture Notes in Computer Science, 2002, , 345-352.	1.3	0
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175	Convergence rate analysis of an asynchronous space decomposition method for convex Minimization. Mathematics of Computation, 2001, 71, 1105-1135.	2.1	39
176	A robust nonconforming H^2-element. Mathematics of Computation, 2000, 70, 489-506.	2.1	74
177	Accuracy of a domain decomposition method for the recovering of discontinuous heat sources in metal sheet cutting. Computing and Visualization in Science, 1999, 2, 149-152.	1.2	5
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180	Applications of a space decomposition method to linear and nonlinear elliptic problems. Numerical Methods for Partial Differential Equations, 1998, 14, 717-737.	3.6	18

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181	Rate of Convergence of Some Space Decomposition Methods for Linear and Nonlinear Problems. SIAM Journal on Numerical Analysis, 1998, 35, 1558-1570.	2.3	67
182	A space decomposition method for parabolic equations. Numerical Methods for Partial Differential Equations, 1998, 14, 27-46.	3.6	0
183	Sequential and Parallel Splitting Methods for Bilinear Control Problems in Hilbert Spaces. SIAM Journal on Numerical Analysis, 1997, 34, 91-118.	2.3	32
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186	Parallel finite element splitting-up method for parabolic problems. Numerical Methods for Partial Differential Equations, 1991, 7, 209-225.	3.6	13
187	Multi-view subspace clustering with inter-cluster consistency and intra-cluster diversity among views. Applied Intelligence, 0, , 1.	5.3	7