

# Kun Wang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8384577/kun-wang-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140  
papers

3,921  
citations

33  
h-index

58  
g-index

160  
ext. papers

5,209  
ext. citations

6.6  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
140	Metal-Organic-Framework-Derived Mesoporous Carbon Nanospheres Containing Porphyrin-Like Metal Centers for Conformal Phototherapy. <i>Advanced Materials</i> , <b>2016</b> , 28, 8379-8387	24	207
139	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> , <b>2019</b> , 68, 729-741	19.2	190
138	Full-wave iterative image reconstruction in photoacoustic tomography with acoustically inhomogeneous media. <i>IEEE Transactions on Medical Imaging</i> , <b>2013</b> , 32, 1097-110	11.7	157
137	The Role of Imaging in the Detection and Management of COVID-19: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , <b>2021</b> , 14, 16-29	6.4	155
136	Predicting EGFR mutation status in lung adenocarcinoma on computed tomography image using deep learning. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	154
135	Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , <b>2018</b> , 12, 4105-4115	16.7	144
134	Core-Shell Gold Nanorod@Metal-Organic Framework Nanoprobes for Multimodality Diagnosis of Glioma. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604381	24	142
133	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> , <b>2019</b> , 25, 3538-3547	12.9	136
132	Investigation of iterative image reconstruction in three-dimensional optoacoustic tomography. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 5399-423	3.8	133
131	An imaging model incorporating ultrasonic transducer properties for three-dimensional optoacoustic tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2011</b> , 30, 203-14	11.7	110
130	Whole-body ring-shaped confocal photoacoustic computed tomography of small animals in vivo. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 050506	3.5	110
129	A New Approach to Predict Progression-free Survival in Stage IV EGFR-mutant NSCLC Patients with EGFR-TKI Therapy. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 3583-3592	12.9	90
128	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. <i>Nature Communications</i> , <b>2015</b> , 6, 7560	17.4	89
127	Salt-induced aggregation of gold nanoparticles for photoacoustic imaging and photothermal therapy of cancer. <i>Nanoscale</i> , <b>2016</b> , 8, 4452-7	7.7	86
126	All-in-One Nanoparticles for Trimodality Imaging-Guided Intracellular Photo-magnetic Hyperthermia Therapy under Intravenous Administration. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705710	15.6	66
125	Thermally Triggered in Situ Assembly of Gold Nanoparticles for Cancer Multimodal Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10453-10460	9.5	60
124	Analgesic effect of high intensity focused ultrasound therapy for unresectable pancreatic cancer. <i>International Journal of Hyperthermia</i> , <b>2011</b> , 27, 101-7	3.7	60

123	Waveform inversion with source encoding for breast sound speed reconstruction in ultrasound computed tomography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2015</b> , 62, 475-93	3.2	59
122	Dye-conjugated single-walled carbon nanotubes induce photothermal therapy under the guidance of near-infrared imaging. <i>Cancer Letters</i> , <b>2016</b> , 383, 243-249	9.9	59
121	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> , <b>2020</b> , 158, 1876-1884	5.3	47
120	Near infrared-emitting persistent luminescent nanoparticles for Hepatocellular Carcinoma imaging and luminescence-guided surgery. <i>Biomaterials</i> , <b>2018</b> , 167, 216-225	15.6	47
119	Intraoperative Identification of Liver Cancer Microfoci Using a Targeted Near-Infrared Fluorescent Probe for Imaging-Guided Surgery. <i>Scientific Reports</i> , <b>2016</b> , 6, 21959	4.9	46
118	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> , <b>2018</b> , 115, E3978-E3986	11.5	45
117	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> , <b>2017</b> , 28, 1221-1228	6.3	44
116	Accelerating image reconstruction in three-dimensional optoacoustic tomography on graphics processing units. <i>Medical Physics</i> , <b>2013</b> , 40, 023301	4.4	44
115	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> , <b>2017</b> , 13, 1607-1616	6	42
114	Investigation of the far-field approximation for modeling a transducer's spatial impulse response in photoacoustic computed tomography. <i>Photoacoustics</i> , <b>2014</b> , 2, 21-32	9	42
113	Lung Lesion Extraction Using a Toboggan Based Growing Automatic Segmentation Approach. <i>IEEE Transactions on Medical Imaging</i> , <b>2016</b> , 35, 337-53	11.7	39
112	Accurate prediction of responses to transarterial chemoembolization for patients with hepatocellular carcinoma by using artificial intelligence in contrast-enhanced ultrasound. <i>European Radiology</i> , <b>2020</b> , 30, 2365-2376	8	38
111	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> , <b>2014</b> , 34, 1565-72	4.4	36
110	Optical Molecular Imaging Frontiers in Oncology: The Pursuit of Accuracy and Sensitivity. <i>Engineering</i> , <b>2015</b> , 1, 309-323	9.7	36
109	Nonmodel-based bioluminescence tomography using a machine-learning reconstruction strategy. <i>Optica</i> , <b>2018</b> , 5, 1451	8.6	36
108	Theranostic imaging of liver cancer using targeted optical/MRI dual-modal probes. <i>Oncotarget</i> , <b>2017</b> , 8, 32741-32751	3.3	33
107	Multiparametric MRI-based radiomics analysis for prediction of breast cancers insensitive to neoadjuvant chemotherapy. <i>Clinical and Translational Oncology</i> , <b>2020</b> , 22, 50-59	3.6	33
106	The potential indicators for pulmonary fibrosis in survivors of severe COVID-19. <i>Journal of Infection</i> , <b>2021</b> , 82, e5-e7	18.9	31

105	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> , <b>2019</b> , 85, 203-217	10.8	30
104	From PET/CT to PET/MRI: advances in instrumentation and clinical applications. <i>Molecular Pharmaceutics</i> , <b>2014</b> , 11, 3798-809	5.6	28
103	Rapid Detection of COVID-19 Using MALDI-TOF-Based Serum Peptidome Profiling. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4782-4787	7.8	28
102	Precise diagnosis in different scenarios using photoacoustic and fluorescence imaging with dual-modality nanoparticles. <i>Nanoscale</i> , <b>2016</b> , 8, 14480-8	7.7	27
101	Radiofrequency ablation for hepatic oligometastatic pancreatic cancer: An analysis of safety and efficacy. <i>Pancreatology</i> , <b>2017</b> , 17, 967-973	3.8	27
100	Lung cancer deficient in the tumor suppressor GATA4 is sensitive to TGFBR1 inhibition. <i>Nature Communications</i> , <b>2019</b> , 10, 1665	17.4	25
99	Near-infrared Intraoperative Imaging of Thoracic Sympathetic Nerves: From Preclinical Study to Clinical Trial. <i>Theranostics</i> , <b>2018</b> , 8, 304-313	12.1	25
98	Bioluminescence Tomography Based on Gaussian Weighted Laplace Prior Regularization for In Vivo Morphological Imaging of Glioma. <i>IEEE Transactions on Medical Imaging</i> , <b>2017</b> , 36, 2343-2354	11.7	25
97	Tumour-homing chimeric polypeptide-conjugated polypyrrole nanoparticles for imaging-guided synergistic photothermal and chemical therapy of cancer. <i>Theranostics</i> , <b>2018</b> , 8, 2634-2645	12.1	24
96	A novel plectin/integrin-targeted bispecific molecular probe for magnetic resonance/near-infrared imaging of pancreatic cancer. <i>Biomaterials</i> , <b>2018</b> , 183, 173-184	15.6	24
95	A Constrained Variable Projection Reconstruction Method for Photoacoustic Computed Tomography Without Accurate Knowledge of Transducer Responses. <i>IEEE Transactions on Medical Imaging</i> , <b>2015</b> , 34, 2443-58	11.7	24
94	Discrete imaging models for three-dimensional optoacoustic tomography using radially symmetric expansion functions. <i>IEEE Transactions on Medical Imaging</i> , <b>2014</b> , 33, 1180-93	11.7	24
93	Multispectral hybrid Cerenkov luminescence tomography based on the finite element SPn method. <i>Journal of Biomedical Optics</i> , <b>2015</b> , 20, 86007	3.5	22
92	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> , <b>2012</b> , 57, N493-9	3.8	22
91	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> , <b>2020</b> , 9, 397-413	9.1	21
90	Illuminating necrosis: From mechanistic exploration to preclinical application using fluorescence molecular imaging with indocyanine green. <i>Scientific Reports</i> , <b>2016</b> , 6, 21013	4.9	21
89	Bioluminescence tomography by an iterative reweighted (l)2 norm optimization. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2014</b> , 61, 189-96	5	21
88	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> , <b>2016</b> , 2, 136-149	4.5	20

87	A Novel Endoscopic Cerenkov Luminescence Imaging System for Intraoperative Surgical Navigation. <i>Molecular Imaging</i> , <b>2015</b> , 14, 7290.2015.00018	3.7	20
86	Domain Transform Network for Photoacoustic Tomography from Limited-view and Sparsely Sampled Data. <i>Photoacoustics</i> , <b>2020</b> , 19, 100190	9	19
85	Sorafenib-loaded polymeric micelles as passive targeting therapeutic agents for hepatocellular carcinoma therapy. <i>Nanomedicine</i> , <b>2018</b> , 13, 1009-1023	5.6	19
84	Chinese herbal medicine suppresses invasion-promoting capacity of cancer-associated fibroblasts in pancreatic cancer. <i>PLoS ONE</i> , <b>2014</b> , 9, e96177	3.7	19
83	Probability method for Cerenkov luminescence tomography based on conformance error minimization. <i>Biomedical Optics Express</i> , <b>2014</b> , 5, 2091-112	3.5	19
82	Preoperative Examination and Intraoperative Identification of Hepatocellular Carcinoma Using a Targeted Bimodal Imaging Probe. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1475-1484	6.3	18
81	Fast spatiotemporal image reconstruction based on low-rank matrix estimation for dynamic photoacoustic computed tomography. <i>Journal of Biomedical Optics</i> , <b>2014</b> , 19, 056007	3.5	17
80	Adaptive Gaussian Weighted Laplace Prior Regularization Enables Accurate Morphological Reconstruction in Fluorescence Molecular Tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2019</b> , 38, 2726-2734	11.7	16
79	Performance verification of anti-SARS-CoV-2-specific antibody detection by using four chemiluminescence immunoassay systems. <i>Annals of Clinical Biochemistry</i> , <b>2020</b> , 57, 429-434	2.2	16
78	Reconstruction of Fluorescence Molecular Tomography via a Fused LASSO Method Based on Group Sparsity Prior. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2019</b> , 66, 1361-1371	5	16
77	Gluten Aggregation Behavior in High-Shear-Based GlutoPeak Test: Impact of Flour Water Absorption and Strength. <i>Cereal Chemistry</i> , <b>2017</b> , 94, 909-915	2.4	15
76	Prediction and understanding of AIE effect by quantum mechanics-aided machine-learning algorithm. <i>Chemical Communications</i> , <b>2018</b> , 54, 7955-7958	5.8	15
75	Ultrasound Imaging Based on Molecular Targeting for Quantitative Evaluation of Hepatic Ischemia-Reperfusion Injury. <i>American Journal of Transplantation</i> , <b>2017</b> , 17, 3087-3097	8.7	14
74	Differential Diagnosis of Benign and Malignant Thyroid Nodules Using Deep Learning Radiomics of Thyroid Ultrasound Images. <i>European Journal of Radiology</i> , <b>2020</b> , 127, 108992	4.7	14
73	Deep pyramid local attention neural network for cardiac structure segmentation in two-dimensional echocardiography. <i>Medical Image Analysis</i> , <b>2021</b> , 67, 101873	15.4	14
72	Online Transfer Learning for Differential Diagnosis of Benign and Malignant Thyroid Nodules With Ultrasound Images. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 2773-2780	5	12
71	A new method of near-infrared fluorescence image-guided hepatectomy for patients with hepatolithiasis: a randomized controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2020</b> , 34, 4975-4982	5.2	12
70	Inhibition of SENP5 suppresses cell growth and promotes apoptosis in osteosarcoma cells. <i>Experimental and Therapeutic Medicine</i> , <b>2014</b> , 7, 1691-1695	2.1	12

69	Clinical effect of hyperbaric oxygen therapy in the treatment of femoral head necrosis : A systematic review and meta-analysis. <i>Der Orthopade</i> , <b>2017</b> , 46, 440-446	1.9	11
68	K-Nearest Neighbor Based Locally Connected Network for Fast Morphological Reconstruction in Fluorescence Molecular Tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 3019-3028	11.7	11
67	Novel GPC3-binding WS-Ga-PEG-peptide nanosheets for bimodal imaging-guided photothermal therapy. <i>Nanomedicine</i> , <b>2018</b> , 13, 1681-1693	5.6	11
66	Methylene Blue-Based Near-Infrared Fluorescence Imaging for Breast Cancer Visualization in Resected Human Tissues. <i>Technology in Cancer Research and Treatment</i> , <b>2019</b> , 18, 1533033819894331	2.7	11
65	Recent methodology advances in fluorescence molecular tomography. <i>Visual Computing for Industry, Biomedicine, and Art</i> , <b>2018</b> , 1, 1	2.9	11
64	Enhanced Anti-inflammatory Activity of Peptide-Gold Nanoparticle Hybrids upon Cigarette Smoke Extract Modification through TLR Inhibition and Autophagy Induction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 32706-32719	9.5	10
63	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> , <b>2015</b> , 5, 57-62	3.6	10
62	Cascaded one-shot deformable convolutional neural networks: Developing a deep learning model for respiratory motion estimation in ultrasound sequences. <i>Medical Image Analysis</i> , <b>2020</b> , 65, 101793	15.4	10
61	Multiparametric MRI-based radiomics analysis for the prediction of breast tumor regression patterns after neoadjuvant chemotherapy. <i>Translational Oncology</i> , <b>2020</b> , 13, 100831	4.9	10
60	Targeted Au-core-Ag-shell nanorods as a dual-functional contrast agent for photoacoustic imaging and photothermal therapy. <i>Biomedical Optics Express</i> , <b>2016</b> , 7, 1830-41	3.5	10
59	A retrospective analysis of survival factors of high intensity focused ultrasound (HIFU) treatment for unresectable pancreatic cancer. <i>Discovery Medicine</i> , <b>2016</b> , 21, 435-45	2.5	10
58	Cannabidiol administration reduces sublesional cancellous bone loss in rats with severe spinal cord injury. <i>European Journal of Pharmacology</i> , <b>2017</b> , 809, 13-19	5.3	9
57	Sparse Reconstruction of Fluorescence Molecular Tomography Using Variable Splitting and Alternating Direction Scheme. <i>Molecular Imaging and Biology</i> , <b>2018</b> , 20, 37-46	3.8	9
56	Postreconstruction filtering of 3D PET images by using weighted higher-order singular value decomposition. <i>BioMedical Engineering OnLine</i> , <b>2016</b> , 15, 102	4.1	9
55	Curve-Driven-Based Acoustic Inversion for Photoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2016</b> , 35, 2546-2557	11.7	9
54	High intensity focused ultrasound treatment for patients with advanced pancreatic cancer: a preliminary dosimetric analysis. <i>International Journal of Hyperthermia</i> , <b>2012</b> , 28, 645-52	3.7	9
53	MicroRNA-181 Functions as an Antioncogene and Mediates NF- $\kappa$ B Pathway by Targeting RTKN2 in Ovarian Cancers. <i>Reproductive Sciences</i> , <b>2019</b> , 26, 1071-1081	3	9
52	Reconstruction Method for In Vivo Bioluminescence Tomography Based on the Split Bregman Iterative and Surrogate Functions. <i>Molecular Imaging and Biology</i> , <b>2017</b> , 19, 245-255	3.8	8



51	A gel system for single instillation of non-muscle-invasive bladder Cancer: A "divide-and-rule" strategy. <i>Journal of Controlled Release</i> , <b>2018</b> , 285, 46-55	11.7	8
50	An Innovation for Treating Orthotopic Pancreatic Cancer by Preoperative Screening and Imaging-Guided Surgery. <i>Molecular Imaging and Biology</i> , <b>2019</b> , 21, 67-77	3.8	8
49	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> , <b>2016</b> , 33, 2333-2347	1.8	8
48	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> , <b>2016</b> , 6, 84-90	4.4	8
47	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> , <b>2020</b> , 67, 2023-2032	5	8
46	L Regularization for Bioluminescence Tomography Based on the Split Bregman Method. <i>Molecular Imaging and Biology</i> , <b>2016</b> , 18, 830-837	3.8	8
45	Dynamic Contrast-Enhanced Ultrasound Radiomics for Hepatocellular Carcinoma Recurrence Prediction After Thermal Ablation. <i>Molecular Imaging and Biology</i> , <b>2021</b> , 23, 572-585	3.8	8
44	Development and application of the near-infrared and white-light thoracoscope system for minimally invasive lung cancer surgery. <i>Journal of Biomedical Optics</i> , <b>2017</b> , 22, 66002	3.5	7
43	A rapid extensigraph protocol for measuring dough viscoelasticity and mixing requirement. <i>Journal of Cereal Science</i> , <b>2017</b> , 76, 99-107	3.8	7
42	In vivo three-dimensional evaluation of tumour hypoxia in nasopharyngeal carcinomas using FMT-CT and MSOT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2020</b> , 47, 1027-1038	8.8	7
41	Targeting cancer stem cells by disulfiram and copper sensitizes radioresistant chondrosarcoma to radiation. <i>Cancer Letters</i> , <b>2021</b> , 505, 37-48	9.9	7
40	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> , <b>2020</b> , 28, 102229	6	6
39	Phage Display-Derived Peptide-Based Dual-Modality Imaging Probe for Bladder Cancer Diagnosis and Resection Postinstillation: A Preclinical Study. <i>Molecular Cancer Therapeutics</i> , <b>2018</b> , 17, 2100-2111	6.1	6
38	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> , <b>2020</b> , 9,	4.9	6
37	Improved generative adversarial networks using the total gradient loss for the resolution enhancement of fluorescence images. <i>Biomedical Optics Express</i> , <b>2019</b> , 10, 4742-4756	3.5	5
36	Adaptive Grouping Block Sparse Bayesian Learning Method for Accurate and Robust Reconstruction in Bioluminescence Tomography. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 3388-3398	5	5
35	Nonconvex Laplacian Manifold Joint Method for Morphological Reconstruction of Fluorescence Molecular Tomography. <i>Molecular Imaging and Biology</i> , <b>2021</b> , 23, 394-406	3.8	5
34	Kernel vitreousness and protein content: Relationship, interaction and synergistic effects on durum wheat quality. <i>Journal of Cereal Science</i> , <b>2017</b> , 78, 2-9	3.8	4

33	High expression of erythropoietin-producing hepatoma cell line-B2 (EphB2) predicts the efficiency of the Qingyihuaji formula treatment in pancreatic cancer CFPAC-1 cells through the EphrinB1-EphB2 pathway. <i>Oncology Letters</i> , <b>2014</b> , 8, 17-24	2.6	4
32	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> , <b>2021</b> , 1	8	4
31	Construction of a novel bispecific fusion protein to enhance targeting for pancreatic cancer imaging. <i>Biomaterials</i> , <b>2020</b> , 255, 120161	15.6	3
30	Reconstruction method for fluorescence molecular tomography based on L1-norm primal accelerated proximal gradient. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 23, 1-11	3.5	3
29	Fluorescence Molecular Tomography Based on Group Sparsity Priori for Morphological Reconstruction of Glioma. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2020</b> , 67, 1429-1437	5	3
28	A review of the application of machine learning in molecular imaging. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 825	3.2	3
27	Biodistribution Survey of Oxidized Single-Wall Carbon Nanohorns Following Different Administration Routes by Using Label-Free Multispectral Optoacoustic Tomography. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 9809-9821	7.3	3
26	Novel regularized sparse model for fluorescence molecular tomography reconstruction <b>2017</b> ,		2
25	Developing a high-throughput micromilling protocol for evaluating durum wheat milling performance and semolina quality. <i>Cereal Chemistry</i> , <b>2019</b> , 96, 802-814	2.4	2
24	Effect of rotating partial illumination on image reconstruction for optoacoustic breast tomography <b>2015</b> ,		2
23	Synergistic image reconstruction for hybrid ultrasound and photoacoustic computed tomography <b>2015</b> ,		2
22	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> , <b>2016</b> , 7, 85603-85612	3.3	2
21	Ferritin nanocages for early theranostics of tumors via inflammation-enhanced active targeting. <i>Science China Life Sciences</i> , <b>2021</b> , 1	8.5	2
20	Deep learning radiomics based on contrast-enhanced ultrasound images for assisted diagnosis of pancreatic ductal adenocarcinoma and chronic pancreatitis.. <i>BMC Medicine</i> , <b>2022</b> , 20, 74	11.4	2
19	Boosting Postsurgical Outcomes of Orthotopic Hepatocellular Carcinoma via an EpCAM-Targeting Theranostic Nanoparticle. <i>Particle and Particle Systems Characterization</i> , <b>2019</b> , 36, 1900085	3.1	1
18	Feasibility, effectiveness, and safety of a novel cryo-balloon targeted lung denervation technique in an animal model. <i>Cryobiology</i> , <b>2020</b> , 93, 27-32	2.7	1
17	Fast in vivo bioluminescence tomography using a novel pure optical imaging technique. <i>Journal of Innovative Optical Health Sciences</i> , <b>2017</b> , 10, 1750003	1.2	1
16	In vivobioluminescence tomography based on multi-view projection and 3D surface reconstruction <b>2015</b> ,		1



15	Simultaneous reconstruction of absorbed optical energy density and speed of sound distributions in photoacoustic computed tomography <b>2014</b> ,		1
14	The Role of Imaging in the Detection and Management of COVID-19: A Review		1
13	The first visualization of chemotherapy-induced tumor apoptosis via magnetic particle imaging in a mouse model. <i>Physics in Medicine and Biology</i> , <b>2020</b> , 65, 195004	3.8	1
12	Linear scheme for the direct reconstruction of noncontact time-domain fluorescence molecular lifetime tomography. <i>Applied Optics</i> , <b>2020</b> , 59, 7961-7967	1.7	1
11	Ultrasound-guided percutaneous microwave ablation of adenomyosis: a narrative review. <i>Annals of Palliative Medicine</i> , <b>2021</b> , 10, 12003-12011	1.7	1
10	Comparing radiomics models with different inputs for accurate diagnosis of significant fibrosis in chronic liver disease. <i>European Radiology</i> , <b>2021</b> , 31, 8743-8754	8	1
9	AI in spotting high-risk characteristics of medical imaging and molecular pathology. <i>Precision Clinical Medicine</i> , <b>2021</b> , 4, 271-286	6.7	1
8	Adaptive brightness fusion method for intraoperative near-infrared fluorescence and visible images.. <i>Biomedical Optics Express</i> , <b>2022</b> , 13, 1243-1260	3.5	0
7	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> , <b>2022</b> , 12, 772770	5.3	0
6	A novel co-targeting strategy of EGFR/SEC61G for multi-modality fluorescence/MR/photoacoustic imaging of glioblastoma.. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2021</b> , 102509	6	0
5	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> , <b>2021</b> , 1	8.8	0
4	Application of machine learning method in optical molecular imaging: a review. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	0
3	Application of deep learning to predict underestimation in ductal carcinoma in situ of the breast with ultrasound. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 295	3.2	0
2	Retrospective study of the ultrasound characteristics of the tibial nerve in patients with type 2 diabetic peripheral neuropathy. <i>Annals of Palliative Medicine</i> , <b>2021</b> , 10, 8787-8796	1.7	0
1	Regulatory Effects of Nur77 on Airway Remodeling and ASMC Proliferation in House Dust Mite-Induced Asthma. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 1-14	6.7	