

# Xue-Cheng Tai

## List of Publications by Year in descending order

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187  
papers

6,784  
citations

81900

39  
h-index

71685

76  
g-index

195  
all docs

195  
docs citations

195  
times ranked

3451  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Iterative Image Restoration Combining Total Variation Minimization and a Second-Order Functional. International Journal of Computer Vision, 2006, 66, 5-18.	15.6	253
5	A Robust Finite Element Method for Darcy–Stokes Flow. SIAM Journal on Numerical Analysis, 2002, 40, 1605-1631.	2.3	188
6	Electrical impedance tomography using level set representation and total variational regularization. Journal of Computational Physics, 2005, 205, 357-372.	3.8	185
7	Noise Removal Using Smoothed Normals and Surface Fitting. IEEE Transactions on Image Processing, 2004, 13, 1345-1357.	9.8	182
8	A variant of the level set method and applications to image segmentation. Mathematics of Computation, 2006, 75, 1155-1175.	2.1	166
9	A Weighted Dictionary Learning Model for Denoising Images Corrupted by Mixed Noise. IEEE Transactions on Image Processing, 2013, 22, 1108-1120.	9.8	163
10	Level set and total variation regularization for elliptic inverse problems with discontinuous coefficients. Journal of Computational Physics, 2004, 193, 40-66.	3.8	157
11	A study on continuous max-flow and min-cut approaches. , 2010, , .		156
12	A Fast Algorithm for Euler's Elastica Model Using Augmented Lagrangian Method. SIAM Journal on Imaging Sciences, 2011, 4, 313-344.	2.2	147
13	Global Minimization for Continuous Multiphase Partitioning Problems Using a Dual Approach. International Journal of Computer Vision, 2011, 92, 112-129.	15.6	128
14	Augmented Lagrangian Method, Dual Methods and Split Bregman Iteration for ROF Model. Lecture Notes in Computer Science, 2009, , 502-513.	1.3	123
15	Augmented Lagrangian method for total variation restoration with non-quadratic fidelity. Inverse Problems and Imaging, 2011, 5, 237-261.	1.1	123
16	A parallel splitting up method and its application to Navier-Stokes equations. Applied Mathematics Letters, 1991, 4, 25-29.	2.7	120
17	Global and uniform convergence of subspace correction methods for some convex optimization problems. Mathematics of Computation, 2001, 71, 105-125.	2.1	95
18	Identification of Discontinuous Coefficients in Elliptic Problems Using Total Variation Regularization. SIAM Journal of Scientific Computing, 2003, 25, 881-904.	2.8	94

#	ARTICLE	IF	CITATIONS
19	A Continuous Max-Flow Approach to Potts Model. Lecture Notes in Computer Science, 2010, , 379-392.	1.3	94
20	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
21	Image Segmentation Based on GrabCut Framework Integrating Multiscale Nonlinear Structure Tensor. IEEE Transactions on Image Processing, 2009, 18, 2289-2302.	9.8	86
22	Orientation-Matching Minimization for Image Denoising and Inpainting. International Journal of Computer Vision, 2011, 92, 308-324.	15.6	82
23	Augmented Lagrangian method for a mean curvature based image denoising model. Inverse Problems and Imaging, 2013, 7, 1409-1432.	1.1	82
24	A robust nonconforming $H^2$ -element. Mathematics of Computation, 2000, 70, 489-506.	2.1	74
25	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
26	Rate of Convergence for some constraint decomposition methods for nonlinear variational inequalities. Numerische Mathematik, 2003, 93, 755-786.	1.9	62
27	Image Segmentation Using Euler's Elastica as the Regularization. Journal of Scientific Computing, 2013, 57, 414-438.	2.3	59
28	A discrete de Rham complex with enhanced smoothness. Calcolo, 2006, 43, 287-306.	1.1	57
29	Deep Learning for Remote Sensing Image Understanding. Journal of Sensors, 2016, 2016, 1-2.	1.1	52
30	Superconvergence for the Gradient of Finite Element Approximations by $L_2$ Projections. SIAM Journal on Numerical Analysis, 2002, 40, 1263-1280.	2.3	50
31	A dual algorithm for minimization of the LLT model. Advances in Computational Mathematics, 2009, 31, 115-130.	1.6	50
32	Graph Cuts for Curvature Based Image Denoising. IEEE Transactions on Image Processing, 2011, 20, 1199-1210.	9.8	48
33	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
34	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
35	Convergence Rate Analysis of a Multiplicative Schwarz Method for Variational Inequalities. SIAM Journal on Numerical Analysis, 2003, 41, 1052-1073.	2.3	45
36	Multilayer graph cuts based unsupervised color texture image segmentation using multivariate mixed student's $t$ -distribution and regional credibility merging. Pattern Recognition, 2013, 46, 1101-1124.	8.1	43

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37	A piecewise constant level set method for elliptic inverse problems. Applied Numerical Mathematics, 2007, 57, 686-696.	2.1	40
38	Fast algorithm for color texture image inpainting using the non-local CTV model. Journal of Global Optimization, 2015, 62, 853-876.	1.8	40
39	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
40	Convergence rate analysis of an asynchronous space decomposition method for convex Minimization. Mathematics of Computation, 2001, 71, 1105-1135.	2.1	39
41	Evaluation of the performance of classification algorithms for XFEL single-particle imaging data. IUCr, 2019, 6, 331-340.	2.2	36
42	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
43	A spatially continuous max-flow and min-cut framework for binary labeling problems. Numerische Mathematik, 2014, 126, 559-587.	1.9	35
44	Multi-class Transductive Learning Based on $\alpha_1$ Relaxations of Cheeger Cut and Mumford-Shah-Potts Model. Journal of Mathematical Imaging and Vision, 2014, 49, 191-201.	1.3	35
45	A TV-Stokes Denoising Algorithm. , 2007, , 473-483.		34
46	A Nonlinear Multigrid Method for Total Variation Minimization from Image Restoration. Journal of Scientific Computing, 2007, 33, 115-138.	2.3	34
47	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
48	Augmented Lagrangian Method for Generalized TV-Stokes Model. Journal of Scientific Computing, 2012, 50, 235-264.	2.3	33
49	Sequential and Parallel Splitting Methods for Bilinear Control Problems in Hilbert Spaces. SIAM Journal on Numerical Analysis, 1997, 34, 91-118.	2.3	32
50	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
51	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
52	A Compound Algorithm of Denoising Using Second-Order and Fourth-Order Partial Differential Equations. Numerical Mathematics, 2009, 2, 353-376.	1.3	29
53	On multiple level-set regularization methods for inverse problems. Inverse Problems, 2009, 25, 035004.	2.0	29
54	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

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55	Mesh Snapping: Robust Interactive Mesh Cutting Using Fast Geodesic Curvature Flow. Computer Graphics Forum, 2010, 29, 517-526.	3.0	29
56	Convexity Shape Prior for Level Set-Based Image Segmentation Method. IEEE Transactions on Image Processing, 2020, 29, 7141-7152.	9.8	29
57	A two-level domain decomposition method for image restoration. Inverse Problems and Imaging, 2010, 4, 523-545.	1.1	29
58	Four-Color Theorem and Level Set Methods for Watershed Segmentation. International Journal of Computer Vision, 2009, 82, 264-283.	15.6	27
59	An efficient method for smart well production optimisation. Journal of Petroleum Science and Engineering, 2009, 69, 25-39.	4.2	27
60	Global Binary Optimization on Graphs for Classification of High-Dimensional Data. Journal of Mathematical Imaging and Vision, 2015, 52, 414-435.	1.3	27
61	Level Set Methods for Watershed Image Segmentation. , 2007, , 178-190.		26
62	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
63	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
64	A regularized convolutional neural network for semantic image segmentation. Analysis and Applications, 2021, 19, 147-165.	2.2	24
65	A space decomposition method for parabolic equations. Numerical Methods for Partial Differential Equations, 1998, 14, 27-46.	3.6	23
66	Domain Decomposition Methods for Nonlocal Total Variation Image Restoration. Journal of Scientific Computing, 2014, 60, 79-100.	2.3	23
67	An Effective Region Force for Some Variational Models for Learning and Clustering. Journal of Scientific Computing, 2018, 74, 175-196.	2.3	23
68	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
69	Piecewise Constant Level Set Methods and Image Segmentation. Lecture Notes in Computer Science, 2005, , 573-584.	1.3	22
70	A Saddle Point Approach to the Computation of Harmonic Maps. SIAM Journal on Numerical Analysis, 2009, 47, 1500-1523.	2.3	22
71	Image Inpainting Using a TV-Stokes Equation. Mathematics and Visualization, 2007, , 3-22.	0.6	22
72	Parameter Estimation with the Augmented Lagrangian Method for a Parabolic Equation. Journal of Optimization Theory and Applications, 2005, 124, 435-453.	1.5	21

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73	Automated detection of tunneling nanotubes in 3D images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 961-972.	1.5	21
74	Efficient Global Minimization for the Multiphase Chan-Vese Model of Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2009, , 28-41.	1.3	21
75	A Direct Approach Toward Global Minimization for Multiphase Labeling and Segmentation Problems. <i>IEEE Transactions on Image Processing</i> , 2012, 21, 2399-2411.	9.8	20
76	Some Facts About Operator-Splitting and Alternating Direction Methods. <i>Scientific Computation</i> , 2016, , 19-94.	0.2	20
77	Applications of a space decomposition method to linear and nonlinear elliptic problems. <i>Numerical Methods for Partial Differential Equations</i> , 1998, 14, 717-737.	3.6	18
78	A Modified TV-Stokes Model for Image Processing. <i>SIAM Journal of Scientific Computing</i> , 2011, 33, 1574-1597.	2.8	18
79	Permeability Estimation with the Augmented Lagrangian Method for a Nonlinear Diffusion Equation. <i>Computational Geosciences</i> , 2003, 7, 27-47.	2.4	17
80	Identification of diffusion parameters in a nonlinear convection-diffusion equation using the augmented Lagrangian method. <i>Computational Geosciences</i> , 2009, 13, 317-329.	2.4	17
81	Efficient Global Minimization Methods for Image Segmentation Models with Four Regions. <i>Journal of Mathematical Imaging and Vision</i> , 2015, 51, 71-97.	1.3	16
82	A Fast Continuous Max-Flow Approach to Non-convex Multi-labeling Problems. <i>Lecture Notes in Computer Science</i> , 2014, , 134-154.	1.3	16
83	Scale-Space Analysis of Discrete Filtering over Arbitrary Triangulated Surfaces. <i>SIAM Journal on Imaging Sciences</i> , 2009, 2, 670-709.	2.2	15
84	Reservoir description using a binary level set model. <i>Computing and Visualization in Science</i> , 2010, 13, 41-58.	1.2	15
85	Image denoising and deblurring: non-convex regularization, inverse diffusion and shock filter. <i>Science China Information Sciences</i> , 2011, 54, 1184-1198.	4.3	15
86	Domain decomposition methods with graph cuts algorithms for total variation minimization. <i>Advances in Computational Mathematics</i> , 2012, 36, 175-199.	1.6	15
87	Convex Shape Prior for Multi-Object Segmentation Using a Single Level Set Function. , 2019, , .		15
88	Level Set Method for Positron Emission Tomography. <i>International Journal of Biomedical Imaging</i> , 2007, 2007, 1-15.	3.9	14
89	A Ridge and Corner Preserving Model for Surface Restoration. <i>SIAM Journal of Scientific Computing</i> , 2013, 35, A675-A695.	2.8	14
90	Parallel finite element splitting-up method for parabolic problems. <i>Numerical Methods for Partial Differential Equations</i> , 1991, 7, 209-225.	3.6	13



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109	3D Multiphase Piecewise Constant Level Set Method Based on Graph Cut Minimization. Numerical Mathematics, 2009, 2, 403-420.	1.3	8
110	L 0-Norm and Total Variation for Wavelet Inpainting. Lecture Notes in Computer Science, 2009, , 539-551.	1.3	8
111	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
112	Simplified Energy Landscape for Modularity Using Total Variation. SIAM Journal on Applied Mathematics, 2018, 78, 2439-2464.	1.8	8
113	A Globally Convergent Algorithm for a Constrained Non-Lipschitz Image Restoration Model. Journal of Scientific Computing, 2020, 83, 1.	2.3	8
114	Learned snakes for 3D image segmentation. Signal Processing, 2021, 183, 108013.	3.7	8
115	Topology- and convexity-preserving image segmentation based on image registration. Applied Mathematical Modelling, 2021, 100, 218-239.	4.2	8
116	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
117	Fast image segmentation based on multilevel banded closed-form method. Pattern Recognition Letters, 2010, 31, 216-225.	4.2	7
118	Compression and denoising using l 0-norm. Computational Optimization and Applications, 2011, 50, 425-444.	1.6	7
119	Reconstructing Open Surfaces via Graph-Cuts. IEEE Transactions on Visualization and Computer Graphics, 2013, 19, 306-318.	4.4	7
120	Simultaneous Convex Optimization of Regions and Region Parameters in Image Segmentation Models. Mathematics and Visualization, 2013, , 421-438.	0.6	7
121	A Color Elastica Model for Vector-Valued Image Regularization. SIAM Journal on Imaging Sciences, 2021, 14, 717-748.	2.2	7
122	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
123	A dual EM algorithm for TV regularized Gaussian mixture model in image segmentation. Inverse Problems and Imaging, 2019, 13, 653-677.	1.1	7
124	Nonlocal regularized CNN for image segmentation. Inverse Problems and Imaging, 2020, 14, 891-911.	1.1	7
125	Multi-view subspace clustering with inter-cluster consistency and intra-cluster diversity among views. Applied Intelligence, 0, , 1.	5.3	7
126	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



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127	An Operator-Splitting Method for the Gaussian Curvature Regularization Model with Applications to Surface Smoothing and Imaging. <i>SIAM Journal of Scientific Computing</i> , 2022, 44, A935-A963.	2.8	7
128	Volume preserving image segmentation with entropy regularized optimal transport and its applications in deep learning. <i>Journal of Visual Communication and Image Representation</i> , 2020, 71, 102845.	2.8	6
129	Overlapping Domain Decomposition Methods for Ptychographic Imaging. <i>SIAM Journal of Scientific Computing</i> , 2021, 43, B570-B597.	2.8	6
130	On Semi-implicit Splitting Schemes for the Beltrami Color Flow. <i>Lecture Notes in Computer Science</i> , 2009, , 259-270.	1.3	6
131	Fast Regularization of Matrix-Valued Images. <i>Lecture Notes in Computer Science</i> , 2012, , 173-186.	1.3	6
132	Primal-dual method for continuous max-flow approaches. , 2015, , 17-24.		6
133	Four color theorem and convex relaxation for image segmentation with any number of regions. <i>Inverse Problems and Imaging</i> , 2013, 7, 1099-1113.	1.1	6
134	Global extrapolation with a parallel splitting method. <i>Numerical Algorithms</i> , 1992, 3, 427-440.	1.9	5
135	Accuracy of a domain decomposition method for the recovering of discontinuous heat sources in metal sheet cutting. <i>Computing and Visualization in Science</i> , 1999, 2, 149-152.	1.2	5
136	A Multigrid Algorithm for Maxflow and Min-Cut Problems with Applications to Multiphase Image Segmentation. <i>Journal of Scientific Computing</i> , 2021, 87, 1.	2.3	5
137	A new variational approach based on level-set function for convex hull problem with outliers. <i>Inverse Problems and Imaging</i> , 2021, 15, 315-338.	1.1	5
138	Maximizing Flows with Message-Passing: Computing Spatially Continuous Min-Cuts. <i>Lecture Notes in Computer Science</i> , 2015, , 15-28.	1.3	5
139	A Continuous Max-Flow Approach to Minimal Partitions with Label Cost Prior. <i>Lecture Notes in Computer Science</i> , 2012, , 279-290.	1.3	5
140	Jointly Segmenting Prostate Zones in 3D MRIs by Globally Optimized Coupled Level-Sets. <i>Lecture Notes in Computer Science</i> , 2013, , 12-25.	1.3	5
141	Model the Solvent-Excluded Surface of 3D Protein Molecular Structures Using Geometric PDE-Based Level-Set Method. <i>Communications in Computational Physics</i> , 2009, 6, 777-792.	1.7	5
142	A Variational Approach for Detecting Feature Lines on Meshes. <i>Journal of Computational Mathematics</i> , 2016, 34, 87-112.	0.4	5
143	Efficient History Matching and Production Optimization With the Augmented Lagrangian Method. , 2007, , .		4
144	Adaptive wavelet collocation methods for image segmentation using TV-Allen-Cahn type models. <i>Advances in Computational Mathematics</i> , 2013, 38, 101-131.	1.6	4

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145	Regularized UNet for Automated Pancreas Segmentation. , 2019, , .		4
146	Fast Regularization of Matrix-Valued Images. Lecture Notes in Computer Science, 2014, , 19-43.	1.3	4
147	Fast Algorithms for p-elastic Energy with the Application to Image Inpainting and Curve Reconstruction. Lecture Notes in Computer Science, 2012, , 169-182.	1.3	4
148	A Study on Convex Optimization Approaches to Image Fusion. Lecture Notes in Computer Science, 2012, , 122-133.	1.3	4
149	An Elastica Geodesic Approach with Convexity Shape Prior. , 2021, , .		4
150	Fast Implementation of Piecewise Constant Level Set Methods. Mathematics and Visualization, 2007, , 289-308.	0.6	3
151	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
152	Efficient Convex Optimization Approaches to Variational Image Fusion. Numerical Mathematics, 2014, 7, 234-250.	1.3	3
153	Fast operator-splitting algorithms for variational imaging models: Some recent developments. Handbook of Numerical Analysis, 2019, 20, 191-232.	1.8	3
154	A Variational Convex Hull Algorithm. Lecture Notes in Computer Science, 2019, , 224-235.	1.3	3
155	Fast numerical schemes related to curvature minimization: a brief and elementary review. Actes Des Rencontres Du CIRM, 2013, 3, 17-30.	0.0	3
156	Convex Object(s) Characterization and Segmentation Using Level Set Function. Journal of Mathematical Imaging and Vision, 2022, 64, 68-88.	1.3	3
157	Title is missing!. Numerical Algorithms, 1998, 18, 321-336.	1.9	2
158	Subspace correction methods for nonsymmetric parabolic problems. Linear Algebra and Its Applications, 2001, 332-334, 205-234.	0.9	2
159	Stroke-Based Surface Reconstruction. Numerical Mathematics, 2013, 6, 297-324.	1.3	2
160	Survey of fast algorithms for Euler's elastica-based image segmentation. Handbook of Numerical Analysis, 2019, 20, 533-552.	1.8	2
161	An efficient multi-grid method for TV minimization problems. Inverse Problems and Imaging, 2021, 15, 1199.	1.1	2
162	Level Set Methods for a Parameter Identification Problem. IFIP Advances in Information and Communication Technology, 2003, , 189-200.	0.7	2

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163	Variational Time-Implicit Multiphase Level-Sets. Lecture Notes in Computer Science, 2015, , 278-291.	1.3	2
164	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
165	A new binary representation method for shape convexity and application to image segmentation. Analysis and Applications, 2022, 20, 465-481.	2.2	2
166	Enhancing coded video quality with perceptual foveation driven bit allocation strategy. , 2013, , .		1
167	Bregman-Proximal Augmented Lagrangian Approach to Multiphase Image Segmentation. Lecture Notes in Computer Science, 2017, , 524-534.	1.3	1
168	An Iteration Method for X-Ray CT Reconstruction from Variable-Truncation Projection Data. Lecture Notes in Computer Science, 2019, , 144-155.	1.3	1
169	On Variable Splitting and Augmented Lagrangian Method for Total Variation-Related Image Restoration Models. , 2021, , 1-47.		1
170	The Potts Model with Different Piecewise Constant Representations and Fast Algorithms: A Survey. , 2021, , 1-41.		1
171	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
172	A Fast Augmented Lagrangian Method for Euler's Elastica Model. Lecture Notes in Computer Science, 2012, , 144-156.	1.3	1
173	Curvature Minimization for Surface Reconstruction with Features. Lecture Notes in Computer Science, 2012, , 495-507.	1.3	1
174	Data-driven Method for 3D Axis-symmetric Object Reconstruction from Single Cone-beam Projection Data. , 2019, , .		1
175	Simultaneous Denoising and Illumination Correction via Local Data-Fidelity and Nonlocal Regularization. Lecture Notes in Computer Science, 2012, , 218-230.	1.3	1
176	A Generic Convexification and Graph Cut Method for Multiphase Image Segmentation. Lecture Notes in Computer Science, 2013, , 251-265.	1.3	1
177	Piecewise Constant Level Set Method for 3D Image Segmentation. , 2007, , 687-696.		1
178	Fast PCLSM with Newton Updating Algorithm. Mathematics and Visualization, 2007, , 249-262.	0.6	0
179	Augmented Lagrangian for Polyakov Action Minimization in Color Images. , 2010, , .		0
180	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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181	Domain Decomposition Methods for Total Variation Minimization. Lecture Notes in Computer Science, 2015, , 335-349.	1.3	0
182	Variational Model for Depth Estimation from Images. , 2019, , .		0
183	The Potts Model with Different Piecewise Constant Representations and Fast Algorithms: A Survey. , 2021, , 1-41.		0
184	Domain Decomposition and Multigrid Methods for Obstacle Problems. Lecture Notes in Computer Science, 2002, , 345-352.	1.3	0
185	Curvature-based authentication of van Gogh paintings. Methods and Applications of Analysis, 2019, 26, 269-280.	0.5	0
186	Low-dose X-ray Computed Tomography Image Reconstruction Using Edge Sparsity Regularization. , 2019, , .		0
187	A space decomposition method for parabolic equations. Numerical Methods for Partial Differential Equations, 1998, 14, 27-46.	3.6	0