

Kun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8384577/publications.pdf>

Version: 2024-02-01

153
papers

6,372
citations

76196

40
h-index

79541

73
g-index

160
all docs

160
docs citations

160
times ranked

8284
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning Radiomics of shear wave elastography significantly improved diagnostic performance for assessing liver fibrosis in chronic hepatitis B: a prospective multicentre study. <i>Gut</i> , 2019, 68, 729-741.	6.1	325
2	Predicting EGFR mutation status in lung adenocarcinoma on computed tomography image using deep learning. <i>European Respiratory Journal</i> , 2019, 53, 1800986.	3.1	298
3	Radiomics of Multiparametric MRI for Pretreatment Prediction of Pathologic Complete Response to Neoadjuvant Chemotherapy in Breast Cancer: A Multicenter Study. <i>Clinical Cancer Research</i> , 2019, 25, 3538-3547.	3.2	293
4	The Role of Imaging in the Detection and Management of COVID-19: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 16-29.	13.1	273
5	Metal-Organic Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy. <i>Advanced Materials</i> , 2016, 28, 8379-8387.	11.1	264
6	Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , 2018, 12, 4105-4115.	7.3	239
7	Full-Wave Iterative Image Reconstruction in Photoacoustic Tomography With Acoustically Inhomogeneous Media. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1097-1110.	5.4	201
8	Core-Shell Gold Nanorod@Metal-Organic Framework Nanoprobes for Multimodality Diagnosis of Glioma. <i>Advanced Materials</i> , 2017, 29, 1604381.	11.1	177
9	Investigation of iterative image reconstruction in three-dimensional optoacoustic tomography. <i>Physics in Medicine and Biology</i> , 2012, 57, 5399-5423.	1.6	163
10	A New Approach to Predict Progression-free Survival in Stage IV EGFR-mutant NSCLC Patients with EGFR-TKI Therapy. <i>Clinical Cancer Research</i> , 2018, 24, 3583-3592.	3.2	151
11	Whole-body ring-shaped confocal photoacoustic computed tomography of small animals in vivo. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	1.4	143
12	An Imaging Model Incorporating Ultrasonic Transducer Properties for Three-Dimensional Optoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 203-214.	5.4	136
13	Salt-induced aggregation of gold nanoparticles for photoacoustic imaging and photothermal therapy of cancer. <i>Nanoscale</i> , 2016, 8, 4452-4457.	2.8	118
14	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. <i>Nature Communications</i> , 2015, 6, 7560.	5.8	114
15	Waveform inversion with source encoding for breast sound speed reconstruction in ultrasound computed tomography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2015, 62, 475-493.	1.7	111
16	Accurate prediction of responses to transarterial chemoembolization for patients with hepatocellular carcinoma by using artificial intelligence in contrast-enhanced ultrasound. <i>European Radiology</i> , 2020, 30, 2365-2376.	2.3	93
17	One-Nanoparticles for Trimodality Imaging-Guided Intracellular Photo-magnetic Hyperthermia Therapy under Intravenous Administration. <i>Advanced Functional Materials</i> , 2018, 28, 1705710.	7.8	90
18	Thermally Triggered in Situ Assembly of Gold Nanoparticles for Cancer Multimodal Imaging and Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10453-10460.	4.0	85

#	ARTICLE	IF	CITATIONS
19	In vivo CRISPR screening unveils histone demethylase UTX as an important epigenetic regulator in lung tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3978-E3986.	3.3	78
20	Analgesic effect of high intensity focused ultrasound therapy for unresectable pancreatic cancer. <i>International Journal of Hyperthermia</i> , 2011, 27, 101-107.	1.1	73
21	Differences of Severe Acute Respiratory Syndrome Coronavirus 2 Shedding Duration in Sputum and Nasopharyngeal Swab Specimens Among Adult Inpatients With Coronavirus Disease 2019. <i>Chest</i> , 2020, 158, 1876-1884.	0.4	69
22	Deep Learning Radiomics Based on Contrast-Enhanced Ultrasound Might Optimize Curative Treatments for Very-Early or Early-Stage Hepatocellular Carcinoma Patients. <i>Liver Cancer</i> , 2020, 9, 397-413.	4.2	68
23	Dye-conjugated single-walled carbon nanotubes induce photothermal therapy under the guidance of near-infrared imaging. <i>Cancer Letters</i> , 2016, 383, 243-249.	3.2	65
24	Multiparametric MRI-based radiomics analysis for prediction of breast cancers insensitive to neoadjuvant chemotherapy. <i>Clinical and Translational Oncology</i> , 2020, 22, 50-59.	1.2	65
25	Rapid Detection of COVID-19 Using MALDI-TOF-Based Serum Peptidome Profiling. <i>Analytical Chemistry</i> , 2021, 93, 4782-4787.	3.2	65
26	Near infrared-emitting persistent luminescent nanoparticles for Hepatocellular Carcinoma imaging and luminescence-guided surgery. <i>Biomaterials</i> , 2018, 167, 216-225.	5.7	63
27	Lung Lesion Extraction Using a Toboggan Based Growing Automatic Segmentation Approach. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 337-353.	5.4	62
28	The potential indicators for pulmonary fibrosis in survivors of severe COVID-19. <i>Journal of Infection</i> , 2021, 82, e5-e7.	1.7	59
29	Differential Diagnosis of Benign and Malignant Thyroid Nodules Using Deep Learning Radiomics of Thyroid Ultrasound Images. <i>European Journal of Radiology</i> , 2020, 127, 108992.	1.2	58
30	Near-infrared light-responsive nanoparticles with thermosensitive yolk-shell structure for multimodal imaging and chemo-photothermal therapy of tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1607-1616.	1.7	56
31	Mining whole-lung information by artificial intelligence for predicting EGFR genotype and targeted therapy response in lung cancer: a multicohort study. <i>The Lancet Digital Health</i> , 2022, 4, e309-e319.	5.9	55
32	Intraoperative Identification of Liver Cancer Microfoci Using a Targeted Near-Infrared Fluorescent Probe for Imaging-Guided Surgery. <i>Scientific Reports</i> , 2016, 6, 21959.	1.6	54
33	Nonmodel-based bioluminescence tomography using a machine-learning reconstruction strategy. <i>Optica</i> , 2018, 5, 1451.	4.8	54
34	Accelerating image reconstruction in three-dimensional optoacoustic tomography on graphics processing units. <i>Medical Physics</i> , 2013, 40, 023301.	1.6	53
35	Optical Molecular Imaging Frontiers in Oncology: The Pursuit of Accuracy and Sensitivity. <i>Engineering</i> , 2015, 1, 309-323.	3.2	53
36	From Detection to Resection: Photoacoustic Tomography and Surgery Guidance with Indocyanine Green Loaded Gold Nanorod@liposome Core-Shell Nanoparticles in Liver Cancer. <i>Bioconjugate Chemistry</i> , 2017, 28, 1221-1228.	1.8	52

#	ARTICLE	IF	CITATIONS
37	Deep learning radiomics of ultrasonography can predict response to neoadjuvant chemotherapy in breast cancer at an early stage of treatment: a prospective study. <i>European Radiology</i> , 2022, 32, 2099-2109.	2.3	52
38	Investigation of the far-field approximation for modeling a transducer's spatial impulse response in photoacoustic computed tomography. <i>Photoacoustics</i> , 2014, 2, 21-32.	4.4	48
39	Size-dependent anti-inflammatory activity of a peptide-gold nanoparticle hybrid in vitro and in a mouse model of acute lung injury. <i>Acta Biomaterialia</i> , 2019, 85, 203-217.	4.1	47
40	The downregulation of miR-144 is associated with the growth and invasion of osteosarcoma cells through the regulation of TAGLN expression. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1565-1572.	1.8	46
41	Lung cancer deficient in the tumor suppressor GATA4 is sensitive to TGFBR1 inhibition. <i>Nature Communications</i> , 2019, 10, 1665.	5.8	45
42	Theranostic imaging of liver cancer using targeted optical/MRI dual-modal probes. <i>Oncotarget</i> , 2017, 8, 32741-32751.	0.8	41
43	Near-infrared Intraoperative Imaging of Thoracic Sympathetic Nerves: From Preclinical Study to Clinical Trial. <i>Theranostics</i> , 2018, 8, 304-313.	4.6	41
44	Radiofrequency ablation for hepatic oligometastatic pancreatic cancer: An analysis of safety and efficacy. <i>Pancreatology</i> , 2017, 17, 967-973.	0.5	40
45	Bioluminescence Tomography Based on Gaussian Weighted Laplace Prior Regularization for <i>In Vivo</i> Morphological Imaging of Glioma. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 2343-2354.	5.4	40
46	Domain Transform Network for Photoacoustic Tomography from Limited-view and Sparsely Sampled Data. <i>Photoacoustics</i> , 2020, 19, 100190.	4.4	39
47	Deep pyramid local attention neural network for cardiac structure segmentation in two-dimensional echocardiography. <i>Medical Image Analysis</i> , 2021, 67, 101873.	7.0	39
48	Tumour-homing chimeric polypeptide-conjugated polypyrrole nanoparticles for imaging-guided synergistic photothermal and chemical therapy of cancer. <i>Theranostics</i> , 2018, 8, 2634-2645.	4.6	37
49	From PET/CT to PET/MRI: Advances in Instrumentation and Clinical Applications. <i>Molecular Pharmaceutics</i> , 2014, 11, 3798-3809.	2.3	36
50	Precise diagnosis in different scenarios using photoacoustic and fluorescence imaging with dual-modality nanoparticles. <i>Nanoscale</i> , 2016, 8, 14480-14488.	2.8	36
51	Sorafenib-loaded polymeric micelles as passive targeting therapeutic agents for hepatocellular carcinoma therapy. <i>Nanomedicine</i> , 2018, 13, 1009-1023.	1.7	36
52	Illuminating necrosis: From mechanistic exploration to preclinical application using fluorescence molecular imaging with indocyanine green. <i>Scientific Reports</i> , 2016, 6, 21013.	1.6	34
53	A novel plectin/integrin-targeted bispecific molecular probe for magnetic resonance/near-infrared imaging of pancreatic cancer. <i>Biomaterials</i> , 2018, 183, 173-184.	5.7	33
54	K-Nearest Neighbor Based Locally Connected Network for Fast Morphological Reconstruction in Fluorescence Molecular Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 3019-3028.	5.4	33

#	ARTICLE	IF	CITATIONS
55	A Constrained Variable Projection Reconstruction Method for Photoacoustic Computed Tomography Without Accurate Knowledge of Transducer Responses. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 2443-2458.	5.4	32
56	Multispectral hybrid Cerenkov luminescence tomography based on the finite element SPn method. <i>Journal of Biomedical Optics</i> , 2015, 20, 086007.	1.4	32
57	Reconstruction of Fluorescence Molecular Tomography via a Fused LASSO Method Based on Group Sparsity Prior. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1361-1371.	2.5	32
58	Online Transfer Learning for Differential Diagnosis of Benign and Malignant Thyroid Nodules With Ultrasound Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2773-2780.	2.5	32
59	Discrete Imaging Models for Three-Dimensional Optoacoustic Tomography Using Radially Symmetric Expansion Functions. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1180-1193.	5.4	31
60	Cascaded one-shot deformable convolutional neural networks: Developing a deep learning model for respiratory motion estimation in ultrasound sequences. <i>Medical Image Analysis</i> , 2020, 65, 101793.	7.0	31
61	Joint Reconstruction of Absorbed Optical Energy Density and Sound Speed Distributions in Photoacoustic Computed Tomography: A Numerical Investigation. <i>IEEE Transactions on Computational Imaging</i> , 2016, 2, 136-149.	2.6	30
62	Adaptive Gaussian Weighted Laplace Prior Regularization Enables Accurate Morphological Reconstruction in Fluorescence Molecular Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2726-2734.	5.4	30
63	Recent methodology advances in fluorescence molecular tomography. <i>Visual Computing for Industry, Biomedicine, and Art</i> , 2018, 1, 1.	2.2	29
64	Methylene Blue-Based Near-Infrared Fluorescence Imaging for Breast Cancer Visualization in Resected Human Tissues. <i>Technology in Cancer Research and Treatment</i> , 2019, 18, 153303381989433.	0.8	29
65	Inter-Relationships between Test Weight, Thousand Kernel Weight, Kernel Size Distribution and Their Effects on Durum Wheat Milling, Semolina Composition and Pasta Processing Quality. <i>Foods</i> , 2020, 9, 1308.	1.9	28
66	Deep learning radiomics of dual-energy computed tomography for predicting lymph node metastases of pancreatic ductal adenocarcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1187-1199.	3.3	28
67	A Novel Endoscopic Cerenkov Luminescence Imaging System for Intraoperative Surgical Navigation. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00018.	0.7	27
68	A simple Fourier transform-based reconstruction formula for photoacoustic computed tomography with a circular or spherical measurement geometry. <i>Physics in Medicine and Biology</i> , 2012, 57, N493-N499.	1.6	26
69	Probability method for Cerenkov luminescence tomography based on conformance error minimization. <i>Biomedical Optics Express</i> , 2014, 5, 2091.	1.5	25
70	Fast spatiotemporal image reconstruction based on low-rank matrix estimation for dynamic photoacoustic computed tomography. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	1.4	25
71	Cannabidiol administration reduces sublesional cancellous bone loss in rats with severe spinal cord injury. <i>European Journal of Pharmacology</i> , 2017, 809, 13-19.	1.7	25
72	Preoperative Examination and Intraoperative Identification of Hepatocellular Carcinoma Using a Targeted Bimodal Imaging Probe. <i>Bioconjugate Chemistry</i> , 2018, 29, 1475-1484.	1.8	25

#	ARTICLE	IF	CITATIONS
73	Bioluminescence Tomography by an Iterative Reweighted ℓ_1 -Norm Optimization. IEEE Transactions on Biomedical Engineering, 2014, 61, 189-196.	2.5	24
74	Multiparametric MRI-based radiomics analysis for the prediction of breast tumor regression patterns after neoadjuvant chemotherapy. Translational Oncology, 2020, 13, 100831.	1.7	24
75	Dynamic Contrast-Enhanced Ultrasound Radiomics for Hepatocellular Carcinoma Recurrence Prediction After Thermal Ablation. Molecular Imaging and Biology, 2021, 23, 572-585.	1.3	24
76	Prediction and understanding of AIE effect by quantum mechanics-aided machine-learning algorithm. Chemical Communications, 2018, 54, 7955-7958.	2.2	23
77	A new method of near-infrared fluorescence image-guided hepatectomy for patients with hepatolithiasis: a randomized controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 4975-4982.	1.3	23
78	Chinese Herbal Medicine Suppresses Invasion-Promoting Capacity of Cancer-Associated Fibroblasts in Pancreatic Cancer. PLoS ONE, 2014, 9, e96177.	1.1	22
79	Enhanced Anti-inflammatory Activity of Peptide-Gold Nanoparticle Hybrids upon Cigarette Smoke Extract Modification through TLR Inhibition and Autophagy Induction. ACS Applied Materials & Interfaces, 2019, 11, 32706-32719.	4.0	21
80	Performance verification of anti-SARS-CoV-2-specific antibody detection by using four chemiluminescence immunoassay systems. Annals of Clinical Biochemistry, 2020, 57, 429-434.	0.8	21
81	Deep learning radiomics based on contrast-enhanced ultrasound images for assisted diagnosis of pancreatic ductal adenocarcinoma and chronic pancreatitis. BMC Medicine, 2022, 20, 74.	2.3	20
82	Ultrasound Imaging Based on Molecular Targeting for Quantitative Evaluation of Hepatic Ischemia-Reperfusion Injury. American Journal of Transplantation, 2017, 17, 3087-3097.	2.6	19
83	Gluten Aggregation Behavior in High-Shear-Based GlutoPeak Test: Impact of Flour Water Absorption and Strength. Cereal Chemistry, 2017, 94, 909-915.	1.1	19
84	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. Cancer Letters, 2021, 505, 37-48.	3.2	19
85	Inhibition of SENP5 suppresses cell growth and promotes apoptosis in osteosarcoma cells. Experimental and Therapeutic Medicine, 2014, 7, 1691-1695.	0.8	18
86	Clinical effect of hyperbaric oxygen therapy in the treatment of femoral head necrosis. Der Orthopade, 2017, 46, 440-446.	0.7	18
87	MicroRNA-181 Functions as an Antioncogene and Mediates NF- κ B Pathway by Targeting RTKN2 in Ovarian Cancers. Reproductive Sciences, 2019, 26, 1071-1081.	1.1	18
88	A gel system for single instillation of non-muscle-invasive bladder Cancer: A "divide-and-rule" strategy. Journal of Controlled Release, 2018, 285, 46-55.	4.8	17
89	Novel GPC3-binding WS ₂ -Ga ³⁺ -PEG-peptide nanosheets for <i>in vivo</i> bimodal imaging-guided photothermal therapy. Nanomedicine, 2018, 13, 1681-1693.	1.7	17
90	In vivo three-dimensional evaluation of tumour hypoxia in nasopharyngeal carcinomas using FMT-CT and MSOT. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1027-1038.	3.3	17

#	ARTICLE	IF	CITATIONS
91	Ferritin nanocages for early theranostics of tumors via inflammation-enhanced active targeting. <i>Science China Life Sciences</i> , 2022, 65, 328-340.	2.3	16
92	Tripling the detection view of high-frequency linear-array-based photoacoustic computed tomography by using two planar acoustic reflectors. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 57-62.	1.1	16
93	High intensity focused ultrasound treatment for patients with advanced pancreatic cancer: A preliminary dosimetric analysis. <i>International Journal of Hyperthermia</i> , 2012, 28, 645-652.	1.1	14
94	Curve-Driven-Based Acoustic Inversion for Photoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 2546-2557.	5.4	14
95	Improved Block Sparse Bayesian Learning Method Using K-Nearest Neighbor Strategy for Accurate Tumor Morphology Reconstruction in Bioluminescence Tomography. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1-1.	2.5	14
96	Adaptive Grouping Block Sparse Bayesian Learning Method for Accurate and Robust Reconstruction in Bioluminescence Tomography. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 3388-3398.	2.5	14
97	Sparse Reconstruction of Fluorescence Molecular Tomography Using Variable Splitting and Alternating Direction Scheme. <i>Molecular Imaging and Biology</i> , 2018, 20, 37-46.	1.3	13
98	Targeted Au-core-Ag-shell nanorods as a dual-functional contrast agent for photoacoustic imaging and photothermal therapy. <i>Biomedical Optics Express</i> , 2016, 7, 1830.	1.5	12
99	Development and application of the near-infrared and white-light thoracoscope system for minimally invasive lung cancer surgery. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	1.4	12
100	Kernel vitreousness and protein content: Relationship, interaction and synergistic effects on durum wheat quality. <i>Journal of Cereal Science</i> , 2017, 78, 2-9.	1.8	12
101	An Innovation for Treating Orthotopic Pancreatic Cancer by Preoperative Screening and Imaging-Guided Surgery. <i>Molecular Imaging and Biology</i> , 2019, 21, 67-77.	1.3	12
102	Construction of a novel bispecific fusion protein to enhance targeting for pancreatic cancer imaging. <i>Biomaterials</i> , 2020, 255, 120161.	5.7	11
103	L _p Regularization for Bioluminescence Tomography Based on the Split Bregman Method. <i>Molecular Imaging and Biology</i> , 2016, 18, 830-837.	1.3	10
104	Postreconstruction filtering of 3D PET images by using weighted higher-order singular value decomposition. <i>BioMedical Engineering OnLine</i> , 2016, 15, 102.	1.3	10
105	Phage Display-Derived Peptide-Based Dual-Modality Imaging Probe for Bladder Cancer Diagnosis and Resection Postinstillation: A Preclinical Study. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 2100-2111.	1.9	10
106	Fluorescence Molecular Tomography Based on Group Sparsity Priori for Morphological Reconstruction of Glioma. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1429-1437.	2.5	10
107	A retrospective analysis of survival factors of high intensity focused ultrasound (HIFU) treatment for unresectable pancreatic cancer. <i>Discovery Medicine</i> , 2016, 21, 435-45.	0.5	10
108	Reconstruction Method for In Vivo Bioluminescence Tomography Based on the Split Bregman Iterative and Surrogate Functions. <i>Molecular Imaging and Biology</i> , 2017, 19, 245-255.	1.3	9

#	ARTICLE	IF	CITATIONS
109	Application of deep learning to predict underestimation in ductal carcinoma in situ of the breast with ultrasound. <i>Annals of Translational Medicine</i> , 2021, 9, 295-295.	0.7	9
110	Impact of nonstationary optical illumination on image reconstruction in optoacoustic tomography. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2016, 33, 2333.	0.8	9
111	Simple structural indocyanine green-loaded microbubbles for dual-modality imaging and multi-synergistic photothermal therapy in prostate cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102229.	1.7	8
112	Retrospective analysis of high intensity focused ultrasound combined with S-1 in the treatment of metastatic pancreatic cancer after failure of gemcitabine. <i>American Journal of Cancer Research</i> , 2016, 6, 84-90.	1.4	8
113	Three-Dimensional Convolutional Neural Network-Based Prediction of Epidermal Growth Factor Receptor Expression Status in Patients With Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 772770.	1.3	8
114	A rapid extensigraph protocol for measuring dough viscoelasticity and mixing requirement. <i>Journal of Cereal Science</i> , 2017, 76, 99-107.	1.8	7
115	Nonconvex Laplacian Manifold Joint Method for Morphological Reconstruction of Fluorescence Molecular Tomography. <i>Molecular Imaging and Biology</i> , 2021, 23, 394-406.	1.3	7
116	The first visualization of chemotherapy-induced tumor apoptosis via magnetic particle imaging in a mouse model. <i>Physics in Medicine and Biology</i> , 2020, 65, 195004.	1.6	7
117	High expression of erythropoietin-producing hepatoma cell line-B2 (EphB2) predicts the efficiency of the Qingyihuaiji formula treatment in pancreatic cancer CFPAC-1 cells through the EphrinB1-EphB2 pathway. <i>Oncology Letters</i> , 2014, 8, 17-24.	0.8	6
118	Application of machine learning method in optical molecular imaging: a review. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	6
119	Feasibility, effectiveness, and safety of a novel cryo-balloon targeted lung denervation technique in an animal model. <i>Cryobiology</i> , 2020, 93, 27-32.	0.3	6
120	A review of the application of machine learning in molecular imaging. <i>Annals of Translational Medicine</i> , 2021, 9, 825-825.	0.7	6
121	Improved generative adversarial networks using the total gradient loss for the resolution enhancement of fluorescence images. <i>Biomedical Optics Express</i> , 2019, 10, 4742.	1.5	6
122	Ultrasound-guided percutaneous microwave ablation of adenomyosis: a narrative review. <i>Annals of Palliative Medicine</i> , 2021, 10, 12003-12011.	0.5	6
123	Effect of Kernel Size and Its Potential Interaction with Genotype on Key Quality Traits of Durum Wheat. <i>Foods</i> , 2021, 10, 2992.	1.9	6
124	<p>Biodistribution Survey of Oxidized Single-Wall Carbon Nanohorns Following Different Administration Routes by Using Label-Free Multispectral Optoacoustic Tomography</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9809-9821.	3.3	5
125	Comparing radiomics models with different inputs for accurate diagnosis of significant fibrosis in chronic liver disease. <i>European Radiology</i> , 2021, 31, 8743-8754.	2.3	5
126	Reconstruction method for fluorescence molecular tomography based on L1-norm primal accelerated proximal gradient. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	5

#	ARTICLE	IF	CITATIONS
127	A novel co-targeting strategy of EGFR/SEC61G for multi-modality fluorescence/MR/photoacoustic imaging of glioblastoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102509.	1.7	5
128	Novel regularized sparse model for fluorescence molecular tomography reconstruction. <i>Proceedings of SPIE</i> , 2017, , .	0.8	4
129	Fast in vivo bioluminescence tomography using a novel pure optical imaging technique. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 10, 1750003.	0.5	4
130	Developing a high-throughput micromilling protocol for evaluating durum wheat milling performance and semolina quality. <i>Cereal Chemistry</i> , 2019, 96, 802-814.	1.1	4
131	CEUSegNet: A Cross-Modality Lesion Segmentation Network for Contrast-Enhanced Ultrasound. , 2022, , .		4
132	Effect of rotating partial illumination on image reconstruction for optoacoustic breast tomography. , 2015, , .		3
133	Retrospective study of the ultrasound characteristics of the tibial nerve in patients with type 2 diabetic peripheral neuropathy. <i>Annals of Palliative Medicine</i> , 2021, 10, 8787-8796.	0.5	3
134	Is chronic hepatitis B infection a protective factor for the progression of advanced pancreatic ductal adenocarcinoma? An analysis from a large multicenter cohort study. <i>Oncotarget</i> , 2016, 7, 85603-85612.	0.8	3
135	Clinical application of two dimensional shear wave elastography with a propagation map in evaluating liver fibrosis in patients with liver tumors. <i>Clinical Hemorheology and Microcirculation</i> , 2023, 85, 93-104.	0.9	3
136	Cerenkov luminescence tomography based on preconditioning orthogonal matching pursuit. , 2015, , .		2
137	Synergistic image reconstruction for hybrid ultrasound and photoacoustic computed tomography. , 2015, , .		2
138	Boosting Postsurgical Outcomes of Orthotopic Hepatocellular Carcinoma via an EpCAM-Targeting Theranostic Nanoparticle. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900085.	1.2	2
139	AI in spotting high-risk characteristics of medical imaging and molecular pathology. <i>Precision Clinical Medicine</i> , 2021, 4, 271-286.	1.3	2
140	Pulmonary Embolism at Extreme High Altitude: A Study of Seven Cases. <i>High Altitude Medicine and Biology</i> , 0, , .	0.5	2
141	Simultaneous reconstruction of absorbed optical energy density and speed of sound distributions in photoacoustic computed tomography. , 2014, , .		1
142	<i>In vivo</i> bioluminescence tomography based on multi-view projection and 3D surface reconstruction. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
143	The Role of Imaging in the Detection and Management of COVID-19: A Review. , 0, .		1
144	Linear scheme for the direct reconstruction of noncontact time-domain fluorescence molecular lifetime tomography. <i>Applied Optics</i> , 2020, 59, 7961.	0.9	1

#	ARTICLE	IF	CITATIONS
145	Adaptive brightness fusion method for intraoperative near-infrared fluorescence and visible images. Biomedical Optics Express, 2022, 13, 1243.	1.5	1
146	Novel fusion for hybrid optical/microcomputed tomography imaging based on natural light surface reconstruction and iterated closest point. , 2014, , .		0
147	Endoscopic Cerenkov luminescence imaging: in vivo small animal tumor model validation. , 2015, , .		0
148	Accelerated iterative image reconstruction in three-dimensional optoacoustic tomography. Proceedings of SPIE, 2015, , .	0.8	0
149	Regulatory Effects of Nur77 on Airway Remodeling and ASMC Proliferation in House Dust Mite-Induced Asthma. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	1.9	0
150	High sensitivity optical molecular imaging system. , 2018, , .		0
151	A novel matrix used in regularization term for model-based photoacoustic reconstruction. , 2018, , .		0
152	Morphological reconstruction of fluorescence molecular tomography based on nonlocal total variation regularization for tracer distribution in glioma. , 2019, , .		0
153	Bioluminescence tomography based on bilateral weight Laplace method for in vivo morphological imaging of glioma. , 2019, , .		0