Yang Chen

List of Publications by Year
in descending order

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221	6,563	76326	79698
papers	citations	40 h-index	73 g-index

227	227	227	5939
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-Dose CT With a Residual Encoder-Decoder Convolutional Neural Network. IEEE Transactions on Medical Imaging, 2017, 36, 2524-2535.	8.9	1,089
2	Artifact Suppressed Dictionary Learning for Low-Dose CT Image Processing. IEEE Transactions on Medical Imaging, 2014, 33, 2271-2292.	8.9	265
3	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
4	Curve-Like Structure Extraction Using Minimal Path Propagation With Backtracking. IEEE Transactions on Image Processing, 2016, 25, 988-1003.	9.8	156
5	Profiling the Urinary Microbiota in Male Patients With Bladder Cancer in China. Frontiers in Cellular and Infection Microbiology, 2018, 8, 167.	3.9	148
6	Domain Progressive 3D Residual Convolution Network to Improve Low-Dose CT Imaging. IEEE Transactions on Medical Imaging, 2019, 38, 2903-2913.	8.9	147
7	Nonlocal Prior Bayesian Tomographic Reconstruction. Journal of Mathematical Imaging and Vision, 2008, 30, 133-146.	1.3	126
8	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
9	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
10	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
11	Artifact Removal using Improved GoogLeNet for Sparse-view CT Reconstruction. Scientific Reports, 2018, 8, 6700.	3.3	112
12	Frequency-wavelet domain deconvolution for terahertz reflection imaging and spectroscopy. Optics Express, 2010, 18, 1177.	3.4	106
13	Denoising of 3D magnetic resonance images using a residual encoderâ€“decoder Wasserstein generative adversarial network. Medical Image Analysis, 2019, 55, 165-180.	11.6	99
14	K isotopes as a tracer for continental weathering and geological K cycling. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8740-8745.	7.1	99
15	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
16	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
17	Improved sample characterization in terahertz reflection imaging and spectroscopy. Optics Express, 2009, 17, 3848.	3.4	93
18	Improving Low-Dose CT Image Using Residual Convolutional Network. IEEE Access, 2017, 5, 24698-24705.	4.2	90

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19	3-D flower-like NiCo alloy nano/microstructures grown by a surfactant-assisted solvothermal process. CrystEngComm, 2011, 13, 1328-1332.	2.6	84
20	Î³-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
21	Urinary Microbiome and Psychological Factors in Women with Overactive Bladder. Frontiers in Cellular and Infection Microbiology, 2017, 7, 488.	3.9	79
22	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
23	Research status of magnesium alloys by micro-arc oxidation: a review. Surface Engineering, 2017, 33, 731-738.	2.2	70
24	Coarse-to-fine classification for diabetic retinopathy grading using convolutional neural network. Artificial Intelligence in Medicine, 2020, 108, 101936.	6.5	69
25	An invisible soil acidification: Critical role of soil carbonate and its impact on heavy metal bioavailability. Scientific Reports, 2015, 5, 12735.	3.3	66
26	A Bulk-Heterostructure Nanocomposite Electrolyte of Ce0.8Sm0.2O2-Î´â€“SrTiO3 for Low-Temperature Solid Oxide Fuel Cells. Nano-Micro Letters, 2021, 13, 46.	27.0	66
27	Color image classification via quaternion principal component analysis network. Neurocomputing, 2016, 216, 416-428.	5.9	62
28	ResNet-SCDA-50 for Breast Abnormality Classification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 94-102.	3.0	55
29	Î³-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
30	Synthesis and In Vitro and In Vivo Biological Activity Evaluation and Quantitative Proteome Profiling of Oxadiazoles Bearing Flexible Heterocyclic Patterns. Journal of Agricultural and Food Chemistry, 2019, 67, 7626-7639.	5.2	54
31	Marginal loss and exclusion loss for partially supervised multi-organ segmentation. Medical Image Analysis, 2021, 70, 101979.	11.6	54
32	A Novel Chaos-Based Symmetric Image Encryption Using Bit-Pair Level Process. IEEE Access, 2019, 7, 99470-99480.	4.2	53
33	MAGIC: Manifold and Graph Integrative Convolutional Network for Low-Dose CT Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3459-3472.	8.9	53
34	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
35	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
36	ELNet:Automatic classification and segmentation for esophageal lesions using convolutional neural network. Medical Image Analysis, 2021, 67, 101838.	11.6	50

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37	Dictionary learning based sinogram inpainting for CT sparse reconstruction. Optik, 2014, 125, 2862-2867.	2.9	48
38	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
39	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
40	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
41	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
42	Automatic classification of esophageal lesions in endoscopic images using a convolutional neural network. Annals of Translational Medicine, 2020, 8, 486-486.	1.7	42
43	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
44	Automated evaluation of tumor spheroid behavior in 3D culture using deep learning-based recognition. Biomaterials, 2021, 272, 120770.	11.4	40
45	Sacral Neuromodulation for Refractory Bladder Pain Syndrome/Interstitial Cystitis: a Global Systematic Review and Meta-analysis. Scientific Reports, 2017, 7, 11031.	3.3	39
46	Automatic coronary calcium scoring using noncontrast and contrast CT images. Medical Physics, 2016, 43, 2174-2186.	3.0	36
47	Discriminative feature representation: an effective postprocessing solution to low dose CT imaging. Physics in Medicine and Biology, 2017, 62, 2103-2131.	3.0	36
48	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
49	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
50	PV-LVNet: Direct left ventricle multitype indices estimation from 2D echocardiograms of paired apical views with deep neural networks. Medical Image Analysis, 2019, 58, 101554.	11.6	33
51	Deep iterative reconstruction estimation (DIRE): approximate iterative reconstruction estimation for low dose CT imaging. Physics in Medicine and Biology, 2019, 64, 135007.	3.0	33
52	Ketamine-induced bladder fibrosis involves epithelial-to-mesenchymal transition mediated by transforming growth factor-Î²1. American Journal of Physiology - Renal Physiology, 2017, 313, F961-F972.	2.7	32
53	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
54	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

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55	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
56	Weakly-supervised convolutional neural networks of renal tumor segmentation in abdominal CTA images. BMC Medical Imaging, 2020, 20, 37.	2.7	30
57	DIOR: Deep Iterative Optimization-Based Residual-Learning for Limited-Angle CT Reconstruction. IEEE Transactions on Medical Imaging, 2022, 41, 1778-1790.	8.9	30
58	Characteristics of occurrence for Han Chinese familial keloids. Burns, 2006, 32, 1052-1059.	1.9	27
59	Fabrication of agarose hydrogel with patterned silver nanowires for motion sensor. Bio-Design and Manufacturing, 2019, 2, 269-277.	7.7	27
60	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
61	Concise synthesis of polyselenides: efficient catalysts for the oxidative cracking reaction of alkenes allowing the utilization of O₂ as a partial oxidant under mild conditions. Sustainable Energy and Fuels, 2020, 4, 730-736.	4.9	26
62	Intravesical Botulinum Toxin A Injections for Bladder Pain Syndrome/Interstitial Cystitis: A Systematic Review and Meta-Analysis of Controlled Studies. Medical Science Monitor, 2016, 22, 3257-3267.	1.1	25
63	Blood vessel enhancement via multi-dictionary and sparse coding: Application to retinal vessel enhancing. Neurocomputing, 2016, 200, 110-117.	5.9	25
64	Intervention effect of Qi-Yu-San-Long Decoction on Lewis lung carcinoma in C57BL/6 mice: Insights from UPLCâ€“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
65	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
66	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
67	Component analysis and target cell-based neuroactivity screening of Panax ginseng by ultra-performance liquid chromatography coupled with quadrupole-time-of-flight mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1038, 1-11.	2.3	24
68	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
69	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
70	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
71	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
72	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

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73	Understanding Cross-Site Linking in Online Social Networks. ACM Transactions on the Web, 2018, 12, 1-29.	2.5	21
74	Deep learning-based digital subtraction angiography image generation. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1775-1784.	2.8	21
75	Comparison of PM2.5 Exposure in Hazy and Non-Hazy Days in Nanjing, China. Aerosol and Air Quality Research, 2017, 17, 2235-2246.	2.1	21
76	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
77	Sparse-view X-ray CT reconstruction with Gamma regularization. Neurocomputing, 2017, 230, 251-269.	5.9	20
78	DPA-DenseBiasNet: Semi-supervised 3D Fine Renal Artery Segmentation with Dense Biased Network and Deep Priori Anatomy. Lecture Notes in Computer Science, 2019, , 139-147.	1.3	20
79	Improving blood-compatibility via surface heparin-immobilization based on a liquid crystalline matrix. Materials Science and Engineering C, 2016, 58, 133-141.	7.3	19
80	Ketamine Analog Methoxetamine Induced Inflammation and Dysfunction of Bladder in Rats. International Journal of Molecular Sciences, 2017, 18, 117.	4.1	19
81	PCANet: An energy perspective. Neurocomputing, 2018, 313, 271-287.	5.9	19
82	Iterative spatial fuzzy clustering for 3D brain magnetic resonance image supervoxel segmentation. Journal of Neuroscience Methods, 2019, 311, 17-27.	2.5	19
83	Ag-containing antibacterial self-healing micro-arc oxidation coatings on Mgâ€“Znâ€“Sr alloys. Surface Engineering, 2021, 37, 926-941.	2.2	19
84	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
85	Plasmonic Gold Nanoparticles Stain Hydrogels for the Portable and High-Throughput Monitoring of Mercury Ions. Environmental Science & Technology, 2022, 56, 1041-1052.	10.0	19
86	MNet: Rethinking 2D/3D Networks for Anisotropic Medical Image Segmentation. , 2022, , .		18
87	Bayesian sinogram smoothing with an anisotropic diffusion weighted prior for low-dose X-ray computed tomography. Optik, 2013, 124, 2811-2816.	2.9	17
88	Discriminative Prior - Prior Image Constrained Compressed Sensing Reconstruction for Low-Dose CT Imaging. Scientific Reports, 2017, 7, 13868.	3.3	17
89	Vessel segmentation using centerline constrained level set method. Multimedia Tools and Applications, 2019, 78, 17051-17075.	3.9	17
90	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

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91	A deep learningâ€based model for prediction of hemorrhagic transformation after stroke. Brain Pathology, 2023, 33, e13023.	4.1	16
92	Nitrogen-doped biochar as peroxymonosulfate activator to degrade 2,4-dichlorophenol: Preparation, properties and structureâ€“activity relationship. Journal of Hazardous Materials, 2022, 424, 127743.	12.4	16
93	Joint-MAP Tomographic Reconstruction with Patch Similarity Based Mixture Prior Model. Multiscale Modeling and Simulation, 2011, 9, 1399-1419.	1.6	15
94	Cosmic rays in the surroundings of SNR G35.6â^'0.4. Monthly Notices of the Royal Astronomical Society, 2011, 417, 3072-3079.	4.4	15
95	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
96	Homotopic Gradients of Generative Density Priors for MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2021, 40, 3265-3278.	8.9	15
97	Design and synthesis of small molecular 2-aminobenzoxazoles as potential antifungal agents against phytopathogenic fungi. Molecular Diversity, 2022, 26, 981-992.	3.9	15
98	DIRECTâ€Net: A unified mutualâ€domain material decomposition network for quantitative dualâ€energy CT imaging. Medical Physics, 2022, 49, 917-934.	3.0	15
99	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
100	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
101	High-dimensional embedding network derived prior for compressive sensing MRI reconstruction. Medical Image Analysis, 2020, 64, 101717.	11.6	14
102	Bioleaching of Lizardite by Magnesium- and Nickel-Resistant Fungal Isolate from Serpentinite Soilsâ€"Implication for Carbon Capture and Storage. Geomicrobiology Journal, 2015, 32, 181-192.	2.0	12
103	Gamma regularization based reconstruction for low dose CT. Physics in Medicine and Biology, 2015, 60, 6901-6921.	3.0	12
104	Automatic brain tissue segmentation based on graph filter. BMC Medical Imaging, 2018, 18, 9.	2.7	12
105	Convolutional squeeze-and-excitation network for ECG arrhythmia detection. Artificial Intelligence in Medicine, 2021, 121, 102181.	6.5	12
106	Automated delineation of corneal layers on OCT images using a boundary-guided CNN. Pattern Recognition, 2021, 120, 108158.	8.1	12
107	Compressed sensing MR image reconstruction via a deep frequency-division network. Neurocomputing, 2020, 384, 346-355.	5.9	11
108	A deep learning approach for dual-energy CT imaging using a single-energy CT data. , 2019, , .		11

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109	A descriptor of amino acids SVWG and its applications in peptide QSAR. Journal of Chemometrics, 2012, 26, 549-555.	1.3	10
110	Distribution and origin of protodolomite from the late Mioceneâ€Pliocene Red Clay Formation, Chinese Loess Plateau. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	10
111	An Effective CUDA Parallelization of Projection in Iterative Tomography Reconstruction. PLoS ONE, 2015, 10, e0142184.	2.5	10
112	Graph-Regularized Discriminative Analysis-Synthesis Dictionary Pair Learning for Image Classification. IEEE Access, 2019, 7, 55398-55406.	4.2	10
113	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
114	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
115	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
116	Molecular Environments of Supernova Remnants. Proceedings of the International Astronomical Union, 2013, 9, 170-177.	0.0	9
117	2-D Impulse Noise Suppression by Recursive Gaussian Maximum Likelihood Estimation. PLoS ONE, 2014, 9, e96386.	2.5	9
118	Improving Low-dose Cardiac CT Images based on 3D Sparse Representation. Scientific Reports, 2016, 6, 22804.	3.3	9
119	A seven-million-year hornblende mineral record from the central Chinese Loess Plateau. Scientific Reports, 2017, 7, 2382.	3.3	9
120	MomentsNet: A simple learning-free method for binary image recognition. , 2017, , .		9
121	Unsupervised domain adaptation based on cluster matching and Fisher criterion for image classification. Computers and Electrical Engineering, 2021, 91, 107041.	4.8	9
122	X-CTRSNet: 3D cervical vertebra CT reconstruction and segmentation directly from 2D X-ray images. Knowledge-Based Systems, 2022, 236, 107680.	7.1	9
123	Predicting HER2 Status in Breast Cancer on Ultrasound Images Using Deep Learning Method. Frontiers in Oncology, 2022, 12, 829041.	2.8	9
124	Robust restoration of low-dose cerebral perfusion CT images using NCS-Unet. Nuclear Science and Techniques/Hewuli, 2022, 33, 1.	3.4	9
125	Mechano-regulatory cellular behaviors of NIH/3T3 in response to the storage modulus of liquid crystalline substrates. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 57, 42-54.	3.1	8
126	Local strain field engineering on interfacial thermal resistance of graphene nanoribbon. Applied Physics Letters, 2018, 112, .	3.3	8

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127	In situ 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
128	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
129	Optimal Viewing Angle Determination for Multiple Vessel Segments in Coronary Angiographic Image. IEEE Transactions on Nuclear Science, 2014, 61, 1290-1303.	2.0	7
130	Plagioclase sub-species in Chinese loess deposits: Implications for dust source migration and past climate change. Quaternary Research, 2016, 85, 17-24.	1.7	7
131	Nano-Fe3O4 deposited CaCu3Ti4O12/poly(vinylidene fluoride) composites with enhanced dielectric properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 2502-2510.	2.2	7
132	Fermi LAT detection of the supernova remnant SNâ€‰1006 revisited: The southwest limb. Publication of the Astronomical Society of Japan, 2019, 71, .	2.5	7
133	Study on shear behavior of kaolinite contaminated by heavy metal Cu (II). Environmental Science and Pollution Research, 2019, 26, 13906-13913.	5.3	7
134	Dissected aorta segmentation using convolutional neural networks. Computer Methods and Programs in Biomedicine, 2021, 211, 106417.	4.7	7
135	Remaining useful life prediction of lithium-ion battery using a hybrid model-based filtering and data-driven approach. , 2017, , .		6
136	MRCON-Net: Multiscale reweighted convolutional coding neural network for low-dose CT imaging. Computer Methods and Programs in Biomedicine, 2022, 221, 106851.	4.7	6
137	PET transmission tomography using a novel nonlocal MRF prior. Computerized Medical Imaging and Graphics, 2009, 33, 623-633.	5.8	5
138	Centerline constrained minimal path propagation for vessel extraction. , 2014, , .		5
139	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
140	Copolymerization of Ethylene and Vinyl Amino Acidic Ester Catalyzed by Titanium and Zirconium Complexes. Catalysts, 2015, 5, 1831-1845.	3.5	5
141	GFlow: Towards GPU-based high-performance table matching in OpenFlow switches. , 2015, , .		5
142	Low-dose CBCT reconstruction via 3D dictionary learning. , 2016, , .		5
143	A platformâ€‐independent method to reduce CT truncation artifacts using discriminative dictionary representations. Medical Physics, 2017, 44, 121-131.	3.0	5
144	Glacialâ€“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. Quaternary Research, 2018, 89, 511-519.	1.7	5

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145	Artifact Suppressed Nonlinear Diffusion Filtering for Low-Dose CT Image Processing. IEEE Access, 2019, 7, 109856-109869.	4.2	5
146	An approach towards the construction of the tetracyclic skeleton of palhinine alkaloids. Organic Chemistry Frontiers, 2020, 7, 2243-2246.	4.5	5
147	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
148	Low-dose CT imaging via cascaded ResUnet with spectrum loss. Methods, 2022, 202, 78-87.	3.8	5
149	A wavelet transform-based photon starvation artifacts suppression algorithm in CT imaging. Physics in Medicine and Biology, 2020, 65, 235039.	3.0	5
150	Stereo-Correlation and Noise-Distribution Aware ResVoxGAN for Dense Slices Reconstruction and Noise Reduction in Thick Low-Dose CT. Lecture Notes in Computer Science, 2019, , 328-338.	1.3	5
151	A High Accuracy DNS Tunnel Detection Method Without Feature Engineering. , 2020, , .		5
152	Dual-functional significance of ATM-mediated phosphorylation of spindle assembly checkpoint component Bub3 in mitosis and the DNA damage response. Journal of Biological Chemistry, 2022, 298, 101632.	3.4	5
153	A Synthetic View on Momilactones and Related 9Î²-H Pimarane Skeleton Diterpenoids. Frontiers in Chemistry, 2022, 10, 882404.	3.6	5
154	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
155	Measurement and Analysis of the Reviews in Airbnb. , 2018, , .		4
156	Image Feature Based Machine Learning Approach for Road Terrain Classification. , 2018, , .		4
157	An Improved Real-Time Endovascular Guidewire Position Simulation Using Activity on Edge Network. IEEE Access, 2019, 7, 126618-126624.	4.2	4
158	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
159	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
160	Dual-domain reconstruction network for sparse-view CT. , 2021, , .		4
161	An automated ASPECTS method with atlas-based segmentation. Computer Methods and Programs in Biomedicine, 2021, 210, 106376.	4.7	4
162	Online Hard Patch Mining Using Shape Models and Bandit Algorithm for Multi-Organ Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2648-2659.	6.3	4

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163	BKC-Net: Bi-Knowledge Contrastive Learning for renal tumor diagnosis on 3D CT images. Knowledge-Based Systems, 2022, 252, 109369.	7.1	4
164	Effective Image Restorations Using a Novel Spatial Adaptive Prior. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	3
165	CT image denoising based on sparse representation using global dictionary. , 2013, , .		3
166	Coronary vessel extraction method using an improved minimum path based region growing. , 2013, , .		3
167	Segmentation of liver tumor via nonlocal active contours. , 2015, , .		3
168	Comparative Analysis of Median and Average Filters in Impulse Noise Suppression. Fluctuation and Noise Letters, 2015, 14, 1550002.	1.5	3
169	4D-CBCT Reconstruction via Motion Compensataion Learning Induced Sparse Tensor Constraint. , 2019, , .		3
170	Vessel Structure Extraction using Constrained Minimal Path Propagation. Artificial Intelligence in Medicine, 2020, 105, 101846.	6.5	3
171	EnMcGAN: Adversarial Ensemble Learning for 3D Complete Renal Structures Segmentation. Lecture Notes in Computer Science, 2021, , 465-477.	1.3	3
172	Modular DCâ€DC autoâ€transformer: Topology, operation, and system design. IET Power Electronics, 2021, 14, 2289-2302.	2.1	3
173	MVSGAN: Spatial-Aware Multi-View CMR Fusion for Accurate 3D Left Ventricular Myocardium Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2264-2275.	6.3	3
174	Iterative Reconstruction for Low-Dose CT Using Deep Gradient Priors of Generative Model. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 741-754.	3.7	3
175	Total variation deconvolution for terahertz pulsed imaging. Inverse Problems in Science and Engineering, 2011, 19, 223-232.	1.2	2
176	Bayesian Image Restoration Using a Large-Scale Total Patch Variation Prior. Mathematical Problems in Engineering, 2011, 2011, 1-15.	1.1	2
177	Reduction of truncation artifacts in CT images via a discriminative dictionary representation method. Proceedings of SPIE, 2016, , .	0.8	2
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