

Yang Chen

List of Publications by Year in descending order

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221
papers

6,563
citations

76326

40
h-index

79698

73
g-index

227
all docs

227
docs citations

227
times ranked

5939
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning-based model for prediction of hemorrhagic transformation after stroke. <i>Brain Pathology</i> , 2023, 33, e13023.	4.1	16
2	Design and synthesis of small molecular 2-aminobenzoxazoles as potential antifungal agents against phytopathogenic fungi. <i>Molecular Diversity</i> , 2022, 26, 981-992.	3.9	15
3	Low-dose CT imaging via cascaded ResUnet with spectrum loss. <i>Methods</i> , 2022, 202, 78-87.	3.8	5
4	MVSGAN: Spatial-Aware Multi-View CMR Fusion for Accurate 3D Left Ventricular Myocardium Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2264-2275.	6.3	3
5	Nitrogen-doped biochar as peroxymonosulfate activator to degrade 2,4-dichlorophenol: Preparation, properties and structure-activity relationship. <i>Journal of Hazardous Materials</i> , 2022, 424, 127743.	12.4	16
6	X-CTRSNet: 3D cervical vertebra CT reconstruction and segmentation directly from 2D X-ray images. <i>Knowledge-Based Systems</i> , 2022, 236, 107680.	7.1	9
7	Online Hard Patch Mining Using Shape Models and Bandit Algorithm for Multi-Organ Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 2648-2659.	6.3	4
8	Dual-functional significance of ATM-mediated phosphorylation of spindle assembly checkpoint component Bub3 in mitosis and the DNA damage response. <i>Journal of Biological Chemistry</i> , 2022, 298, 101632.	3.4	5
9	DIOR: Deep Iterative Optimization-Based Residual-Learning for Limited-Angle CT Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 1778-1790.	8.9	30
10	Iterative Reconstruction for Low-Dose CT Using Deep Gradient Priors of Generative Model. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 741-754.	3.7	3
11	Predicting HER2 Status in Breast Cancer on Ultrasound Images Using Deep Learning Method. <i>Frontiers in Oncology</i> , 2022, 12, 829041.	2.8	9
12	Robust restoration of low-dose cerebral perfusion CT images using NCS-Unet. <i>Nuclear Science and Techniques/Hewuli</i> , 2022, 33, 1.	3.4	9
13	A Synthetic View on Momilactones and Related β -H Pimarane Skeleton Diterpenoids. <i>Frontiers in Chemistry</i> , 2022, 10, 882404.	3.6	5
14	Sex Pheromones of the Potato Tuber Moth (<i>Phthorimaea operculella</i>). <i>Frontiers in Chemistry</i> , 2022, 10, 882400.	3.6	0
15	Deep learning-based framework for segmentation of multiclass rib fractures in CT utilizing a multi-angle projection network. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 1115-1124.	2.8	2
16	DIRECT-Net: A unified mutual-domain material decomposition network for quantitative dual-energy CT imaging. <i>Medical Physics</i> , 2022, 49, 917-934.	3.0	15
17	Plasmonic Gold Nanoparticles Stain Hydrogels for the Portable and High-Throughput Monitoring of Mercury Ions. <i>Environmental Science & Technology</i> , 2022, 56, 1041-1052.	10.0	19
18	MRCON-Net: Multiscale reweighted convolutional coding neural network for low-dose CT imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106851.	4.7	6

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19	Masked Joint Bilateral Filtering via Deep Image Prior for Digital X-Ray Image Denoising. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4008-4019.	6.3	5
20	Deformable transformer for endoscopic video super-resolution. Biomedical Signal Processing and Control, 2022, 77, 103827.	5.7	2
21	RE-3DLVNet: Refined estimation of the left ventricle volume via interactive 3D segmentation and reinforced quantification. Knowledge-Based Systems, 2022, 251, 109212.	7.1	0
22	MNet: Rethinking 2D/3D Networks for Anisotropic Medical Image Segmentation. , 2022, , .		18
23	BKC-Net: Bi-Knowledge Contrastive Learning for renal tumor diagnosis on 3D CT images. Knowledge-Based Systems, 2022, 252, 109369.	7.1	4
24	ResNet-SCDA-50 for Breast Abnormality Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 94-102.	3.0	55
25	Hybrid-Domain Neural Network Processing for Sparse-View CT Reconstruction. IEEE Transactions on Radiation and Plasma Medical Sciences, 2021, 5, 88-98.	3.7	51
26	ELNet:Automatic classification and segmentation for esophageal lesions using convolutional neural network. Medical Image Analysis, 2021, 67, 101838.	11.6	50
27	<i>In situ</i> synthesis of superorganism-like Au NPs within microgels with ultra-wide absorption in visible and near-infrared regions for combined cancer therapy. Biomaterials Science, 2021, 9, 774-779.	5.4	8
28	Ag-containing antibacterial self-healing micro-arc oxidation coatings on Mg-Zn-Sr alloys. Surface Engineering, 2021, 37, 926-941.	2.2	19
29	An automatic machine learning approach for ischemic stroke onset time identification based on DWI and FLAIR imaging. NeuroImage: Clinical, 2021, 31, 102744.	2.7	24
30	CLEAR: Comprehensive Learning Enabled Adversarial Reconstruction for Subtle Structure Enhanced Low-Dose CT Imaging. IEEE Transactions on Medical Imaging, 2021, 40, 3089-3101.	8.9	52
31	Homotopic Gradients of Generative Density Priors for MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3265-3278.	8.9	15
32	MAGIC: Manifold and Graph Integrative Convolutional Network for Low-Dose CT Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3459-3472.	8.9	53
33	Edge prior guided dictionary learning for quantitative susceptibility mapping reconstruction. Quantitative Imaging in Medicine and Surgery, 2021, 12, 0-0.	2.0	0
34	SPECIAL: Single-Shot Projection Error Correction Integrated Adversarial Learning for Limited-Angle CT. IEEE Transactions on Computational Imaging, 2021, 7, 734-746.	4.4	23
35	EnMcGAN: Adversarial Ensemble Learning for 3D Complete Renal Structures Segmentation. Lecture Notes in Computer Science, 2021, , 465-477.	1.3	3
36	A Bulk-Heterostructure Nanocomposite Electrolyte of Ce _{0.8} Sm _{0.2} O ₂ -SrTiO ₃ for Low-Temperature Solid Oxide Fuel Cells. Nano-Micro Letters, 2021, 13, 46.	27.0	66

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37	CD-Net: Comprehensive Domain Network With Spectral Complementary for DECT Sparse-View Reconstruction. IEEE Transactions on Computational Imaging, 2021, 7, 436-447.	4.4	25
38	Marginal loss and exclusion loss for partially supervised multi-organ segmentation. Medical Image Analysis, 2021, 70, 101979.	11.6	54
39	Automated evaluation of tumor spheroid behavior in 3D culture using deep learning-based recognition. Biomaterials, 2021, 272, 120770.	11.4	40
40	Unsupervised domain adaptation based on cluster matching and Fisher criterion for image classification. Computers and Electrical Engineering, 2021, 91, 107041.	4.8	9
41	Estimating dual-energy CT imaging from single-energy CT data with material decomposition convolutional neural network. Medical Image Analysis, 2021, 70, 102001.	11.6	34
42	Evidence of Altered Cortical Processing of Dynamic Lexical Tone Pitch Contour in Chinese Children with Autism. Neuroscience Bulletin, 2021, 37, 1605-1608.	2.9	4
43	3D Morphologic Findings Before and After Thoracic Endovascular Aortic Repair for Type B Aortic Dissection. Annals of Vascular Surgery, 2021, 74, 220-228.	0.9	4
44	Modular DC-DC auto-transformer: Topology, operation, and system design. IET Power Electronics, 2021, 14, 2289-2302.	2.1	3
45	A One-Dimensional U-Net-Based Calibration-Transfer Method for Low-Field Nuclear Magnetic Resonance Signals. Analytical Chemistry, 2021, 93, 10469-10476.	6.5	2
46	Prediction of breast cancer molecular subtypes using DCE-MRI based on CNNs combined with ensemble learning. Physics in Medicine and Biology, 2021, 66, 175009.	3.0	22
47	Rollback reconstruction for TDC enhanced perfusion imaging. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	2
48	Dual-domain reconstruction network for sparse-view CT. , 2021, , .		4
49	Automatic and Robust Object Detection in X-Ray Baggage Inspection Using Deep Convolutional Neural Networks. IEEE Transactions on Industrial Electronics, 2021, 68, 10248-10257.	7.9	23
50	An automated ASPECTS method with atlas-based segmentation. Computer Methods and Programs in Biomedicine, 2021, 210, 106376.	4.7	4
51	Convolutional squeeze-and-excitation network for ECG arrhythmia detection. Artificial Intelligence in Medicine, 2021, 121, 102181.	6.5	12
52	Feasibility assessment of infectious keratitis depicted on slit-lamp and smartphone photographs using deep learning. International Journal of Medical Informatics, 2021, 155, 104583.	3.3	19
53	Dissected aorta segmentation using convolutional neural networks. Computer Methods and Programs in Biomedicine, 2021, 211, 106417.	4.7	7
54	Automated delineation of corneal layers on OCT images using a boundary-guided CNN. Pattern Recognition, 2021, 120, 108158.	8.1	12

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55	An adaptive optimal viewing angle determination algorithm for TEVAR operation. BMC Medical Imaging, 2021, 21, 141.	2.7	1
56	Automatic Patient-Level Detection of Coronavirus Disease (COVID-19) Using Convolutional Neural Network from Lung CT Scans. Journal of Medical Imaging and Health Informatics, 2021, 11, 2722-2732.	0.3	0
57	Thin Semantics Enhancement via High-Frequency Prior Rule for Thin Structures Segmentation. , 2021, , .		0
58	Particle Flow Analysis of Mechanical Properties and Failure Behaviour in Composite Rock Strata with Holes. Geofluids, 2021, 2021, 1-12.	0.7	1
59	Temporally downsampled cerebral CT perfusion image restoration using deep residual learning. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 193-201.	2.8	10
60	Compressed sensing MR image reconstruction via a deep frequency-division network. Neurocomputing, 2020, 384, 346-355.	5.9	11
61	Concise synthesis of polyselenides: efficient catalysts for the oxidative cracking reaction of alkenes allowing the utilization of O_2 as a partial oxidant under mild conditions. Sustainable Energy and Fuels, 2020, 4, 730-736.	4.9	26
62	Discriminative feature representation for Noisy image quality assessment. Multimedia Tools and Applications, 2020, 79, 7783-7809.	3.9	1
63	K-Net: Integrate Left Ventricle Segmentation and Direct Quantification of Paired Echo Sequence. IEEE Transactions on Medical Imaging, 2020, 39, 1690-1702.	8.9	41
64	SISTER: Spectral-Image Similarity-Based Tensor With Enhanced-Sparsity Reconstruction for Sparse-View Multi-Energy CT. IEEE Transactions on Computational Imaging, 2020, 6, 477-490.	4.4	27
65	An approach towards the construction of the tetracyclic skeleton of pahlanine alkaloids. Organic Chemistry Frontiers, 2020, 7, 2243-2246.	4.5	5
66	Coarse-to-fine classification for diabetic retinopathy grading using convolutional neural network. Artificial Intelligence in Medicine, 2020, 108, 101936.	6.5	69
67	An improved matrix-based endovascular guidewire position simulation using fusiform ternary tree. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, 1-11.	2.3	1
68	Modelling the broadest spectral band of the Crab nebula and constraining the ion acceleration efficiency. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3477-3483.	4.4	10
69	Automatic classification of esophageal lesions in endoscopic images using a convolutional neural network. Annals of Translational Medicine, 2020, 8, 486-486.	1.7	42
70	Dense biased networks with deep priori anatomy and hard region adaptation: Semi-supervised learning for fine renal artery segmentation. Medical Image Analysis, 2020, 63, 101722.	11.6	43
71	A quality improvement method for lung LDCT images. Journal of X-Ray Science and Technology, 2020, 28, 255-270.	1.0	2
72	Low Dose CT Image Reconstruction Based on Structure Tensor Total Variation Using Accelerated Fast Iterative Shrinkage Thresholding Algorithm. Sensors, 2020, 20, 1647.	3.8	5

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73	A Single-Shot Region-Adaptive Network for Myotendinous Junction Segmentation in Muscular Ultrasound Images. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2531-2542.	3.0	16
74	Vessel Structure Extraction using Constrained Minimal Path Propagation. Artificial Intelligence in Medicine, 2020, 105, 101846.	6.5	3
75	Weakly-supervised convolutional neural networks of renal tumor segmentation in abdominal CTA images. BMC Medical Imaging, 2020, 20, 37.	2.7	30
76	A wavelet transform-based photon starvation artifacts suppression algorithm in CT imaging. Physics in Medicine and Biology, 2020, 65, 235039.	3.0	5
77	High-dimensional embedding network derived prior for compressive sensing MRI reconstruction. Medical Image Analysis, 2020, 64, 101717.	11.6	14
78	Is PSR J0855 ⁺ 4644 responsible for the 1.4 TeV electron spectral bump hinted by DAMPE?. Monthly Notices of the Royal Astronomical Society, 2020, 500, 4573-4577.	4.4	2
79	Cascade ResUNet with Noise Power Spectrum Loss for Low Dose CT Imaging. , 2020, , .		2
80	A High Accuracy DNS Tunnel Detection Method Without Feature Engineering. , 2020, , .		5
81	Sparse Tensor Constrained for Low Dose CT Reconstruction. , 2019, , .		1
82	A Novel Chaos-Based Symmetric Image Encryption Using Bit-Pair Level Process. IEEE Access, 2019, 7, 99470-99480.	4.2	53
83	DeSpecNet: a CNN-based method for speckle reduction in retinal optical coherence tomography images. Physics in Medicine and Biology, 2019, 64, 175010.	3.0	42
84	Deep learning-based digital subtraction angiography image generation. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1775-1784.	2.8	21
85	Soft Tissue/Bone Decomposition of Conventional Chest Radiographs Using Nonparametric Image Priors. Applied Bionics and Biomechanics, 2019, 2019, 1-17.	1.1	1
86	Fermi LAT detection of the supernova remnant SNR 1006 revisited: The southwest limb. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	7
87	Artifact Suppressed Nonlinear Diffusion Filtering for Low-Dose CT Image Processing. IEEE Access, 2019, 7, 109856-109869.	4.2	5
88	An Improved Real-Time Endovascular Guidewire Position Simulation Using Activity on Edge Network. IEEE Access, 2019, 7, 126618-126624.	4.2	4
89	Relationship between alterations of urinary microbiota and cultured negative lower urinary tract symptoms in female type 2 diabetes patients. BMC Urology, 2019, 19, 78.	1.4	14
90	Fabrication of agarose hydrogel with patterned silver nanowires for motion sensor. Bio-Design and Manufacturing, 2019, 2, 269-277.	7.7	27

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91	PV-LVNet: Direct left ventricle multitype indices estimation from 2D echocardiograms of paired apical views with deep neural networks. <i>Medical Image Analysis</i> , 2019, 58, 101554.	11.6	33
92	Synthesis and <i>In Vitro</i> and <i>In Vivo</i> Biological Activity Evaluation and Quantitative Proteome Profiling of Oxadiazoles Bearing Flexible Heterocyclic Patterns. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7626-7639.	5.2	54
93	Graph-Regularized Discriminative Analysis-Synthesis Dictionary Pair Learning for Image Classification. <i>IEEE Access</i> , 2019, 7, 55398-55406.	4.2	10
94	Domain Progressive 3D Residual Convolution Network to Improve Low-Dose CT Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2903-2913.	8.9	147
95	Denoising of 3D magnetic resonance images using a residual encoder-decoder Wasserstein generative adversarial network. <i>Medical Image Analysis</i> , 2019, 55, 165-180.	11.6	99
96	K isotopes as a tracer for continental weathering and geological K cycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8740-8745.	7.1	99
97	Study on shear behavior of kaolinite contaminated by heavy metal Cu (II). <i>Environmental Science and Pollution Research</i> , 2019, 26, 13906-13913.	5.3	7
98	Deep iterative reconstruction estimation (DIRE): approximate iterative reconstruction estimation for low dose CT imaging. <i>Physics in Medicine and Biology</i> , 2019, 64, 135007.	3.0	33
99	Obtaining dual-energy computed tomography (CT) information from a single-energy CT image for quantitative imaging analysis of living subjects by using deep learning. , 2019, , .		10
100	4D-CBCT Reconstruction via Motion Compensation Learning Induced Sparse Tensor Constraint. , 2019, , .		3
101	Learning to Hash for Efficient Search Over Incomplete Knowledge Graphs. , 2019, , .		1
102	Vessel segmentation using centerline constrained level set method. <i>Multimedia Tools and Applications</i> , 2019, 78, 17051-17075.	3.9	17
103	Iterative spatial fuzzy clustering for 3D brain magnetic resonance image supervoxel segmentation. <i>Journal of Neuroscience Methods</i> , 2019, 311, 17-27.	2.5	19
104	DPA-DenseBiasNet: Semi-supervised 3D Fine Renal Artery Segmentation with Dense Biased Network and Deep Prior Anatomy. <i>Lecture Notes in Computer Science</i> , 2019, , 139-147.	1.3	20
105	A deep learning approach for dual-energy CT imaging using a single-energy CT data. , 2019, , .		11
106	Stereo-Correlation and Noise-Distribution Aware ResVoxGAN for Dense Slices Reconstruction and Noise Reduction in Thick Low-Dose CT. <i>Lecture Notes in Computer Science</i> , 2019, , 328-338.	1.3	5
107	Phase-Constrained Parallel Magnetic Resonance Imaging Reconstruction Based on Low-Rank Matrix Completion. <i>IEEE Access</i> , 2018, 6, 4941-4954.	4.2	2
108	Glacial-interglacial change in chlorite concentration from the Lingtai section in the Chinese Loess Plateau over the past 1.2 Ma and its possible forcing mechanisms. <i>Quaternary Research</i> , 2018, 89, 511-519.	1.7	5

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109	Predicting CT Image From MRI Data Through Feature Matching With Learned Nonlinear Local Descriptors. IEEE Transactions on Medical Imaging, 2018, 37, 977-987.	8.9	42
110	Local strain field engineering on interfacial thermal resistance of graphene nanoribbon. Applied Physics Letters, 2018, 112, .	3.3	8
111	Structure-Adaptive Fuzzy Estimation for Random-Valued Impulse Noise Suppression. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 414-427.	8.3	72
112	3D Feature Constrained Reconstruction for Low-Dose CT Imaging. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1232-1247.	8.3	98
113	Measurement and Analysis of the Reviews in Airbnb. , 2018, , .		4
114	Untargeted metabolomics profiles delineate metabolic alterations in mouse plasma during lung carcinoma development using UPLC-QTOF/MS in MS ^E mode. Royal Society Open Science, 2018, 5, 181143.	2.4	30
115	Understanding Cross-Site Linking in Online Social Networks. ACM Transactions on the Web, 2018, 12, 1-29.	2.5	21
116	Image Feature Based Machine Learning Approach for Road Terrain Classification. , 2018, , .		4
117	Intervention effect of Qi-Yu-San-Long Decoction on Lewis lung carcinoma in C57BL/6 mice: Insights from UPLC-QTOF/MS-based metabolic profiling. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1102-1103, 23-33.	2.3	25
118	Profiling the Urinary Microbiota in Male Patients With Bladder Cancer in China. Frontiers in Cellular and Infection Microbiology, 2018, 8, 167.	3.9	148
119	Automatic brain tissue segmentation based on graph filter. BMC Medical Imaging, 2018, 18, 9.	2.7	12
120	Artifact Removal using Improved GoogLeNet for Sparse-view CT Reconstruction. Scientific Reports, 2018, 8, 6700.	3.3	112
121	PCANet: An energy perspective. Neurocomputing, 2018, 313, 271-287.	5.9	19
122	A Hybrid Model for Image Denoising Combining Modified Isotropic Diffusion Model and Modified Perona-Malik Model. IEEE Access, 2018, 6, 33568-33582.	4.2	23
123	Sparse-view X-ray CT reconstruction with Gamma regularization. Neurocomputing, 2017, 230, 251-269.	5.9	20
124	Discriminative feature representation: an effective postprocessing solution to low dose CT imaging. Physics in Medicine and Biology, 2017, 62, 2103-2131.	3.0	36
125	Research status of magnesium alloys by micro-arc oxidation: a review. Surface Engineering, 2017, 33, 731-738.	2.2	70
126	Comparative studies on the multi-component pharmacokinetics of Aristolochiae Fructus and honey-fried Aristolochiae Fructus extracts after oral administration in rats. BMC Complementary and Alternative Medicine, 2017, 17, 107.	3.7	14

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127	Low-Dose CT With a Residual Encoder-Decoder Convolutional Neural Network. IEEE Transactions on Medical Imaging, 2017, 36, 2524-2535.	8.9	1,089
128	Low Dose Projection Data Reconstruction with a New Regularization. , 2017, , .		0
129	Ketamine-induced bladder fibrosis involves epithelial-to-mesenchymal transition mediated by transforming growth factor- β 1. American Journal of Physiology - Renal Physiology, 2017, 313, F961-F972.	2.7	32
130	A platform-independent method to reduce CT truncation artifacts using discriminative dictionary representations. Medical Physics, 2017, 44, 121-131.	3.0	5
131	Discriminative Prior - Prior Image Constrained Compressed Sensing Reconstruction for Low-Dose CT Imaging. Scientific Reports, 2017, 7, 13868.	3.3	17
132	Extended PCJO for the Detection-Localization of Hypersignals and Hyposignals in CT Images. IEEE Access, 2017, 5, 24239-24248.	4.2	1
133	Sacral Neuromodulation for Refractory Bladder Pain Syndrome/Interstitial Cystitis: a Global Systematic Review and Meta-analysis. Scientific Reports, 2017, 7, 11031.	3.3	39
134	Discriminative Feature Representation to Improve Projection Data Inconsistency for Low Dose CT Imaging. IEEE Transactions on Medical Imaging, 2017, 36, 2499-2509.	8.9	94
135	A seven-million-year hornblende mineral record from the central Chinese Loess Plateau. Scientific Reports, 2017, 7, 2382.	3.3	9
136	Nano-Fe ₃ O ₄ deposited CaCu ₃ Ti ₄ O ₁₂ /poly(vinylidene fluoride) composites with enhanced dielectric properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 2502-2510.	2.2	7
137	Improving Low-Dose CT Image Using Residual Convolutional Network. IEEE Access, 2017, 5, 24698-24705.	4.2	90
138	Remaining useful life prediction of lithium-ion battery using a hybrid model-based filtering and data-driven approach. , 2017, , .		6
139	MomentsNet: A simple learning-free method for binary image recognition. , 2017, , .		9
140	The GeV Gamma-Ray Emission Detected by <i>Fermi</i> -LAT Adjacent to SNR Kesteven 41. Proceedings of the International Astronomical Union, 2017, 12, 310-315.	0.0	0
141	Ketamine Analog Methoxetamine Induced Inflammation and Dysfunction of Bladder in Rats. International Journal of Molecular Sciences, 2017, 18, 117.	4.1	19
142	Urinary Microbiome and Psychological Factors in Women with Overactive Bladder. Frontiers in Cellular and Infection Microbiology, 2017, 7, 488.	3.9	79
143	The role of the diffusive protons in the gamma-ray emission of SNR RX J1713.7-3946. Proceedings of the International Astronomical Union, 2017, 12, 304-309.	0.0	0
144	Comparison of PM _{2.5} Exposure in Hazy and Non-Hazy Days in Nanjing, China. Aerosol and Air Quality Research, 2017, 17, 2235-2246.	2.1	21

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145	Intravesical Botulinum Toxin A Injections for Bladder Pain Syndrome/Interstitial Cystitis: A Systematic Review and Meta-Analysis of Controlled Studies. <i>Medical Science Monitor</i> , 2016, 22, 3257-3267.	1.1	25
146	A Correlation Based Strategy for the Acceleration of Nonlocal Means Filtering Algorithm. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-7.	1.1	0
147	Reduction of truncation artifacts in CT images via a discriminative dictionary representation method. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
148	Low-dose CBCT reconstruction via 3D dictionary learning. , 2016, , .		5
149	Automatic coronary calcium scoring using noncontrast and contrast CT images. <i>Medical Physics</i> , 2016, 43, 2174-2186.	3.0	36
150	Blood vessel enhancement via multi-dictionary and sparse coding: Application to retinal vessel enhancing. <i>Neurocomputing</i> , 2016, 200, 110-117.	5.9	25
151	Color image classification via quaternion principal component analysis network. <i>Neurocomputing</i> , 2016, 216, 416-428.	5.9	62
152	Improving Low-dose Cardiac CT Images based on 3D Sparse Representation. <i>Scientific Reports</i> , 2016, 6, 22804.	3.3	9
153	Improved Nonlocal Means for Low-Dose X-Ray CT Image. , 2016, , .		1
154	Component analysis and target cell-based neuroactivity screening of Panax ginseng by ultra-performance liquid chromatography coupled with quadrupole-time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1038, 1-11.	2.3	24
155	Plagioclase sub-species in Chinese loess deposits: Implications for dust source migration and past climate change. <i>Quaternary Research</i> , 2016, 85, 17-24.	1.7	7
156	Improving blood-compatibility via surface heparin-immobilization based on a liquid crystalline matrix. <i>Materials Science and Engineering C</i> , 2016, 58, 133-141.	7.3	19
157	Ce 3+ doped neodymium phosphate nanostructures: controllable synthesis, influencing factors, and photoluminescence properties. <i>Micro and Nano Letters</i> , 2016, 11, 57-61.	1.3	2
158	Mechano-regulatory cellular behaviors of NIH/3T3 in response to the storage modulus of liquid crystalline substrates. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 57, 42-54.	3.1	8
159	Curve-Like Structure Extraction Using Minimal Path Propagation With Backtracking. <i>IEEE Transactions on Image Processing</i> , 2016, 25, 988-1003.	9.8	156
160	An invisible soil acidification: Critical role of soil carbonate and its impact on heavy metal bioavailability. <i>Scientific Reports</i> , 2015, 5, 12735.	3.3	66
161	Copolymerization of Ethylene and Vinyl Amino Acidic Ester Catalyzed by Titanium and Zirconium Complexes. <i>Catalysts</i> , 2015, 5, 1831-1845.	3.5	5
162	An Effective CUDA Parallelization of Projection in Iterative Tomography Reconstruction. <i>PLoS ONE</i> , 2015, 10, e0142184.	2.5	10

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163	Optimized Parallelization for Nonlocal Means Based Low Dose CT Image Processing. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-11.	1.3	0
164	Segmentation of liver tumor via nonlocal active contours. , 2015, , .		3
165	Bioleaching of Lizardite by Magnesium- and Nickel-Resistant Fungal Isolate from Serpentine Soilsâ€™ Implication for Carbon Capture and Storage. Geomicrobiology Journal, 2015, 32, 181-192.	2.0	12
166	Comparative Analysis of Median and Average Filters in Impulse Noise Suppression. Fluctuation and Noise Letters, 2015, 14, 1550002.	1.5	3
167	A rapid parallelization of cone-beam projection and back-projection operator based on texture fetching interpolation. Proceedings of SPIE, 2015, , .	0.8	0
168	GFlow: Towards GPU-based high-performance table matching in OpenFlow switches. , 2015, , .		5
169	Low-dose lung CT processing using weighted intensity averaging over large-scale neighborhoods. Australasian Physical and Engineering Sciences in Medicine, 2015, 38, 345-356.	1.3	1
170	Quantitative Analysis of Deformable Model-Based 3-D Reconstruction of Coronary Artery From Multiple Angiograms. IEEE Transactions on Biomedical Engineering, 2015, 62, 2079-2090.	4.2	35
171	Improving low-dose cardiac CT images using 3D sparse representation based processing. , 2015, , .		1
172	Gamma regularization based reconstruction for low dose CT. Physics in Medicine and Biology, 2015, 60, 6901-6921.	3.0	12
173	2-D Impulse Noise Suppression by Recursive Gaussian Maximum Likelihood Estimation. PLoS ONE, 2014, 9, e96386.	2.5	9
174	Content-Based Image Retrieval Using Spatial Layout Information in Brain Tumor T1-Weighted Contrast-Enhanced MR Images. PLoS ONE, 2014, 9, e102754.	2.5	30
175	Centerline constrained minimal path propagation for vessel extraction. , 2014, , .		5
176	External force back-projective composition and globally deformable optimization for 3-D coronary artery reconstruction. Physics in Medicine and Biology, 2014, 59, 975-1003.	3.0	30
177	Artifact Suppressed Dictionary Learning for Low-Dose CT Image Processing. IEEE Transactions on Medical Imaging, 2014, 33, 2271-2292.	8.9	265
178	Optimal Viewing Angle Determination for Multiple Vessel Segments in Coronary Angiographic Image. IEEE Transactions on Nuclear Science, 2014, 61, 1290-1303.	2.0	7
179	Radiation dose reduction with dictionary learning based processing for head CT. Australasian Physical and Engineering Sciences in Medicine, 2014, 37, 483-493.	1.3	5
180	Dictionary learning based sinogram inpainting for CT sparse reconstruction. Optik, 2014, 125, 2862-2867.	2.9	48

#	ARTICLE	IF	CITATIONS
181	Quantitative Analysis of Deformable Model based 3-D Reconstruction of Coronary Artery from Multiple Angiograms. IEEE Transactions on Biomedical Engineering, 2014, , 1-1.	4.2	1
182	Bayesian sinogram smoothing with an anisotropic diffusion weighted prior for low-dose X-ray computed tomography. Optik, 2013, 124, 2811-2816.	2.9	17
183	Improving abdomen tumor low-dose CT images using a fast dictionary learning based processing. Physics in Medicine and Biology, 2013, 58, 5803-5820.	3.0	162
184	CT image denoising based on sparse representation using global dictionary. , 2013, , .		3
185	Coronary vessel extraction method using an improved minimum path based region growing. , 2013, , .		3
186	Carbonate leaching processes in the Red Clay Formation, Chinese Loess Plateau: Fingerprinting East Asian summer monsoon variability during the late Miocene and Pliocene. Geophysical Research Letters, 2013, 40, 194-198.	4.0	24
187	Improving abdomen tumor low-dose CT images using dictionary learning based patch processing and unsharp filtering. , 2013, 2013, 4014-7.		0
188	Confidence Weighted Dictionary Learning algorithm for low-dose CT image processing. , 2013, , .		1
189	Molecular Environments of Supernova Remnants. Proceedings of the International Astronomical Union, 2013, 9, 170-177.	0.0	9
190	On the hadronic $\hat{\gamma}$ -ray emission from Tycho's Supernova Remnant. Proceedings of the International Astronomical Union, 2013, 9, 358-359.	0.0	0
191	An XMM-Newton study of the mixed-morphology supernova remnant W28. Proceedings of the International Astronomical Union, 2013, 9, 360-361.	0.0	0
192	Thoracic low-dose CT image processing using an artifact suppressed large-scale nonlocal means. Physics in Medicine and Biology, 2012, 57, 2667-2688.	3.0	121
193	Strategy of computed tomography sinogram inpainting based on sinusoid-like curve decomposition and eigenvector-guided interpolation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 153.	1.5	20
194	CT Metal Artifact Reduction Method Based on Improved Image Segmentation and Sinogram In-Painting. Mathematical Problems in Engineering, 2012, 2012, 1-18.	1.1	15
195	Directly denoising-free for phase unwrapping algorithm of gray-scale electronic speckle interferometry fringe pattern. , 2012, , .		0
196	A descriptor of amino acids SVWG and its applications in peptide QSAR. Journal of Chemometrics, 2012, 26, 549-555.	1.3	10
197	Distribution and origin of protodolomite from the late Mioceneâ€Pliocene Red Clay Formation, Chinese Loess Plateau. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	10
198	$\hat{\gamma}$ -rays from molecular clouds illuminated by accumulated diffusive protons - II. Interacting supernova remnants. Monthly Notices of the Royal Astronomical Society, 2012, 421, 935-942.	4.4	54

#	ARTICLE	IF	CITATIONS
199	3-D flower-like NiCo alloy nano/microstructures grown by a surfactant-assisted solvothermal process. CrystEngComm, 2011, 13, 1328-1332.	2.6	84
200	Improving low-dose abdominal CT images by Weighted Intensity Averaging over Large-scale Neighborhoods. European Journal of Radiology, 2011, 80, e42-e49.	2.6	121
201	Improved sample characterization in terahertz reflection imaging and spectroscopy: erratum. Optics Express, 2011, 19, 24782.	3.4	1
202	Fast CT metal artefacts correction based on derivative and region-based filling. Journal of Medical Imaging and Radiation Oncology, 2011, 55, 535-541.	1.8	1
203	Joint-MAP Tomographic Reconstruction with Patch Similarity Based Mixture Prior Model. Multiscale Modeling and Simulation, 2011, 9, 1399-1419.	1.6	15
204	Cosmic rays in the surroundings of SNR G35.6 \hat{a} 0.4. Monthly Notices of the Royal Astronomical Society, 2011, 417, 3072-3079.	4.4	15
205	Unveiling the spatial structure of the overionized plasma in the supernova remnant W49B. Monthly Notices of the Royal Astronomical Society, 2011, 415, 244-250.	4.4	43
206	Total variation deconvolution for terahertz pulsed imaging. Inverse Problems in Science and Engineering, 2011, 19, 223-232.	1.2	2
207	Bayesian Image Restoration Using a Large-Scale Total Patch Variation Prior. Mathematical Problems in Engineering, 2011, 2011, 1-15.	1.1	2
208	Effective Image Restorations Using a Novel Spatial Adaptive Prior. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	3
209	$\hat{\text{I}}^3$ -rays from molecular clouds illuminated by accumulated diffusive protons from supernova remnant W28. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L35-L38.	3.3	81
210	IMPROVING EXTRACTION OF IMPULSE RESPONSE FUNCTIONS USING STATIONARY WAVELET SHRINKAGE IN TERAHERTZ REFLECTION IMAGING. Fluctuation and Noise Letters, 2010, 09, 387-394.	1.5	7
211	Frequency-wavelet domain deconvolution for terahertz reflection imaging and spectroscopy. Optics Express, 2010, 18, 1177.	3.4	106
212	Bayesian statistical reconstruction for low-dose X-ray computed tomography using an adaptive-weighting nonlocal prior. Computerized Medical Imaging and Graphics, 2009, 33, 495-500.	5.8	122
213	PET transmission tomography using a novel nonlocal MRF prior. Computerized Medical Imaging and Graphics, 2009, 33, 623-633.	5.8	5
214	Improved sample characterization in terahertz reflection imaging and spectroscopy. Optics Express, 2009, 17, 3848.	3.4	93
215	Stationary-wavelet regularized inverse filtering: A robust deconvolution approach for terahertz reflection imaging. , 2009, , .		0
216	Nonlocal Prior Bayesian Tomographic Reconstruction. Journal of Mathematical Imaging and Vision, 2008, 30, 133-146.	1.3	126

#	ARTICLE	IF	CITATIONS
217	A Novel Method of Correcting the Sinogram Data for Positron Emission Tomography. , 2007, , .		0
218	Bayesian Reconstruction Using A Novel Nonlocal MRF Prior for PET Transmission Tomography. , 2007, , .		0
219	A Novel Nonlocal QuadraticMRF Prior Model for Positron Emission Tomography. , 2007, , .		0
220	Characteristics of occurrence for Han Chinese familial keloids. Burns, 2006, 32, 1052-1059.	1.9	27
221	Projection network with Spatio-temporal information: 2D+time DSA to 2D aorta segmentation. Multimedia Tools and Applications, 0, , .	3.9	1