

Jie Tian

List of Publications by Year in descending order

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Version: 2024-02-01

1,091
papers

44,111
citations

3149

92
h-index

8138

148
g-index

1123
all docs

1123
docs citations

1123
times ranked

38697
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of a Radiomics Nomogram for Preoperative Prediction of Lymph Node Metastasis in Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 2157-2164.	0.8	1,385
2	First-in-human liver-tumour surgery guided by multispectral fluorescence imaging in the visible and near-infrared-I/II windows. <i>Nature Biomedical Engineering</i> , 2020, 4, 259-271.	11.6	622
3	Radiomics Signature: A Potential Biomarker for the Prediction of Disease-Free Survival in Early-Stage (I) Tj ETQq1 1 0.784314 3.6 592 /Over	3.6	592
4	The Applications of Radiomics in Precision Diagnosis and Treatment of Oncology: Opportunities and Challenges. <i>Theranostics</i> , 2019, 9, 1303-1322.	4.6	554
5	DNA Origami as an <i>In Vivo</i> Drug Delivery Vehicle for Cancer Therapy. <i>ACS Nano</i> , 2014, 8, 6633-6643.	7.3	534
6	Multi-crop Convolutional Neural Networks for lung nodule malignancy suspiciousness classification. <i>Pattern Recognition</i> , 2017, 61, 663-673.	5.1	460
7	Radiomics Features of Multiparametric MRI as Novel Prognostic Factors in Advanced Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2017, 23, 4259-4269.	3.2	420
8	Radiomics Analysis for Evaluation of Pathological Complete Response to Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 7253-7262.	3.2	410
9	A fully automatic deep learning system for COVID-19 diagnostic and prognostic analysis. <i>European Respiratory Journal</i> , 2020, 56, 2000775.	3.1	395
10	Central focused convolutional neural networks: Developing a data-driven model for lung nodule segmentation. <i>Medical Image Analysis</i> , 2017, 40, 172-183.	7.0	352
11	Multi-scale Convolutional Neural Networks for Lung Nodule Classification. <i>Lecture Notes in Computer Science</i> , 2015, 24, 588-599.	1.0	335
12	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
13	Intraoperative Imaging-Guided Cancer Surgery: From Current Fluorescence Molecular Imaging Methods to Future Multi-Modality Imaging Technology. <i>Theranostics</i> , 2014, 4, 1072-1084.	4.6	301
14	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
15	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
16	Arginine-Rich Manganese Silicate Nanobubbles as a Ferroptosis-Inducing Agent for Tumor-Targeted Theranostics. <i>ACS Nano</i> , 2018, 12, 12380-12392.	7.3	292
17	Microstructure Abnormalities in Adolescents with Internet Addiction Disorder. <i>PLoS ONE</i> , 2011, 6, e20708.	1.1	290
18	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

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19	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
20	Reversibly Switching Bilayer Permeability and Release Modules of Photochromic Polymersomes Stabilized by Cooperative Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 15262-15275.	6.6	245
21	Controllable synthesis of dual-MOFs nanostructures for pH-responsive artemisinin delivery, magnetic resonance and optical dual-modal imaging-guided chemo/photothermal combinational cancer therapy. <i>Biomaterials</i> , 2016, 100, 27-40.	5.7	245
22	A Partial Intensity Invariant Feature Descriptor for Multimodal Retinal Image Registration. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1707-1718.	2.5	240
23	Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , 2018, 12, 4105-4115.	7.3	239
24	Prognostic Value of Deep Learning PET/CT-Based Radiomics: Potential Role for Future Individual Induction Chemotherapy in Advanced Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 4271-4279.	3.2	234
25	Glypican-3: A promising biomarker for hepatocellular carcinoma diagnosis and treatment. <i>Medicinal Research Reviews</i> , 2018, 38, 741-767.	5.0	226
26	Radiomic machine-learning classifiers for prognostic biomarkers of advanced nasopharyngeal carcinoma. <i>Cancer Letters</i> , 2017, 403, 21-27.	3.2	211
27	Frame difference energy image for gait recognition with incomplete silhouettes. <i>Pattern Recognition Letters</i> , 2009, 30, 977-984.	2.6	202
28	A Radiomics Nomogram for Preoperative Prediction of Microvascular Invasion in Hepatocellular Carcinoma. <i>Liver Cancer</i> , 2019, 8, 373-386.	4.2	201
29	Deep learning-based multi-view fusion model for screening 2019 novel coronavirus pneumonia: A multicentre study. <i>European Journal of Radiology</i> , 2020, 128, 109041.	1.2	201
30	DNA-Nanostructure-Gold-Nanorod Hybrids for Enhanced In Vivo Optoacoustic Imaging and Photothermal Therapy. <i>Advanced Materials</i> , 2016, 28, 10000-10007.	11.1	185
31	Grading of Gliomas by Using Monoexponential, Biexponential, and Stretched Exponential Diffusion-weighted MR Imaging and Diffusion Kurtosis MR Imaging. <i>Radiology</i> , 2016, 278, 496-504.	3.6	184
32	Seeing Jesus in toast: Neural and behavioral correlates of face pareidolia. <i>Cortex</i> , 2014, 53, 60-77.	1.1	183
33	Core-Shell Gold Nanorod@Metal-Organic Framework Nanoprobes for Multimodality Diagnosis of Glioma. <i>Advanced Materials</i> , 2017, 29, 1604381.	11.1	177
34	Can CT-based radiomics signature predict KRAS/NRAS/BRAF mutations in colorectal cancer?. <i>European Radiology</i> , 2018, 28, 2058-2067.	2.3	177
35	Optimization and Design of Magnetic Ferrite Nanoparticles with Uniform Tumor Distribution for Highly Sensitive MRI/MPI Performance and Improved Magnetic Hyperthermia Therapy. <i>Nano Letters</i> , 2019, 19, 3618-3626.	4.5	176
36	Effect of surface properties on liposomal siRNA delivery. <i>Biomaterials</i> , 2016, 79, 56-68.	5.7	175

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37	Dysfunctional connectivity patterns in chronic heroin users: An fMRI study. <i>Neuroscience Letters</i> , 2009, 460, 72-77.	1.0	174
38	A multilevel adaptive finite element algorithm for bioluminescence tomography. <i>Optics Express</i> , 2006, 14, 8211.	1.7	172
39	Intrinsic Brain Network Abnormalities in Migraines without Aura Revealed in Resting-State fMRI. <i>PLoS ONE</i> , 2012, 7, e52927.	1.1	165
40	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. <i>ACS Nano</i> , 2019, 13, 8811-8825.	7.3	165
41	Cortical Thickness Abnormalities in Late Adolescence with Online Gaming Addiction. <i>PLoS ONE</i> , 2013, 8, e53055.	1.1	165
42	Preoperative radiomics nomogram for microvascular invasion prediction in hepatocellular carcinoma using contrast-enhanced CT. <i>European Radiology</i> , 2019, 29, 3595-3605.	2.3	162
43	Radiomic signature as a diagnostic factor for histologic subtype classification of non-small cell lung cancer. <i>European Radiology</i> , 2018, 28, 2772-2778.	2.3	160
44	GPU-based Monte Carlo simulation for light propagation in complex heterogeneous tissues. <i>Optics Express</i> , 2010, 18, 6811.	1.7	158
45	Structural and functional abnormalities in migraine patients without aura. <i>NMR in Biomedicine</i> , 2013, 26, 58-64.	1.6	157
46	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
47	Non-invasive decision support for NSCLC treatment using PET/CT radiomics. <i>Nature Communications</i> , 2020, 11, 5228.	5.8	149
48	Automatic Liver Segmentation Based on Shape Constraints and Deformable Graph Cut in CT Images. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 5315-5329.	6.0	146
49	The development and validation of a CT-based radiomics signature for the preoperative discrimination of stage I-II and stage III-IV colorectal cancer. <i>Oncotarget</i> , 2016, 7, 31401-31412.	0.8	144
50	An alignment-free fingerprint cryptosystem based on fuzzy vault scheme. <i>Journal of Network and Computer Applications</i> , 2010, 33, 207-220.	5.8	139
51	Automated delineation of lung tumors from CT images using a single click ensemble segmentation approach. <i>Pattern Recognition</i> , 2013, 46, 692-702.	5.1	138
52	Core brain networks interactions and cognitive control in internet gaming disorder individuals in late adolescence/early adulthood. <i>Brain Structure and Function</i> , 2016, 221, 1427-1442.	1.2	137
53	Radiomic nomogram for prediction of axillary lymph node metastasis in breast cancer. <i>European Radiology</i> , 2019, 29, 3820-3829.	2.3	136
54	Recent progress of collagen, chitosan, alginate and other hydrogels in skin repair and wound dressing applications. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 400-408.	3.6	134

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55	<i>In Situ</i> Growth Strategy to Integrate Up-Conversion Nanoparticles with Ultrasmall CuS for Photothermal Theranostics. <i>ACS Nano</i> , 2017, 11, 1064-1072.	7.3	132
56	Automatic Liver Segmentation Using a Statistical Shape Model With Optimal Surface Detection. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 2622-2626.	2.5	130
57	Altered topological patterns of brain networks in mild cognitive impairment and Alzheimer's disease: A resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2012, 202, 118-125.	0.9	130
58	2D and 3D CT Radiomics Features Prognostic Performance Comparison in Non-Small Cell Lung Cancer. <i>Translational Oncology</i> , 2017, 10, 886-894.	1.7	130
59	Ultrasound-based radiomics score: a potential biomarker for the prediction of microvascular invasion in hepatocellular carcinoma. <i>European Radiology</i> , 2019, 29, 2890-2901.	2.3	130
60	Encapsulating tantalum oxide into polypyrrole nanoparticles for X-ray CT/photoacoustic bimodal imaging-guided photothermal ablation of cancer. <i>Biomaterials</i> , 2014, 35, 5795-5804.	5.7	129
61	Image enhancement and minutiae matching in fingerprint verification. <i>Pattern Recognition Letters</i> , 2003, 24, 1349-1360.	2.6	128
62	A mouse optical simulation environment (MOSE) to investigate bioluminescent phenomena in the living mouse with the monte carlo method. <i>Academic Radiology</i> , 2004, 11, 1029-1038.	1.3	126
63	fMRI Connectivity Analysis of Acupuncture Effects on an Amygdala-Associated Brain Network. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-55.	1.0	122
64	Obesity: Pathophysiology and Intervention. <i>Nutrients</i> , 2014, 6, 5153-5183.	1.7	120
65	Frontostriatal circuits, resting state functional connectivity and cognitive control in internet gaming disorder. <i>Addiction Biology</i> , 2017, 22, 813-822.	1.4	120
66	Lattice Strain Induced by Linker Scission in Metal-Organic Framework Nanosheets for Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2020, 10, 5691-5697.	5.5	120
67	Experimental Cerenkov luminescence tomography of the mouse model with SPECT imaging validation. <i>Optics Express</i> , 2010, 18, 24441.	1.7	118
68	Recent advances in high-performance fluorescent and bioluminescent RNA imaging probes. <i>Chemical Society Reviews</i> , 2017, 46, 2824-2843.	18.7	118
69	Radiomics signature: a biomarker for the preoperative discrimination of lung invasive adenocarcinoma manifesting as a ground-glass nodule. <i>European Radiology</i> , 2019, 29, 889-897.	2.3	118
70	Long noncoding RNA Pvt1 regulates the immunosuppression activity of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Molecular Cancer</i> , 2019, 18, 61.	7.9	117
71	A Hepatocellular Carcinoma Targeting Nanostrategy with Hypoxia-Ameliorating and Photothermal Abilities that, Combined with Immunotherapy, Inhibits Metastasis and Recurrence. <i>ACS Nano</i> , 2020, 14, 12679-12696.	7.3	116
72	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. <i>Nature Communications</i> , 2015, 6, 7560.	5.8	114

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73	Deep learning provides a new computed tomography-based prognostic biomarker for recurrence prediction in high-grade serous ovarian cancer. <i>Radiotherapy and Oncology</i> , 2019, 132, 171-177.	0.3	113
74	Two Faces of the Other-Race Effect: Recognition and Categorisation of Caucasian and Chinese Faces. <i>Perception</i> , 2009, 38, 1199-1210.	0.5	110
75	Pretreatment prediction of immunoscore in hepatocellular cancer: a radiomics-based clinical model based on Gd-EOB-DTPA-enhanced MRI imaging. <i>European Radiology</i> , 2019, 29, 4177-4187.	2.3	110
76	Source Reconstruction for Spectrally-resolved Bioluminescence Tomography with Sparse A priori Information. <i>Optics Express</i> , 2009, 17, 8062.	1.7	108
77	TERT promoter mutations contribute to subset prognostication of lower-grade gliomas. <i>Modern Pathology</i> , 2015, 28, 177-186.	2.9	107
78	Development of a radiomics nomogram based on the 2D and 3D CT features to predict the survival of non-small cell lung cancer patients. <i>European Radiology</i> , 2019, 29, 2196-2206.	2.3	107
79	A fast reconstruction algorithm for fluorescence molecular tomography with sparsity regularization. <i>Optics Express</i> , 2010, 18, 8630.	1.7	106
80	Abnormal Resting Brain Activity in Patients With Functional Dyspepsia Is Related to Symptom Severity. <i>Gastroenterology</i> , 2011, 141, 499-506.	0.6	106
81	Craving correlates with mesolimbic responses to heroin-related cues in short-term abstinence from heroin: An event-related fMRI study. <i>Brain Research</i> , 2012, 1469, 63-72.	1.1	106
82	CT radiomics may predict the grade of pancreatic neuroendocrine tumors: a multicenter study. <i>European Radiology</i> , 2019, 29, 6880-6890.	2.3	106
83	Reduced Fractional Anisotropy of Corpus Callosum Modulates Inter-Hemispheric Resting State Functional Connectivity in Migraine Patients without Aura. <i>PLoS ONE</i> , 2012, 7, e45476.	1.1	105
84	Acupuncture modulates spontaneous activities in the anticorrelated resting brain networks. <i>Brain Research</i> , 2009, 1279, 37-49.	1.1	104
85	Synergistic triple-combination therapy with hyaluronic acid-shelled PPy/CPT nanoparticles results in tumor regression and prevents tumor recurrence and metastasis in 4T1 breast cancer. <i>Biomaterials</i> , 2019, 217, 119264.	5.7	104
86	A new algorithm for distorted fingerprints matching based on normalized fuzzy similarity measure. <i>IEEE Transactions on Image Processing</i> , 2006, 15, 767-776.	6.0	102
87	Acupuncture Modulates Temporal Neural Responses in Wide Brain Networks: Evidence from fMRI Study. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-73.	1.0	102
88	A deep learning radiomics model for preoperative grading in meningioma. <i>European Journal of Radiology</i> , 2019, 116, 128-134.	1.2	102
89	Altered Structure and Resting-State Functional Connectivity of the Basal Ganglia in Migraine Patients Without Aura. <i>Journal of Pain</i> , 2013, 14, 836-844.	0.7	101
90	Quantitative Biomarkers for Prediction of Epidermal Growth Factor Receptor Mutation in Non-Small Cell Lung Cancer. <i>Translational Oncology</i> , 2018, 11, 94-101.	1.7	101

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91	A single-center, retrospective study of COVID-19 features in children: a descriptive investigation. BMC Medicine, 2020, 18, 123.	2.3	101
92	Predicting response to immunotherapy in advanced non-small-cell lung cancer using tumor mutational burden radiomic biomarker. , 2020, 8, e000550.		101
93	Predicting subsequent relapse by drug-related cue-induced brain activation in heroin addiction: an event-related functional magnetic resonance imaging study. Addiction Biology, 2015, 20, 968-978.	1.4	100
94	Time-varied characteristics of acupuncture effects in fMRI studies. Human Brain Mapping, 2009, 30, 3445-3460.	1.9	99
95	A Self-Assembled DNA Origami-Gold Nanorod Complex for Cancer Theranostics. Small, 2015, 11, 5134-5141.	5.2	99
96	Dual-energy CT-based deep learning radiomics can improve lymph node metastasis risk prediction for gastric cancer. European Radiology, 2020, 30, 2324-2333.	2.3	99
97	Alterations of regional spontaneous neuronal activity and corresponding brain circuit changes during resting state in migraine without aura. NMR in Biomedicine, 2013, 26, 1051-1058.	1.6	98
98	Predicting distant metastasis and chemotherapy benefit in locally advanced rectal cancer. Nature Communications, 2020, 11, 4308.	5.8	98
99	Hierarchical Alteration of Brain Structural and Functional Networks in Female Migraine Sufferers. PLoS ONE, 2012, 7, e51250.	1.1	98
100	Long Non-Coding RNA HOXA Transcript Antisense RNA Myeloid-Specific 1 st HOXA1 Axis Downregulates the Immunosuppressive Activity of Myeloid-Derived Suppressor Cells in Lung Cancer. Frontiers in Immunology, 2018, 9, 473.	2.2	97
101	fMRI connectivity analysis of acupuncture effects on the whole brain network in mild cognitive impairment patients. Magnetic Resonance Imaging, 2012, 30, 672-682.	1.0	96
102	Sparse reconstruction for quantitative bioluminescence tomography based on the incomplete variables truncated conjugate gradient method. Optics Express, 2010, 18, 24825.	1.7	95
103	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. NMR in Biomedicine, 2012, 25, 806-812.	1.6	95
104	CT-based radiomics signature for differentiating Borrmann type IV gastric cancer from primary gastric lymphoma. European Journal of Radiology, 2017, 91, 142-147.	1.2	95
105	Insight Into Non-Pathogenic Th17 Cells in Autoimmune Diseases. Frontiers in Immunology, 2018, 9, 1112.	2.2	95
106	Multi-parametric MRI-based radiomics signature for discriminating between clinically significant and insignificant prostate cancer: Cross-validation of a machine learning method. European Journal of Radiology, 2019, 115, 16-21.	1.2	95
107	Multimodality Molecular Imaging. IEEE Engineering in Medicine and Biology Magazine, 2008, 27, 48-57.	1.1	94
108	Gold Nanoshelled Liquid Perfluorocarbon Nanocapsules for Combined Dual Modal Ultrasound/CT Imaging and Photothermal Therapy of Cancer. Small, 2014, 10, 1220-1227.	5.2	94

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109	Targeting carbon nanotubes based on IGF-1R for photothermal therapy of orthotopic pancreatic cancer guided by optical imaging. <i>Biomaterials</i> , 2019, 195, 13-22.	5.7	94
110	Development and validation of a CT-based radiomic nomogram for preoperative prediction of early recurrence in advanced gastric cancer. <i>Radiotherapy and Oncology</i> , 2020, 145, 13-20.	0.3	94
111	Gray matter deficits and resting-state abnormalities in abstinent heroin-dependent individuals. <i>Neuroscience Letters</i> , 2010, 482, 101-105.	1.0	93
112	First-in-human study of PET and optical dual-modality image-guided surgery in glioblastoma using ⁶⁸ Ga-IRDye800CW-BBN. <i>Theranostics</i> , 2018, 8, 2508-2520.	4.6	93
113	Building CT Radiomics Based Nomogram for Preoperative Esophageal Cancer Patients Lymph Node Metastasis Prediction. <i>Translational Oncology</i> , 2018, 11, 815-824.	1.7	93
114	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
115	Reduced frontal cortical thickness and increased caudate volume within fronto-striatal circuits in young adult smokers. <i>Drug and Alcohol Dependence</i> , 2015, 151, 211-219.	1.6	92
116	Molecular Imaging of Vulnerable Atherosclerotic Plaques <i>in Vivo</i> with Osteopontin-Specific Upconversion Nanoprobes. <i>ACS Nano</i> , 2017, 11, 1816-1825.	7.3	91
117	Effects of Mesenchymal Stem Cell-Derived Exosomes on Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 749192.	2.2	91
118	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> , 2022, 4, e8-e17.	5.9	91
119	Spectrally resolved bioluminescence tomography with adaptive finite element analysis: methodology and simulation. <i>Physics in Medicine and Biology</i> , 2007, 52, 4497-4512.	1.6	90
120	Allicin Nanoparticles for Trimodality Imaging-Guided Intracellular Photo-Magnetic Hyperthermia Therapy under Intravenous Administration. <i>Advanced Functional Materials</i> , 2018, 28, 1705710.	7.8	90
121	Machine Learning-Assisted System for Thyroid Nodule Diagnosis. <i>Thyroid</i> , 2019, 29, 858-867.	2.4	88
122	Cone beam X-ray luminescence computed tomography: A feasibility study. <i>Medical Physics</i> , 2013, 40, 031111.	1.6	87
123	A Comparative Study of Clinical Intervention and Interventional Photothermal Therapy for Pancreatic Cancer. <i>Advanced Materials</i> , 2017, 29, 1700448.	11.1	86
124	A novel ant colony optimization algorithm for large-distorted fingerprint matching. <i>Pattern Recognition</i> , 2012, 45, 151-161.	5.1	85
125	The implication of frontostriatal circuits in young smokers: A resting-state study. <i>Human Brain Mapping</i> , 2016, 37, 2013-2026.	1.9	84
126	Artificially Engineered Cubic Iron Oxide Nanoparticle as a High-Performance Magnetic Particle Imaging Tracer for Stem Cell Tracking. <i>ACS Nano</i> , 2020, 14, 2053-2062.	7.3	84

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127	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. <i>Theranostics</i> , 2020, 10, 7231-7244.	4.6	84
128	The active sites of Cu ²⁺ /ZnO catalysts for water gas shift and CO hydrogenation reactions. <i>Nature Communications</i> , 2021, 12, 4331.	5.8	83
129	An optimal permissible source region strategy for multispectral bioluminescence tomography. <i>Optics Express</i> , 2008, 16, 15640.	1.7	82
130	Striatum morphometry is associated with cognitive control deficits and symptom severity in internet gaming disorder. <i>Brain Imaging and Behavior</i> , 2016, 10, 12-20.	1.1	82
131	A multi-sequence and habitat-based MRI radiomics signature for preoperative prediction of MGMT promoter methylation in astrocytomas with prognostic implication. <i>European Radiology</i> , 2019, 29, 877-888.	2.3	81
132	Site-Resolved Cu ₂ O Catalysis in the Oxidation of CO. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4276-4280.	7.2	81
133	Highly Efficient Clearable Nanoparticles for Multi-Modal Imaging and Image-Guided Cancer Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1704634.	7.8	77
134	Radiomics-Based Pretherapeutic Prediction of Non-response to Neoadjuvant Therapy in Locally Advanced Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2019, 26, 1676-1684.	0.7	77
135	Highly sensitive magnetic particle imaging of vulnerable atherosclerotic plaque with active myeloperoxidase-targeted nanoparticles. <i>Theranostics</i> , 2021, 11, 506-521.	4.6	77
136	A Coarse to Fine Minutiae-Based Latent Palmprint Matching. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2013, 35, 2307-2322.	9.7	76
137	Development and validation of a magnetic resonance imaging-based model for the prediction of distant metastasis before initial treatment of nasopharyngeal carcinoma: A retrospective cohort study. <i>EBioMedicine</i> , 2019, 40, 327-335.	2.7	76
138	Radiomic signature as a predictive factor for lymph node metastasis in early-stage cervical cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 304-310.	1.9	75
139	Preoperative prediction of pelvic lymph nodes metastasis in early-stage cervical cancer using radiomics nomogram developed based on T2-weighted MRI and diffusion-weighted imaging. <i>European Journal of Radiology</i> , 2019, 114, 128-135.	1.2	75
140	Non-invasive measurement of PD-L1 status and prediction of immunotherapy response using deep learning of PET/CT images. , 2021, 9, e002118.		75
141	Neural specificity of acupuncture stimulation at pericardium 6: Evidence from an fMRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 71-77.	1.9	74
142	A key binding system based on n-nearest minutiae structure of fingerprint. <i>Pattern Recognition Letters</i> , 2011, 32, 666-675.	2.6	74
143	A metal-vacancy-solid-solution NiAlP nanowall array bifunctional electrocatalyst for exceptional all-pH overall water splitting. <i>Journal of Materials Chemistry A</i> , 2018, 6, 9420-9427.	5.2	74
144	Manganese (II) Chelate Functionalized Copper Sulfide Nanoparticles for Efficient Magnetic Resonance/Photoacoustic Dual-Modal Imaging Guided Photothermal Therapy. <i>Theranostics</i> , 2015, 5, 1144-1153.	4.6	73

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145	MR-Based Radiomics Nomogram of Cervical Cancer in Prediction of the Lymphovascular Space Invasion preoperatively. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1420-1426.	1.9	73
146	Altered small-world brain functional networks and duration of heroin use in male abstinent heroin-dependent individuals. <i>Neuroscience Letters</i> , 2010, 477, 37-42.	1.0	71
147	An effective biometric cryptosystem combining fingerprints with error correction codes. <i>Expert Systems With Applications</i> , 2012, 39, 6562-6574.	4.4	71
148	MRI/optical dual-modality imaging of vulnerable atherosclerotic plaque with an osteopontin-targeted probe based on Fe ₃ O ₄ nanoparticles. <i>Biomaterials</i> , 2017, 112, 336-345.	5.7	71
149	Radiomics analysis of magnetic resonance imaging improves diagnostic performance of lymph node metastasis in patients with cervical cancer. <i>Radiotherapy and Oncology</i> , 2019, 138, 141-148.	0.3	71
150	Alterations in Brain Grey Matter Structures in Patients With Crohn's Disease and Their Correlation With Psychological Distress. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 532-540.	0.6	70
151	Radiomics in liver diseases: Current progress and future opportunities. <i>Liver International</i> , 2020, 40, 2050-2063.	1.9	70
152	Imaging Dendrimer-Grafted Graphene Oxide Mediated Anti-miR-21 Delivery With an Activatable Luciferase Reporter. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9014-9021.	4.0	69
153	Altered resting state functional connectivity of anterior insula in young smokers. <i>Brain Imaging and Behavior</i> , 2017, 11, 155-165.	1.1	69
154	Radiomic analysis for pretreatment prediction of response to neoadjuvant chemotherapy in locally advanced cervical cancer: A multicentre study. <i>EBioMedicine</i> , 2019, 46, 160-169.	2.7	69
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