

Jimin Liang

List of Publications by Year in descending order

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224
papers

4,481
citations

109321

35
h-index

138484

58
g-index

226
all docs

226
docs citations

226
times ranked

4730
citing authors

#	ARTICLE	IF	CITATIONS
1	Frame difference energy image for gait recognition with incomplete silhouettes. Pattern Recognition Letters, 2009, 30, 977-984.	4.2	202
2	Medical Image Segmentation based on U-Net: A Review. Journal of Imaging Science and Technology, 2020, 64, 020508-1-020508-12.	0.5	197
3	Dysfunctional connectivity patterns in chronic heroin users: An fMRI study. Neuroscience Letters, 2009, 460, 72-77.	2.1	174
4	GPU-based Monte Carlo simulation for light propagation in complex heterogeneous tissues. Optics Express, 2010, 18, 6811.	3.4	158
5	Local Energy Pattern for Texture Classification Using Self-Adaptive Quantization Thresholds. IEEE Transactions on Image Processing, 2013, 22, 31-42.	9.8	138
6	Cell-free circulating tumor DNA in cancer. Chinese Journal of Cancer, 2016, 35, 36.	4.9	119
7	Experimental Cerenkov luminescence tomography of the mouse model with SPECT imaging validation. Optics Express, 2010, 18, 24441.	3.4	118
8	Determining scientific impact using a collaboration index. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9680-9685.	7.1	102
9	Sparse reconstruction for quantitative bioluminescence tomography based on the incomplete variables truncated conjugate gradient method. Optics Express, 2010, 18, 24825.	3.4	95
10	Ultrasensitive <i>in Vivo</i> Detection of Primary Gastric Tumor and Lymphatic Metastasis Using Upconversion Nanoparticles. ACS Nano, 2015, 9, 2120-2129.	14.6	90
11	Cone beam x-ray luminescence computed tomography: A feasibility study. Medical Physics, 2013, 40, 031111.	3.0	87
12	A novel ant colony optimization algorithm for large-distorted fingerprint matching. Pattern Recognition, 2012, 45, 151-161.	8.1	85
13	Fluorescent Gold Nanoclusters: Synthesis and Recent Biological Application. Journal of Nanomaterials, 2015, 2015, 1-23.	2.7	77
14	Synoptic distribution of dayside aurora: Multiple-wavelength all-sky observation at Yellow River Station in Ny-Ålesund, Svalbard. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 794-804.	1.6	76
15	A key binding system based on n-nearest minutiae structure of fingerprint. Pattern Recognition Letters, 2011, 32, 666-675.	4.2	74
16	Partial correlation investigation on the default mode network involved in acupuncture: An fMRI study. Neuroscience Letters, 2009, 462, 183-187.	2.1	62
17	Volumetric chemical imaging by stimulated Raman projection microscopy and tomography. Nature Communications, 2017, 8, 15117.	12.8	61
18	In vivo quantitative bioluminescence tomography using heterogeneous and homogeneous mouse models. Optics Express, 2010, 18, 13102.	3.4	60

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19	Feasibility study of novel endoscopic Cerenkov luminescence imaging system in detecting and quantifying gastrointestinal disease: first human results. <i>European Radiology</i> , 2015, 25, 1814-1822.	4.5	58
20	Factorial HMM and Parallel HMM for Gait Recognition. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2009, 39, 114-123.	2.9	57
21	Hypoxia-activated prodrugs and redox-responsive nanocarriers. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6551-6574.	6.7	56
22	Spatial texture based automatic classification of dayside aurora in all-sky images. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 498-508.	1.6	55
23	Continuous rotation invariant local descriptors for texton dictionary-based texture classification. <i>Computer Vision and Image Understanding</i> , 2013, 117, 56-75.	4.7	55
24	3D reconstruction of light flux distribution on arbitrary surfaces from 2D multi-photographic images. <i>Optics Express</i> , 2010, 18, 19876.	3.4	54
25	Reconstruction algorithms based on l1-norm and l2-norm for two imaging models of fluorescence molecular tomography: a comparative study. <i>Journal of Biomedical Optics</i> , 2013, 18, 056013.	2.6	53
26	Molecular Optical Simulation Environment (MOSE): A Platform for the Simulation of Light Propagation in Turbid Media. <i>PLoS ONE</i> , 2013, 8, e61304.	2.5	53
27	Fingerprint classification by a hierarchical classifier. <i>Pattern Recognition</i> , 2013, 46, 3186-3197.	8.1	47
28	Radiolabeled, Antibody-Conjugated Manganese Oxide Nanoparticles for Tumor Vasculature Targeted Positron Emission Tomography and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38304-38312.	8.0	47
29	An fMRI study of acupuncture using independent component analysis. <i>Neuroscience Letters</i> , 2009, 449, 6-9.	2.1	44
30	A distributed neural system for top-down face processing. <i>Neuroscience Letters</i> , 2009, 451, 6-10.	2.1	44
31	Effective connectivities of cortical regions for top-down face processing: A Dynamic Causal Modeling study. <i>Brain Research</i> , 2010, 1340, 40-51.	2.2	44
32	Three-dimensional Noninvasive Monitoring Iodine-131 Uptake in the Thyroid Using a Modified Cerenkov Luminescence Tomography Approach. <i>PLoS ONE</i> , 2012, 7, e37623.	2.5	44
33	Adipose Stromal Cells Amplify Angiogenic Signaling via the VEGF/mTOR/Akt Pathway in a Murine Hindlimb Ischemia Model: A 3D Multimodality Imaging Study. <i>PLoS ONE</i> , 2012, 7, e45621.	2.5	44
34	A source reconstruction algorithm based on adaptive hp-FEM for bioluminescence tomography. <i>Optics Express</i> , 2009, 17, 14481.	3.4	39
35	In vivo near infrared fluorescence imaging and dynamic quantification of pancreatic metastatic tumors using folic acid conjugated biodegradable mesoporous silica nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1867-1877.	3.3	35
36	Noninvasive Visualization of MicroRNA-16 in the Chemoresistance of Gastric Cancer Using a Dual Reporter Gene Imaging System. <i>PLoS ONE</i> , 2013, 8, e61792.	2.5	32

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37	Intrinsically Zirconium-89 Labeled Gd ₂ O ₂ S:Eu Nanoprobes for In Vivo Positron Emission Tomography and Gamma-Ray-Induced Radioluminescence Imaging. <i>Small</i> , 2016, 12, 2872-2876.	10.0	32
38	Comparison of visual cortical activations induced by electro-acupuncture at vision and nonvision-related acupoints. <i>Neuroscience Letters</i> , 2009, 458, 6-10.	2.1	31
39	Quantitative cone beam X-ray luminescence tomography/X-ray computed tomography imaging. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	31
40	The hybrid GLM-ICA investigation on the neural mechanism of acupoint ST36: An fMRI study. <i>Neuroscience Letters</i> , 2010, 479, 267-271.	2.1	30
41	GATCluster: Self-supervised Gaussian-Attention Network for Image Clustering. <i>Lecture Notes in Computer Science</i> , 2020, , 735-751.	1.3	30
42	Source sparsity based primal-dual interior-point method for three-dimensional bioluminescence tomography. <i>Optics Communications</i> , 2011, 284, 5871-5876.	2.1	29
43	Auroral Sequence Representation and Classification Using Hidden Markov Models. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 5049-5060.	6.3	29
44	<i>In Vivo</i> Gastric Cancer Targeting and Imaging Using Novel Symmetric Cyanine Dye-Conjugated GX1 Peptide Probes. <i>Bioconjugate Chemistry</i> , 2013, 24, 1134-1143.	3.6	29
45	Intensity Enhanced Cerenkov Luminescence Imaging Using Terbium-Doped Gd ₂ O ₂ S Microparticles. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11775-11782.	8.0	29
46	Intrinsically Zirconium-89-Labeled Manganese Oxide Nanoparticles for <i>In Vivo</i> Dual-Modality Positron Emission Tomography and Magnetic Resonance Imaging. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 900-909.	1.1	29
47	Single photon emission computed tomography-guided Cerenkov luminescence tomography. <i>Journal of Applied Physics</i> , 2012, 112, 024703.	2.5	27
48	Scale invariant texture representation based on frequency decomposition and gradient orientation. <i>Pattern Recognition Letters</i> , 2015, 51, 57-62.	4.2	27
49	Truncated Total Least Squares Method with a Practical Truncation Parameter Choice Scheme for Bioluminescence Tomography Inverse Problem. <i>International Journal of Biomedical Imaging</i> , 2010, 2010, 1-11.	3.9	25
50	Gait recognition based on improved dynamic Bayesian networks. <i>Pattern Recognition</i> , 2011, 44, 988-995.	8.1	25
51	Comparison of Cerenkov Luminescence Imaging (CLI) and gamma camera imaging for visualization of let-7 expression in lung adenocarcinoma A549 Cells. <i>Nuclear Medicine and Biology</i> , 2012, 39, 948-953.	0.6	25
52	X-ray luminescence computed tomography imaging based on X-ray distribution model and adaptively split Bregman method. <i>Biomedical Optics Express</i> , 2015, 6, 2649.	2.9	25
53	Multilevel, hybrid regularization method for reconstruction of fluorescent molecular tomography. <i>Applied Optics</i> , 2012, 51, 975.	1.8	24
54	Aberrant Insula-Centered Functional Connectivity in Psychogenic Erectile Dysfunction Patients: A Resting-State fMRI Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 221.	2.0	24

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55	NPENAS: Neural Predictor Guided Evolution for Neural Architecture Search. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8441-8455.	11.3	24
56	A multi-phase level set framework for source reconstruction in bioluminescence tomography. Journal of Computational Physics, 2010, 229, 5246-5256.	3.8	23
57	Intrinsically organized network for word processing during the resting state. Neuroscience Letters, 2011, 487, 27-31.	2.1	23
58	$L^{1/2}$ regularization based numerical method for effective reconstruction of bioluminescence tomography. Journal of Applied Physics, 2014, 115, .	2.5	23
59	Minutiae and modified Biocode fusion for fingerprint-based key generation. Journal of Network and Computer Applications, 2010, 33, 221-235.	9.1	22
60	Cerenkov Luminescence Tomography of Aminopeptidase N (APN/CD13) Expression in Mice Bearing HT1080 Tumors. Molecular Imaging, 2013, 12, 7290.2012.00030.	1.4	22
61	Incorporating MRI structural information into bioluminescence tomography: system, heterogeneous reconstruction and in vivo quantification. Biomedical Optics Express, 2014, 5, 1861.	2.9	22
62	Semi-Supervised Cerebrovascular Segmentation by Hierarchical Convolutional Neural Network. IEEE Access, 2018, 6, 67841-67852.	4.2	22
63	Fingerprint segmentation based on an AdaBoost classifier. Frontiers of Computer Science, 2011, 5, 148-157.	0.6	21
64	Real-time bioluminescence and tomographic imaging of gastric cancer in a novel orthotopic mouse model. Oncology Reports, 2012, 27, 1937-43.	2.6	21
65	Automated Motion Correction for In Vivo Optical Projection Tomography. IEEE Transactions on Medical Imaging, 2012, 31, 1358-1371.	8.9	21
66	Performance evaluation of endoscopic Cerenkov luminescence imaging system: in vitro and pseudotumor studies. Biomedical Optics Express, 2014, 5, 3660.	2.9	21
67	In Vivo Dual-Modality Fluorescence and Magnetic Resonance Imaging-Guided Lymph Node Mapping with Good Biocompatibility Manganese Oxide Nanoparticles. Molecules, 2017, 22, 2208.	3.8	21
68	Fingerprint matching by incorporating minutiae discriminability. , 2011, , .		20
69	Molecular imaging of p53 signal pathway in lung cancer cell cycle arrest induced by cisplatin. Molecular Carcinogenesis, 2013, 52, 900-907.	2.7	20
70	A cyclic HSV1-TK reporter for real-time PET imaging of apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5165-5170.	7.1	20
71	Weakly Supervised Semantic Segmentation for Joint Key Local Structure Localization and Classification of Aurora Image. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7133-7146.	6.3	20
72	An automatic multi-class coronary atherosclerosis plaque detection and classification framework. Medical and Biological Engineering and Computing, 2019, 57, 245-257.	2.8	20

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73	Comparative studies of L ₁ p-regularization-based reconstruction algorithms for bioluminescence tomography. <i>Biomedical Optics Express</i> , 2012, 3, 2916.	2.9	18
74	Improving the detection of low-density weapons in x-ray luggage scans using image enhancement and novel scene-decluttering techniques. <i>Journal of Electronic Imaging</i> , 2004, 13, 523.	0.9	17
75	A study of photon propagation in free-space based on hybrid radiosity-radiance theorem. <i>Optics Express</i> , 2009, 17, 16266.	3.4	17
76	Solving inverse problems for optical scanning holography using an adaptively iterative shrinkage-thresholding algorithm. <i>Optics Express</i> , 2012, 20, 5942.	3.4	17
77	Spatiotemporal Modulation of Central Neural Pathway Underlying Acupuncture Action: A Systematic Review. <i>Current Medical Imaging</i> , 2009, 5, 167-173.	0.8	16
78	Comparisons of hybrid radiosity-diffusion model and diffusion equation for bioluminescence tomography in cavity cancer detection. <i>Journal of Biomedical Optics</i> , 2012, 17, 066015.	2.6	16
79	Light transport in turbid media with non-scattering, low-scattering and high absorption heterogeneities based on hybrid simplified spherical harmonics with radiosity model. <i>Biomedical Optics Express</i> , 2013, 4, 2209.	2.9	16
80	Performance investigation of SP3 and diffusion approximation for three-dimensional whole-body optical imaging of small animals. <i>Medical and Biological Engineering and Computing</i> , 2015, 53, 805-814.	2.8	16
81	The 4-emission-core structure of dayside aurora oval observed by all-sky imager at 557.7nm in Ny-Ålesund, Svalbard. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2010, 72, 638-642.	1.6	15
82	ApoG2 induces ER stress-dependent apoptosis in gastric cancer cells in vitro and its real-time evaluation by bioluminescence imaging in vivo. <i>Cancer Letters</i> , 2013, 336, 260-269.	7.2	15
83	Variation and modeling of ultraviolet auroral oval boundaries associated with interplanetary and geomagnetic parameters. <i>Space Weather</i> , 2017, 15, 606-622.	3.7	15
84	Fingerprint Singular Point Detection Based on Multiple-Scale Orientation Entropy. <i>IEEE Signal Processing Letters</i> , 2011, 18, 679-682.	3.6	14
85	A photo-triggered conjugation approach for attaching RGD ligands to biodegradable mesoporous silica nanoparticles for the tumor fluorescent imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 19, 136-144.	3.3	14
86	Minutia handedness: A novel global feature for minutiae-based fingerprint matching. <i>Pattern Recognition Letters</i> , 2012, 33, 1411-1421.	4.2	13
87	Extracting Auroral Key Local Structures From All-Sky Auroral Images by Artificial Intelligence Technique. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3512-3521.	2.4	13
88	Generalized free-space diffuse photon transport model based on the influence analysis of a camera lens diaphragm. <i>Applied Optics</i> , 2010, 49, 5654.	2.1	12
89	Hybrid radiosity-SP3 equation based bioluminescence tomography reconstruction for turbid medium with low- and non-scattering regions. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	12
90	Hybrid simplified spherical harmonics with diffusion equation for light propagation in tissues. <i>Physics in Medicine and Biology</i> , 2015, 60, 6305-6322.	3.0	12

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91	In vivo quantifying molecular specificity of Cy55-labeled cyclic 9-mer peptide probe with dynamic fluorescence imaging. Biomedical Optics Express, 2016, 7, 1149.	2.9	12
92	Health effects of kiwi wine on rats: an untargeted metabolic fingerprint study based on GC-MS/TOF. RSC Advances, 2019, 9, 13797-13807.	3.6	12
93	Multimodal Biomedical Optical Imaging Review: Towards Comprehensive Investigation of Biological Tissues. Current Molecular Imaging, 2015, 3, 72-87.	0.7	12
94	In Vivo Quantitative Reconstruction Studies of Bioluminescence Tomography: Effects of Peak-Wavelength Shift and Model Deviation. IEEE Transactions on Biomedical Engineering, 2010, 57, 2579-2582.	4.2	11
95	Automatic recognition of poleward moving auroras from all-sky image sequences based on HMM and SVM. Planetary and Space Science, 2012, 69, 40-48.	1.7	11
96	Random local region descriptor (RLRD): A new method for fixed-length feature representation of fingerprint image and its application to template protection. Future Generation Computer Systems, 2012, 28, 236-243.	7.5	11
97	Sensitivity improvement of Cerenkov luminescence endoscope with terbium doped Gd ₂ O ₂ S nanoparticles. Applied Physics Letters, 2015, 106, .	3.3	11
98	ApoG2 as the most potent gossypol derivatives inhibits cell growth and induces apoptosis on gastric cancer cells. Biomedicine and Pharmacotherapy, 2013, 67, 88-95.	5.6	10
99	Micro-CT Imaging of RGD-Conjugated Gold Nanorods Targeting Tumor<i>In Vivo</i>. Journal of Nanomaterials, 2016, 2016, 1-13.	2.7	10
100	Silica Cross-Linked Micellar Core-Shell Nanoparticles Encapsulating IR-780 with Strong Bright and Good Biocompatibility for Optical Imaging <i>In Vivo</i>. Journal of Biomedical Nanotechnology, 2017, 13, 144-154.	1.1	10
101	Performance Evaluation of Infrared and Visible Image Fusion Algorithms for Face Recognition. , 2007, , .		10
102	Inversion effect in the visual processing of Chinese character: An fMRI study. Neuroscience Letters, 2010, 478, 107-111.	2.1	9
103	In vivo quantitative evaluation of vascular parameters for angiogenesis based on sparse principal component analysis and aggregated boosted trees. Physics in Medicine and Biology, 2014, 59, 7777-7791.	3.0	9
104	Automatic segmentation method for bone and blood vessel in murine hindlimb. Medical Physics, 2015, 42, 4043-4054.	3.0	9
105	<>In Vivo</> Magnetic Resonance and Fluorescence Dual-Modality Imaging of Tumor Angiogenesis in Rats Using GEBP11 Peptide Targeted Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2016, 12, 1011-1022.	1.1	9
106	A novel natural product, britanin, inhibits tumor growth of pancreatic cancer by suppressing nuclear factor- κ B activation. Cancer Chemotherapy and Pharmacology, 2020, 85, 699-709.	2.3	9
107	Self-Supervised Representation Learning for Evolutionary Neural Architecture Search. IEEE Computational Intelligence Magazine, 2021, 16, 33-49.	3.2	9
108	Graphics processing unit parallel accelerated solution of the discrete ordinates for photon transport in biological tissues. Applied Optics, 2011, 50, 3808.	2.1	8

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109	Influence investigation of a void region on modeling light propagation in a heterogeneous medium. Applied Optics, 2013, 52, 400.	1.8	8
110	Feasibility study of endoscopic x-ray luminescence computed tomography: Simulation demonstration and phantom application. Journal of Applied Physics, 2013, 114, .	2.5	8
111	Adaptively Alternative Light-Transport-Model-Based Three-Dimensional Optical Imaging for Longitudinal and Quantitative Monitoring of Gastric Cancer in Live Animal. IEEE Transactions on Biomedical Engineering, 2016, 63, 2095-2107.	4.2	8
112	Quantitative analysis of vascular parameters for micro-CT imaging of vascular networks with multi-resolution. Medical and Biological Engineering and Computing, 2016, 54, 511-524.	2.8	8
113	Harnessing the Power of Cerenkov Luminescence Imaging for Gastroenterology: Cerenkov Luminescence Endoscopy. Current Medical Imaging, 2017, 13, 50-57.	0.8	8
114	Multi-atlas registration and adaptive hexahedral voxel discretization for fast bioluminescence tomography. Biomedical Optics Express, 2016, 7, 1549.	2.9	7
115	Investigation of injection dose and camera integration time on quantifying pharmacokinetics of a Cy5.5-GX1 probe with dynamic fluorescence imaging in vivo. Journal of Biomedical Optics, 2016, 21, 086001.	2.6	7
116	3D Fusion Framework for Infarction and Angiogenesis Analysis in a Myocardial Infarct Minipig Model. Molecular Imaging, 2017, 16, 153601211770873.	1.4	7
117	Comparison of GPU reconstruction based on different symmetries for dual-head PET. Medical Physics, 2019, 46, 2696-2708.	3.0	7
118	The invasion depth measurement of bladder cancer using T2-weighted magnetic resonance imaging. BioMedical Engineering OnLine, 2020, 19, 92.	2.7	7
119	Recent Advances in Spontaneous Raman Spectroscopic Imaging: Instrumentation and Applications. Current Medicinal Chemistry, 2020, 27, 6188-6207.	2.4	7
120	Coupled third-order simplified spherical harmonics and diffusion equation-based fluorescence tomographic imaging of liver cancer. Journal of Biomedical Optics, 2015, 20, 090502.	2.6	6
121	Performance evaluation of a 90°-rotating dual-head small animal PET system. Physics in Medicine and Biology, 2015, 60, 5873-5890.	3.0	6
122	Performance evaluation of a rotatory dual-head PET system with 90° increments for small animal imaging. Journal of Instrumentation, 2017, 12, P09011-P09011.	1.2	6
123	Accelerated Stimulated Raman Projection Tomography by Sparse Reconstruction From Sparse-View Data. IEEE Transactions on Biomedical Engineering, 2020, 67, 1293-1302.	4.2	6
124	Automatic coronary artery lumen segmentation in computed tomography angiography using paired multi-scale 3D CNN. , 2018, , .		6
125	Low-Dimensional Manifold-Constrained Disentanglement Network for Metal Artifact Reduction. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 656-666.	3.7	6
126	Grayscale enhancement techniques of x-ray images of carry-on luggage. , 2003, 5132, 579.		5

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127	Appearance-Based Gait Recognition Using Independent Component Analysis. Lecture Notes in Computer Science, 2006, , 371-380.	1.3	5
128	Method for fingerprint orientation field reconstruction from minutia template. Electronics Letters, 2011, 47, 98.	1.0	5
129	A div-curl regularization model for fingerprint orientation extraction. , 2012, , .		5
130	Spatial Vascular Volume Fraction Imaging for Quantitative Assessment of Angiogenesis. Molecular Imaging and Biology, 2014, 16, 362-371.	2.6	5
131	Construction of thermal- and light-responsive liposomes noncovalently decorated with gold nanoparticles. RSC Advances, 2014, 4, 44568-44574.	3.6	5
132	Removing Noises Induced by Gamma Radiation in Cerenkov Luminescence Imaging Using a Temporal Median Filter. BioMed Research International, 2016, 2016, 1-9.	1.9	5
133	Instance Segmentation of Auroral Images for Automatic Computation of Arc Width. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1368-1372.	3.1	5
134	Accurate Segmentation of Heart Volume in CTA With Landmark-Based Registration and Fully Convolutional Network. IEEE Access, 2019, 7, 57881-57893.	4.2	5
135	Molecular Optical Simulation Environment. Advanced Topics in Science and Technology in China, 2013, , 15-46.	0.1	5
136	Clustering Validity Based on the Improved Hubert Gamma Statistic and the Separation of Clusters. , 0, , .		4
137	A new numerical method for BLT forward problem based on high-order finite elements. Communications in Numerical Methods in Engineering, 2009, 25, 667-681.	1.3	4
138	Modeling and reconstruction of optical tomography for endoscopic applications: Simulation demonstration. Applied Physics Letters, 2011, 99, .	3.3	4
139	A Part-Based Probabilistic Model for Object Detection with Occlusion. PLoS ONE, 2014, 9, e84624.	2.5	4
140	Filtered maximum likelihood expectation maximization based global reconstruction for bioluminescence tomography. Medical and Biological Engineering and Computing, 2018, 56, 2067-2081.	2.8	4
141	Comparative studies of total-variation-regularized sparse reconstruction algorithms in projection tomography. AIP Advances, 2019, 9, .	1.3	4
142	Short-range and long-range neuronal oscillatory coupling in multiple frequency bands during face perception. International Journal of Psychophysiology, 2020, 152, 26-35.	1.0	4
143	Unsupervised automatic classification of all-sky auroral images using deep clustering technology. Earth Science Informatics, 2021, 14, 1327-1337.	3.2	4
144	Visual experience modulates whole-brain connectivity dynamics: A resting-state fMRI study using the model of radiologists. Human Brain Mapping, 2021, 42, 4538-4554.	3.6	4

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145	Classification of unlabeled cells using lensless digital holographic images and deep neural networks. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4137-4148.	2.0	4
146	Factorial Hidden Markov Models for Gait Recognition. Lecture Notes in Computer Science, 2007, , 124-133.	1.3	4
147	Sequential Monte Carlo Implementation for Infrared/Radar Maneuvering Target Tracking. , 2006, , .		3
148	Study on Photon Transport Problem Based on the Platform of Molecular Optical Simulation Environment. International Journal of Biomedical Imaging, 2010, 2010, 1-9.	3.9	3
149	Extended Finite Element Method with Simplified Spherical Harmonics Approximation for the Forward Model of Optical Molecular Imaging. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-10.	1.3	3
150	Mapping of bioluminescent images onto CT volume surface for dual-modality BLT and CT imaging. Journal of X-Ray Science and Technology, 2012, 20, 31-44.	1.0	3
151	All-optical quantitative framework for bioluminescence tomography with non-contact measurement. International Journal of Automation and Computing, 2012, 9, 72-80.	4.5	3
152	Generalized Random Grid-Based Visual Secret Sharing for General Access Structures. Computer Journal, 2015, 58, 2426-2442.	2.4	3
153	Brevinin-2 Drug Familyâ€™New Applied Peptide Candidates Against Methicillin-Resistant Staphylococcus aureus and Their Effects on Lys-7 Expression of Innate Immune Pathway DAF-2/DAF-16 in Caenorhabditis elegans. Applied Sciences (Switzerland), 2018, 8, 2627.	2.5	3
154	Investigation of the influence of sampling schemes on quantitative dynamic fluorescence imaging. Biomedical Optics Express, 2018, 9, 1859.	2.9	3
155	System Response Matrix Calculation Based on Distance-Driven Model and Solid Angle Model for Dual-Head PET System. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 81-90.	3.7	3
156	Three-dimensional quantitative assessment of myocardial infarction via multimodality fusion imaging: methodology, validation, and preliminary clinical application. Quantitative Imaging in Medicine and Surgery, 2021, 11, 3175-3189.	2.0	3
157	Automatic X-ray image segmentation for threat detection. , 0, , .		2
158	Qualitative Simulation of Photon Transport in Free Space Based on Monte Carlo Method and Its Parallel Implementation. International Journal of Biomedical Imaging, 2010, 2010, 1-9.	3.9	2
159	Multi-modality molecular imaging for gastric cancer research. , 2011, , .		2
160	Normalized Born Approximation-Based Two-Stage Reconstruction Algorithm for Quantitative Fluorescence Molecular Tomography. Journal of Electrical and Computer Engineering, 2012, 2012, 1-9.	0.9	2
161	Hybrid light transport model based bioluminescence tomography reconstruction for early gastric cancer detection. , 2012, , .		2
162	Persistent luminescence tomography for small animal imaging. Biomedical Optics Express, 2017, 8, 1466.	2.9	2

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163	Feasibility Study of Limited-Angle Reconstruction for <i>in Vivo</i> Optical Projection Tomography Based on Novel Sample Fixation. <i>IEEE Access</i> , 2019, 7, 87681-87691.	4.2	2
164	Specific Neuronal Oscillatory Coupling over Frontal and Occipito-temporal Regions during Face Perception. , 2019, 2019, 325-328.		2
165	Removal of random-valued impulse noise from Cerenkov luminescence images. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 131-141.	2.8	2
166	Effective reconstruction of bioluminescence tomography based on GPU-accelerated inverse Monte Carlo method. <i>AIP Advances</i> , 2020, 10, 105329.	1.3	2
167	Automated Detection Of Highly Aggregated Neurons In Microscopic Images Of Macaque Brain. , 2020, , .		2
168	Experimental Three-Dimensional Bioluminescence Tomography Reconstruction Using the p -Regularization. <i>Advanced Science Letters</i> , 2012, 16, 125-129.	0.2	2
169	Poleward Moving Aurora Recognition with Deep Convolutional Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 551-560.	1.3	2
170	Two-stage deep learning network-based few-view image reconstruction for parallel-beam projection tomography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2535-2551.	2.0	2
171	Discriminative Context-Aware Network for Target Extraction in Remote Sensing Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 700-715.	4.9	2
172	<i>Decision fusion using fuzzy integral method</i> . , 2000, , .		1
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