

# Jie Tian

## List of Publications by Year in Descending Order

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

982  
papers

28,005  
citations

79  
h-index

120  
g-index

1,123  
ext. papers

36,689  
ext. citations

6  
avg, IF

7.45  
L-index

#	Paper	IF	Citations
982	Application of Noninvasive Imaging to Combined Immune Checkpoint Inhibitors for Breast Cancer: Facts and Future.. <i>Molecular Imaging and Biology</i> , <b>2022</b> , 1	3.8	0
981	Biomimetic manganese-eumelanin nanocomposites for combined hyperthermia-immunotherapy against prostate cancer.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 48	9.4	2
980	Development and validation of a radiopathomics model to predict pathological complete response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer: a multicentre observational study.. <i>The Lancet Digital Health</i> , <b>2022</b> , 4, e8-e17	14.4	3
979	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
978	Indexing-Min-Max Hashing: Relaxing the Security-Performance Tradeoff for Cancelable Fingerprint Templates. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-12	7.3	0
977	Deep learning-based AI model for signet-ring cell carcinoma diagnosis and chemotherapy response prediction in gastric cancer.. <i>Medical Physics</i> , <b>2022</b> ,	4.4	1
976	Elimination of stripe artifacts in light sheet fluorescence microscopy using an attention-based residual neural network.. <i>Biomedical Optics Express</i> , <b>2022</b> , 13, 1292-1311	3.5	1
975	Quality in MR reporting (include improvements in acquisition using AI).. <i>British Journal of Radiology</i> , <b>2022</b> , 20210816	3.4	0
974	The potential of prostate gland radiomic features in identifying the Gleason score.. <i>Computers in Biology and Medicine</i> , <b>2022</b> , 144, 105318	7	1
973	A deep learning radiomics analysis for identifying sinus invasion in patients with meningioma before operation using tumor and peritumoral regions.. <i>European Journal of Radiology</i> , <b>2022</b> , 149, 110187	4.7	0
972	Development of a deep learning-based method to diagnose pulmonary ground-glass nodules by sequential computed tomography imaging.. <i>Thoracic Cancer</i> , <b>2022</b> ,	3.2	1
971	Circular RNA circFGFR1 Functions as an Oncogene in Glioblastoma Cells through Sponging to hsa-miR-224-5p.. <i>Journal of Immunology Research</i> , <b>2022</b> , 2022, 7990251	4.5	0
970	Efficacy of Near-Infrared Fluorescence-Guided Hepatectomy for the Detection of Colorectal Liver Metastases: A Randomized Controlled Trial.. <i>Journal of the American College of Surgeons</i> , <b>2022</b> , 234, 1304-1317	4.4	3
969	Apoptotic cells derived micro/nano-sized extracellular vesicles in tissue regeneration. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 1193-1208	6.3	0
968	Apoptotic cell-derived micro/nanosized extracellular vesicles in tissue regeneration. <i>Nanotechnology Reviews</i> , <b>2022</b> , 11, 957-972	6.3	0
967	A clinical study of a CD44v6-targeted fluorescent agent for the detection of non-muscle invasive bladder cancer.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	2
966	ZNF655 Promotes the Progression of Glioma Through Transcriptional Regulation of AURKA.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 770013	5.3	0

965	Peripheral Neutrophils-Derived Matrix Metalloproteinase-9 Induces Postoperative Cognitive Dysfunction in Aged Mice.. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14, 683295	5.3	1
964	An artificial intelligence method to assess the tumor microenvironment with treatment outcomes for gastric cancer patients after gastrectomy.. <i>Journal of Translational Medicine</i> , <b>2022</b> , 20, 100	8.5	1
963	Glioma survival prediction from whole-brain MRI without tumor segmentation using deep attention network: a multicenter study.. <i>European Radiology</i> , <b>2022</b> , 1	8	1
962	Intraoperative fluorescence molecular imaging accelerates the coming of precision surgery in China.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	1
961	Quantitative hypoxia mapping using a self-calibrated activatable nanoprobe.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 142	9.4	
960	An imaging-based artificial intelligence model for non-invasive grading of hepatic venous pressure gradient in cirrhotic portal hypertension.. <i>Cell Reports Medicine</i> , <b>2022</b> , 3, 100563	18	0
959	Targeted-detection and sequential-treatment of small hepatocellular carcinoma in the complex liver environment by GPC-3-targeted nanoparticles.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 156	9.4	2
958	Novel multifunctional NIR-II aggregation-induced emission nanoparticles-assisted intraoperative identification and elimination of residual tumor.. <i>Journal of Nanobiotechnology</i> , <b>2022</b> , 20, 143	9.4	2
957	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
956	Intraoperative near-infrared fluorescence imaging can identify pelvic nerves in patients with cervical cancer in real time during radical hysterectomy.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	1
955	Non-invasively predicting response to neoadjuvant chemotherapy in gastric cancer via deep learning radiomics.. <i>EclinicalMedicine</i> , <b>2022</b> , 46, 101380	11.3	1
954	Pan-Cancer Analysis Shows That ALKBH5 Is a Potential Prognostic and Immunotherapeutic Biomarker for Multiple Cancer Types Including Gliomas.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 849592	8.4	3
953	Recent progress of collagen, chitosan, alginate and other hydrogels in skin repair and wound dressing applications.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> ,	7.9	8
952	Nanochemistry advancing photon conversion in rare-earth nanostructures for theranostics. <i>Coordination Chemistry Reviews</i> , <b>2022</b> , 460, 214486	23.2	2
951	Optically Selective Neuron Stimulation with a Wavefront Shaping-Empowered Multimode Fiber. <i>Advanced Photonics Research</i> , <b>2022</b> , 3, 2100231	1.9	1
950	Deep learning signatures reveal multiscale intratumor heterogeneity associated with biological functions and survival in recurrent nasopharyngeal carcinoma.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2022</b> , 1	8.8	0
949	Deep learning for predicting immunotherapeutic efficacy in advanced non-small cell lung cancer patients: a retrospective study combining progression-free survival risk and overall survival risk.. <i>Translational Lung Cancer Research</i> , <b>2022</b> , 11, 670-685	4.4	0
948	Optimization of ODAP-Urea-based dual-modality PSMA targeting probes for sequential PET-CT and optical imaging.. <i>Bioorganic and Medicinal Chemistry</i> , <b>2022</b> , 66, 116810	3.4	

947	Optical magnetic multimodality imaging of plectin-1-targeted imaging agent for the precise detection of orthotopic pancreatic ductal adenocarcinoma in mice.. <i>EBioMedicine</i> , <b>2022</b> , 80, 104040	8.8	0
946	Neural mechanisms underlying the processing of emotional stimuli in individuals with depression: An ALE meta-analysis study.. <i>Psychiatry Research</i> , <b>2022</b> , 313, 114598	9.9	1
945	A Novel Deep Learning Framework Based Mask-Guided Attention Mechanism for Distant Metastasis Prediction of Lung Cancer. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2022</b> , 1-12	4.1	1
944	Deep learning with whole slide images can improve the prognostic risk stratification with stage III colorectal cancer. <i>Computer Methods and Programs in Biomedicine</i> , <b>2022</b> , 221, 106914	6.9	1
943	MRI radiomics in overall survival prediction of local advanced cervical cancer patients treated by adjuvant chemotherapy following concurrent chemoradiotherapy or concurrent chemoradiotherapy alone. <i>Magnetic Resonance Imaging</i> , <b>2022</b> , 91, 81-90	3.3	0
942	Cross-Phase Adversarial Domain Adaptation for Deep Disease-free Survival Prediction with Gastric Cancer CT Images. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2021</b> , 2021-2501-2504	0.9	
941	Radiomics and Qualitative Features From Multiparametric MRI Predict Molecular Subtypes in Patients With Lower-Grade Glioma.. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 756828	5.3	1
940	Attention mechanism-based locally connected network for accurate and stable reconstruction in Cerenkov luminescence tomography.. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 7703-7716	3.5	2
939	Successful application of ICG fluorescence imaging technology in rectal neuroendocrine tumor liver metastasisS. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 37, 102653	3.5	1
938	Near-infrared window II fluorescence image-guided surgery of high-grade gliomas prolongs the progression-free survival of patients. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , PP,	5	3
937	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
936	A two-center radiomic analysis for differentiating major depressive disorder using multi-modality MRI data under different parcellation methods.. <i>Journal of Affective Disorders</i> , <b>2021</b> , 300, 1-9	6.6	2
935	The Next-Level Precision Medicine in Cancer Management Using Artificial Intelligence. <i>Chinese Medical Sciences Journal</i> , <b>2021</b> , 36, 171-172	1.3	
934	Image-to-Images Translation for Multiple Virtual Histological Staining of Unlabeled Human Carotid Atherosclerotic Tissue. <i>Molecular Imaging and Biology</i> , <b>2021</b> , 24, 31	3.8	0
933	fluorescence molecular imaging of the vascular endothelial growth factor in rats with early diabetic retinopathy. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 7185-7198	3.5	1
932	Intraoperative near-infrared II window fluorescence imaging-assisted nephron-sparing surgery for complete resection of cystic renal masses. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e604	5.7	2
931	CT-based radiomics to predict development of macrovascular invasion in hepatocellular carcinoma: A multicenter study. <i>Hepatobiliary and Pancreatic Diseases International</i> , <b>2021</b> ,	2.1	1
930	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

929	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
928	Multi-Omics and Its Clinical Application in Hepatocellular Carcinoma: Current Progress and Future Opportunities. <i>Chinese Medical Sciences Journal</i> , <b>2021</b> , 36, 173-186	1.3	
927	Detection of the common bile duct in difficult bile duct exploration using indocyanine green fluorescence imaging: A case report. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 36, 102610	3.5	1
926	Modified Use of Costal Cartilage in Asians for the Correction of Nostril Asymmetry in Unilateral Secondary Cleft Lip Nasal Deformity. <i>Annals of Plastic Surgery</i> , <b>2021</b> , 86, 175-181	1.7	2
925	Integrating No.3 lymph nodes and primary tumor radiomics to predict lymph node metastasis in T1-2 gastric cancer. <i>BMC Medical Imaging</i> , <b>2021</b> , 21, 58	2.9	0
924	Cardiovascular magnetic resonance-determined left ventricular myocardium impairment is associated with C-reactive protein and ST2 in patients with paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 30	6.9	2
923	Targeted Luminescent Probes for Precise Upconversion/NIR II Luminescence Diagnosis of Lung Adenocarcinoma. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4984-4992	7.8	11
922	Smart Self-Assembly Amphiphilic Cyclopeptide-Dye for Near-Infrared Window-II Imaging. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006902	24	24
921	Exploring the predictive value of additional peritumoral regions based on deep learning and radiomics: A multicenter study. <i>Medical Physics</i> , <b>2021</b> , 48, 2374-2385	4.4	5
920	The gray matter volume in superior frontal gyrus mediates the impact of reflection on emotion in Internet gaming addicts. <i>Psychiatry Research - Neuroimaging</i> , <b>2021</b> , 310, 111269	2.9	3
919	Mixed Metal Metal-Organic Frameworks Derived Carbon Supporting ZnFeO/C for High-Performance Magnetic Particle Imaging. <i>Nano Letters</i> , <b>2021</b> , 21, 2730-2737	11.5	14
918	Advances of Regulatory B Cells in Autoimmune Diseases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 592914	8.4	2
917	Real-time intraoperative glioma diagnosis using fluorescence imaging and deep convolutional neural networks. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 3482-3492	8.8	2
916	ImmunoAIzer: A Deep Learning-Based Computational Framework to Characterize Cell Distribution and Gene Mutation in Tumor Microenvironment. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
915	One-Dimensional Superlattice Heterostructure Library. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 7013-7020	16.4	6
914	Amphiphilic Cyclopeptide-Dyes: Smart Self-Assembly Amphiphilic Cyclopeptide-Dye for Near-Infrared Window-II Imaging (Adv. Mater. 16/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170121	24	
913	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
912	Neuroimaging Phenotyping and Assessment of Structural-Metabolic-Electrophysiological Alterations in the Temporal Neocortex of Focal Cortical Dysplasia IIIa. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> , 54, 925-935	5.6	0

911	Revealing Quasi-1D Volume Expansion in Na-/K-Ion Battery Anodes: A Case Study of Sb <sub>2</sub> O <sub>3</sub> Microbelts. <i>CCS Chemistry</i> , <b>2021</b> , 3, 1306-1315	7.2	7
910	A Novel Adaptive Parameter Search Elastic Net Method for Fluorescent Molecular Tomography. <i>IEEE Transactions on Medical Imaging</i> , <b>2021</b> , 40, 1484-1498	11.7	5
909	Intraoperative molecular imaging clinical trials: a review of 2020 conference proceedings. <i>Journal of Biomedical Optics</i> , <b>2021</b> , 26,	3.5	4
908	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
907	Visualizing Tumors in Real Time: A Highly Sensitive PSMA Probe for NIR-II Imaging and Intraoperative Tumor Resection. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 7735-7745	8.3	2
906	The kappa opioid receptor may be a potential tumor suppressor by regulating angiogenesis in breast cancer. <i>Medical Hypotheses</i> , <b>2021</b> , 150, 110568	3.8	0
905	Prediction of Microvascular Invasion in Hepatocellular Carcinoma via Deep Learning: A Multi-Center and Prospective Validation Study. <i>Cancers</i> , <b>2021</b> , 13,	6.6	9
904	Neural Network-Based Retinal Nerve Fiber Layer Profile Compensation for Glaucoma Diagnosis in Myopia: Model Development and Validation. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e22664	3.6	1
903	Depth-recognizable time-domain fluorescence molecular tomography in reflective geometry. <i>Biomedical Optics Express</i> , <b>2021</b> , 12, 3806-3818	3.5	0
902	In vivo multifunctional fluorescence imaging using liposome-coated lanthanide nanoparticles in near-infrared-II/IIa/IIb windows. <i>Nano Today</i> , <b>2021</b> , 38, 101120	17.9	14
901	Non-invasive measurement of PD-L1 status and prediction of immunotherapy response using deep learning of PET/CT images <b>2021</b> , 9,		14
900	Preliminary application of indocyanine green fluorescence imaging in postoperative gastrointestinal fistula. <i>Photodiagnosis and Photodynamic Therapy</i> , <b>2021</b> , 34, 102336	3.5	
899	Deep Learning with Quantitative Features of Magnetic Resonance Images to Predict Biochemical Recurrence of Radical Prostatectomy: A Multi-Center Study. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
898	Quantitative MRI-based radiomics for noninvasively predicting molecular subtypes and survival in glioma patients. <i>Npj Precision Oncology</i> , <b>2021</b> , 5, 72	9.8	5
897	3D Deep Learning Model for the Pretreatment Evaluation of Treatment Response in Esophageal Carcinoma: A Prospective Study (ChiCTR2000039279). <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 111, 926-935	4	0
896	Radiopharmaceutical and Eu doped gadolinium oxide nanoparticles mediated triple-excited fluorescence imaging and image-guided surgery. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 212	9.4	2
895	Deep learning radiomics-based prediction of distant metastasis in patients with locally advanced rectal cancer after neoadjuvant chemoradiotherapy: A multicentre study. <i>EBioMedicine</i> , <b>2021</b> , 69, 103442	8.8	7
894	A Deep Learning Radiomics Model to Identify Poor Outcome in COVID-19 Patients With Underlying Health Conditions: A Multicenter Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 2353-2362	7.2	6

893	Providing a new perspective for obtaining high-quality metal coatings: fabrication and properties studies of TA2 foil on Q235 steel by explosive welding. <i>Archives of Civil and Mechanical Engineering</i> , <b>2021</b> , 21, 1	3.4	0
892	The active sites of Cu-ZnO catalysts for water gas shift and CO hydrogenation reactions. <i>Nature Communications</i> , <b>2021</b> , 12, 4331	17.4	20
891	Intrinsic Room-Temperature Ferromagnetism in VC MXene Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 33363-33370	9.5	5
890	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
889	2D and 3D CT Radiomic Features Performance Comparison in Characterization of Gastric Cancer: A Multi-Center Study. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 755-763	7.2	31
888	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
887	Identifying early gastric cancer under magnifying narrow-band images with deep learning: a multicenter study. <i>Gastrointestinal Endoscopy</i> , <b>2021</b> , 93, 1333-1341.e3	5.2	17
886	Highly sensitive magnetic particle imaging of vulnerable atherosclerotic plaque with active myeloperoxidase-targeted nanoparticles. <i>Theranostics</i> , <b>2021</b> , 11, 506-521	12.1	21
885	Deep learning algorithm to improve hypertrophic cardiomyopathy mutation prediction using cardiac cine images. <i>European Radiology</i> , <b>2021</b> , 31, 3931-3940	8	7
884	Integration of TaO with BiS for Targeted Multimodality Breast Cancer Theranostics. <i>Bioconjugate Chemistry</i> , <b>2021</b> , 32, 161-171	6.3	3
883	Deep learning-based radiomics predicts response to chemotherapy in colorectal liver metastases. <i>Medical Physics</i> , <b>2021</b> , 48, 513-522	4.4	9
882	Resection and survival data from a clinical trial of glioblastoma multiforme-specific IRDye800-BBN fluorescence-guided surgery. <i>Bioengineering and Translational Medicine</i> , <b>2021</b> , 6, e10182	14.8	7
881	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
880	Facile PEG-based isolation and classification of cancer extracellular vesicles and particles with label-free surface-enhanced Raman scattering and pattern recognition algorithm. <i>Analyst</i> , <b>2021</b> , 146, 1949-1955	5	3
879	Key technologies and software platforms for radiomics <b>2021</b> , 19-98		
878	Machine learning classifiers for predicting 3-year progression-free survival and overall survival in patients with gliomas after surgery. <i>Journal of Cancer</i> , <b>2021</b> , 12, 1604-1615	4.5	1
877	A narrative review of near-infrared fluorescence imaging in hepatectomy for hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 171	3.2	6
876	Principles and Practice of Intraoperative Fluorescence Imaging <b>2021</b> , 143-152		

875	Heat transfer characteristics of gravelly soils with different compactness during unidirectional freezing process. <i>Heat and Mass Transfer</i> , <b>2021</b> , 57, 1161	2.2	0
874	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
873	Patient-Level Prediction of Multi-Classification Task at Prostate MRI Based on End-to-End Framework Learning From Diagnostic Logic of Radiologists. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 3690-3700	5	1
872	Mix Contrast for COVID-19 Mild-to-Critical Prediction. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2021</b> , 68, 3725-3736	5	1
871	Treatment evaluation and prognosis prediction using radiomics in clinical practice <b>2021</b> , 175-264		
870	Precision diagnosis based on radiomics <b>2021</b> , 99-174		
869	Multi-Focus Network to Decode Imaging Phenotype for Overall Survival Prediction of Gastric Cancer Patients. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 3933-3942	7.2	2
868	Successive treatment with naltrexone induces epithelial-mesenchymal transition and facilitates the malignant biological behaviors of bladder cancer cells. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2021</b> , 53, 238-248	2.8	2
867	Summary and prospects <b>2021</b> , 265-281		
866	The effect of endothelial progenitor cell transplantation on neointimal hyperplasia and reendothelialisation after balloon catheter injury in rat carotid arteries. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 99	8.3	8
865	High-Resolution pO <sub>2</sub> Imaging Improves Quantification of the Hypoxic Fraction in Tumors During Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 109, 603-613	4	6
864	Liposome trade-off strategy in mitochondria-targeted NIR-cyanine: balancing blood circulation and cell retention for enhanced anti-tumor phototherapy in vivo. <i>Nano Research</i> , <b>2021</b> , 14, 2432	10	6
863	Application of Near-Infrared Fluorescence Imaging Technology in Liver Cancer Surgery. <i>Surgical Innovation</i> , <b>2021</b> , 1553350621997777	2	2
862	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
861	Quantification of myocardial deformation in patients with Fabry disease by cardiovascular magnetic resonance feature tracking imaging. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2021</b> , 11, 91-101	2.6	1
860	Myocardial Deformation Assessed by MR Feature Tracking in Groups of Patients With Ischemic Heart Disease. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> , 54, 808-815	5.6	2
859	Boosting photoelectrochemical efficiency by near-infrared-active lattice-matched morphological heterojunctions. <i>Nature Communications</i> , <b>2021</b> , 12, 4296	17.4	4
858	A model based on clinico-biochemical characteristics and deep learning features from MR images for assessing necroinflammatory activity in chronic hepatitis B. <i>Journal of Viral Hepatitis</i> , <b>2021</b> , 28, 1656-1659	3.4	0



857	Gene signatures predict biochemical recurrence-free survival in primary prostate cancer patients after radical therapy. <i>Cancer Medicine</i> , <b>2021</b> , 10, 6492-6502	4.8	1
856	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
855	Computed tomography-based radiomic model at node level for the prediction of normal-sized lymph node metastasis in cervical cancer. <i>Translational Oncology</i> , <b>2021</b> , 14, 101113	4.9	4
854	A deep learning-based radiomic nomogram for prognosis and treatment decision in advanced nasopharyngeal carcinoma: A multicentre study. <i>EBioMedicine</i> , <b>2021</b> , 70, 103522	8.8	7
853	Specific Borrmann classification in advanced gastric cancer by an ensemble multilayer perceptron network: a multicenter research. <i>Medical Physics</i> , <b>2021</b> , 48, 5017-5028	4.4	1
852	A phosphorescent probe for in vivo imaging in the second near-infrared window. <i>Nature Biomedical Engineering</i> , <b>2021</b> ,	19	9
851	Preparation of cellulose-based fluorescent materials as coating pigment by use of DMSO/DBU/CO <sub>2</sub> system. <i>Cellulose</i> , <b>2021</b> , 28, 10373	5.5	1
850	Deep Learning-Based Prediction of Future Extrahepatic Metastasis and Macrovascular Invasion in Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , <b>2021</b> , 8, 1065-1076	5.3	0
849	Radiomics diagnosed histopathological growth pattern in prediction of response and 1-year progression free survival for colorectal liver metastases patients treated with bevacizumab containing chemotherapy. <i>European Journal of Radiology</i> , <b>2021</b> , 142, 109863	4.7	2
848	Effects of Mesenchymal Stem Cell-Derived Exosomes on Autoimmune Diseases. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 749192	8.4	10
847	Drug preconcentration and direct quantification in biofluids using 3D-Printed paper cartridge. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 189, 113266	11.8	3
846	Deep learning features from diffusion tensor imaging improve glioma stratification and identify risk groups with distinct molecular pathway activities. <i>EBioMedicine</i> , <b>2021</b> , 72, 103583	8.8	5
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7 <sup>13</sup>	River meander-inspired cross-section in 3D-printed helical microchannels for inertial focusing and enrichment. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 301, 127125	8.5	8
7 <sup>12</sup>	Identification of HDAC9 as a viable therapeutic target for the treatment of gastric cancer. <i>Experimental and Molecular Medicine</i> , <b>2019</b> , 51, 1-15	12.8	20
7 <sup>11</sup>	G-MDSC-derived exosomes attenuate collagen-induced arthritis by impairing Th1 and Th17 cell responses. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 165540	6.9	23
7 <sup>10</sup>	Intron Retained Bioluminescence Reporter for Real-Time Imaging of Pre-mRNA Splicing in Living Subjects. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12392-12398	7.8	4
7 <sup>09</sup>	Degradable magnetic-response photoacoustic/up-conversion luminescence imaging-guided photodynamic/photothermal antitumor therapy. <i>Biomaterials Science</i> , <b>2019</b> , 7, 4558-4567	7.4	11
7 <sup>08</sup>	Metformin inhibits the function of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 120, 109458	7.5	20
7 <sup>07</sup>	Computed Tomography Radiomic Nomogram for Preoperative Prediction of Extrathyroidal Extension in Papillary Thyroid Carcinoma. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 829	5.3	7
7 <sup>06</sup>	Neuroblastoma-targeting triangular gadolinium oxide nanoplates for precise excision of cancer. <i>Acta Biomaterialia</i> , <b>2019</b> , 87, 223-234	10.8	8
7 <sup>05</sup>	Quantitative analysis of diffusion weighted imaging to predict pathological good response to neoadjuvant chemoradiation for locally advanced rectal cancer. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 132, 100-108	5.3	20
7 <sup>04</sup>	Emission Characteristics of Primary Brown Carbon Absorption From Biomass and Coal Burning: Development of an Optical Emission Inventory for China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 1879	4.4	22
7 <sup>03</sup>	Neoadjuvant nano-photothermal therapy used before operation effectively assists in surgery for breast cancer. <i>Nanoscale</i> , <b>2019</b> , 11, 706-716	7.7	7
7 <sup>02</sup>	Radiomic nomogram for prediction of axillary lymph node metastasis in breast cancer. <i>European Radiology</i> , <b>2019</b> , 29, 3820-3829	8	73
7 <sup>01</sup>	A Radiomics Nomogram for Preoperative Prediction of Microvascular Invasion in Hepatocellular Carcinoma. <i>Liver Cancer</i> , <b>2019</b> , 8, 373-386	9.1	78
7 <sup>00</sup>	Site-Resolved Cu O Catalysis in the Oxidation of CO. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 4276-4280	16.4	53
6 <sup>99</sup>	Pretreatment prediction of immunoscore in hepatocellular cancer: a radiomics-based clinical model based on Gd-EOB-DTPA-enhanced MRI imaging. <i>European Radiology</i> , <b>2019</b> , 29, 4177-4187	8	53
6 <sup>98</sup>	Site-Resolved Cu <sub>2</sub> O Catalysis in the Oxidation of CO. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 4320-4324	3.6	12
6 <sup>97</sup>	Hypoxia-active nanoparticles used in tumor theranostic. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 3705-3722	7.3	32
6 <sup>96</sup>	CT radiomics may predict the grade of pancreatic neuroendocrine tumors: a multicenter study. <i>European Radiology</i> , <b>2019</b> , 29, 6880-6890	8	51

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693	Artificial intelligence advanced imaging report standardization and intra-interdisciplinary clinical workflow. <i>EBioMedicine</i> , <b>2019</b> , 44, 4-5	8.8	2
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626	Predicting histopathological findings of gastric cancer via deep generalized multi-instance learning <b>2019</b> ,		2
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