

# Jie Tian

## List of Publications by Citations

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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	Development and Validation of a Radiomics Nomogram for Preoperative Prediction of Lymph Node Metastasis in Colorectal Cancer. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 2157-64	2.2	869
981	DNA origami as an in vivo drug delivery vehicle for cancer therapy. <i>ACS Nano</i> , <b>2014</b> , 8, 6633-43	16.7	409
980	Radiomics Signature: A Potential Biomarker for the Prediction of Disease-Free Survival in Early-Stage (I or II) Non-Small Cell Lung Cancer. <i>Radiology</i> , <b>2016</b> , 281, 947-957	20.5	384
979	Multi-crop Convolutional Neural Networks for lung nodule malignancy suspiciousness classification. <i>Pattern Recognition</i> , <b>2017</b> , 61, 663-673	7.7	302
978	Radiomics Features of Multiparametric MRI as Novel Prognostic Factors in Advanced Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 4259-4269	12.9	285
977	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> , <b>2020</b> , 4, 259-271	19	265
976	The Applications of Radiomics in Precision Diagnosis and Treatment of Oncology: Opportunities and Challenges. <i>Theranostics</i> , <b>2019</b> , 9, 1303-1322	12.1	253
975	Radiomics Analysis for Evaluation of Pathological Complete Response to Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 7253-7262	12.9	248
974	Multi-scale Convolutional Neural Networks for Lung Nodule Classification. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 24, 588-99	0.9	243
973	Intraoperative imaging-guided cancer surgery: from current fluorescence molecular imaging methods to future multi-modality imaging technology. <i>Theranostics</i> , <b>2014</b> , 4, 1072-84	12.1	239
972	Microstructure abnormalities in adolescents with internet addiction disorder. <i>PLoS ONE</i> , <b>2011</b> , 6, e20708	3.7	236
971	Central focused convolutional neural networks: Developing a data-driven model for lung nodule segmentation. <i>Medical Image Analysis</i> , <b>2017</b> , 40, 172-183	15.4	229
970	A fully automatic deep learning system for COVID-19 diagnostic and prognostic analysis. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	215
969	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
968	Reversibly Switching Bilayer Permeability and Release Modules of Photochromic Polymersomes Stabilized by Cooperative Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15262-75	16.4	193
967	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> , <b>2016</b> , 100, 27-40	15.6	193
966	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

965	Arginine-Rich Manganese Silicate Nanobubbles as a Ferroptosis-Inducing Agent for Tumor-Targeted Theranostics. <i>ACS Nano</i> , <b>2018</b> , 12, 12380-12392	16.7	180
964	A partial intensity invariant feature descriptor for multimodal retinal image registration. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2010</b> , 57, 1707-18	5	166
963	Dysfunctional connectivity patterns in chronic heroin users: an fMRI study. <i>Neuroscience Letters</i> , <b>2009</b> , 460, 72-7	3.3	156
962	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
961	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
960	Frame difference energy image for gait recognition with incomplete silhouettes. <i>Pattern Recognition Letters</i> , <b>2009</b> , 30, 977-984	4.7	154
959	DNA-Nanostructure-Gold-Nanorod Hybrids for Enhanced In Vivo Optoacoustic Imaging and Photothermal Therapy. <i>Advanced Materials</i> , <b>2016</b> , 28, 10000-10007	24	151
958	Ferritin Nanocarrier Traverses the Blood Brain Barrier and Kills Glioma. <i>ACS Nano</i> , <b>2018</b> , 12, 4105-4115	16.7	144
957	Radiomic machine-learning classifiers for prognostic biomarkers of advanced nasopharyngeal carcinoma. <i>Cancer Letters</i> , <b>2017</b> , 403, 21-27	9.9	142
956	Core-Shell Gold Nanorod@Metal-Organic Framework Nanoprobes for Multimodality Diagnosis of Glioma. <i>Advanced Materials</i> , <b>2017</b> , 29, 1604381	24	142
955	Grading of Gliomas by Using Monoexponential, Biexponential, and Stretched Exponential Diffusion-weighted MR Imaging and Diffusion Kurtosis MR Imaging. <i>Radiology</i> , <b>2016</b> , 278, 496-504	20.5	141
954	Cortical thickness abnormalities in late adolescence with online gaming addiction. <i>PLoS ONE</i> , <b>2013</b> , 8, e53055	3.7	141
953	Glypican-3: A promising biomarker for hepatocellular carcinoma diagnosis and treatment. <i>Medicinal Research Reviews</i> , <b>2018</b> , 38, 741-767	14.4	138
952	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
951	A multilevel adaptive finite element algorithm for bioluminescence tomography. <i>Optics Express</i> , <b>2006</b> , 14, 8211-23	3.3	132
950	Intrinsic brain network abnormalities in migraines without aura revealed in resting-state fMRI. <i>PLoS ONE</i> , <b>2012</b> , 7, e52927	3.7	130
949	Effect of surface properties on liposomal siRNA delivery. <i>Biomaterials</i> , <b>2016</b> , 79, 56-68	15.6	129
948	Structural and functional abnormalities in migraine patients without aura. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 58-64	4.4	126

947	GPU-based Monte Carlo simulation for light propagation in complex heterogeneous tissues. <i>Optics Express</i> , <b>2010</b> , 18, 6811-23	3.3	122
946	In Situ Growth Strategy to Integrate Up-Conversion Nanoparticles with Ultrasmall CuS for Photothermal Theranostics. <i>ACS Nano</i> , <b>2017</b> , 11, 1064-1072	16.7	118
945	Seeing Jesus in toast: neural and behavioral correlates of face pareidolia. <i>Cortex</i> , <b>2014</b> , 53, 60-77	3.8	118
944	Encapsulating tantalum oxide into polypyrrole nanoparticles for X-ray CT/photoacoustic bimodal imaging-guided photothermal ablation of cancer. <i>Biomaterials</i> , <b>2014</b> , 35, 5795-804	15.6	117
943	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> , <b>2019</b> , 25, 4271-4279	12.9	115
942	Automated Delineation of Lung Tumors from CT Images Using a Single Click Ensemble Segmentation Approach. <i>Pattern Recognition</i> , <b>2013</b> , 46, 692-702	7.7	112
941	Deep learning-based multi-view fusion model for screening 2019 novel coronavirus pneumonia: A multicentre study. <i>European Journal of Radiology</i> , <b>2020</b> , 128, 109041	4.7	109
940	Core brain networks interactions and cognitive control in internet gaming disorder individuals in late adolescence/early adulthood. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 1427-42	4	108
939	fMRI connectivity analysis of acupuncture effects on an amygdala-associated brain network. <i>Molecular Pain</i> , <b>2008</b> , 4, 55	3.4	108
938	An alignment-free fingerprint cryptosystem based on fuzzy vault scheme. <i>Journal of Network and Computer Applications</i> , <b>2010</b> , 33, 207-220	7.9	106
937	Can CT-based radiomics signature predict KRAS/NRAS/BRAF mutations in colorectal cancer?. <i>European Radiology</i> , <b>2018</b> , 28, 2058-2067	8	105
936	Automatic liver segmentation using a statistical shape model with optimal surface detection. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2010</b> , 57, 2622-6	5	105
935	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> , <b>2016</b> , 7, 31401-12	3.3	105
934	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> , <b>2019</b> , 19, 3618-3626	11.5	103
933	A mouse optical simulation environment (MOSE) to investigate bioluminescent phenomena in the living mouse with the Monte Carlo method. <i>Academic Radiology</i> , <b>2004</b> , 11, 1029-38	4.3	102
932	Automatic Liver Segmentation Based on Shape Constraints and Deformable Graph Cut in CT Images. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 5315-29	8.7	100
931	Preoperative radiomics nomogram for microvascular invasion prediction in hepatocellular carcinoma using contrast-enhanced CT. <i>European Radiology</i> , <b>2019</b> , 29, 3595-3605	8	97
930	Radiomic signature as a diagnostic factor for histologic subtype classification of non-small cell lung cancer. <i>European Radiology</i> , <b>2018</b> , 28, 2772-2778	8	96

929	Source reconstruction for spectrally-resolved bioluminescence tomography with sparse a priori information. <i>Optics Express</i> , <b>2009</b> , 17, 8062-80	3.3	94
928	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. <i>ACS Nano</i> , <b>2019</b> , 13, 8811-8825	16.7	93
927	Frontostriatal circuits, resting state functional connectivity and cognitive control in internet gaming disorder. <i>Addiction Biology</i> , <b>2017</b> , 22, 813-822	4.6	92
926	Two faces of the other-race effect: recognition and categorisation of Caucasian and Chinese faces. <i>Perception</i> , <b>2009</b> , 38, 1199-210	1.2	92
925	Obesity: pathophysiology and intervention. <i>Nutrients</i> , <b>2014</b> , 6, 5153-83	6.7	91
924	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
923	Abnormal resting brain activity in patients with functional dyspepsia is related to symptom severity. <i>Gastroenterology</i> , <b>2011</b> , 141, 499-506	13.3	90
922	Image enhancement and minutiae matching in fingerprint verification. <i>Pattern Recognition Letters</i> , <b>2003</b> , 24, 1349-1360	4.7	90
921	In vivo nanoparticle-mediated radiopharmaceutical-excited fluorescence molecular imaging. <i>Nature Communications</i> , <b>2015</b> , 6, 7560	17.4	89
920	Experimental Cerenkov luminescence tomography of the mouse model with SPECT imaging validation. <i>Optics Express</i> , <b>2010</b> , 18, 24441-50	3.3	89
919	Acupuncture modulates spontaneous activities in the anticorrelated resting brain networks. <i>Brain Research</i> , <b>2009</b> , 1279, 37-49	3.7	89
918	Altered topological patterns of brain networks in mild cognitive impairment and Alzheimer's disease: a resting-state fMRI study. <i>Psychiatry Research - Neuroimaging</i> , <b>2012</b> , 202, 118-25	2.9	88
917	Craving correlates with mesolimbic responses to heroin-related cues in short-term abstinence from heroin: an event-related fMRI study. <i>Brain Research</i> , <b>2012</b> , 1469, 63-72	3.7	88
916	Recent advances in high-performance fluorescent and bioluminescent RNA imaging probes. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 2824-2843	58.5	87
915	Long noncoding RNA Pvt1 regulates the immunosuppression activity of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Molecular Cancer</i> , <b>2019</b> , 18, 61	42.1	86
914	Gold nanoshelled liquid perfluorocarbon nanocapsules for combined dual modal ultrasound/CT imaging and photothermal therapy of cancer. <i>Small</i> , <b>2014</b> , 10, 1220-7	11	86
913	Acupuncture modulates temporal neural responses in wide brain networks: evidence from fMRI study. <i>Molecular Pain</i> , <b>2010</b> , 6, 73	3.4	86
912	Time-varied characteristics of acupuncture effects in fMRI studies. <i>Human Brain Mapping</i> , <b>2009</b> , 30, 3445-50	5.0	86

911	2D and 3D CT Radiomics Features Prognostic Performance Comparison in Non-Small Cell Lung Cancer. <i>Translational Oncology</i> , <b>2017</b> , 10, 886-894	4.9	85
910	TERT promoter mutations contribute to subset prognostication of lower-grade gliomas. <i>Modern Pathology</i> , <b>2015</b> , 28, 177-86	9.8	83
909	Altered structure and resting-state functional connectivity of the basal ganglia in migraine patients without aura. <i>Journal of Pain</i> , <b>2013</b> , 14, 836-44	5.2	83
908	Regional homogeneity abnormalities in patients with interictal migraine without aura: a resting-state study. <i>NMR in Biomedicine</i> , <b>2012</b> , 25, 806-12	4.4	82
907	Reduced fractional anisotropy of corpus callosum modulates inter-hemispheric resting state functional connectivity in migraine patients without aura. <i>PLoS ONE</i> , <b>2012</b> , 7, e45476	3.7	82
906	Gray matter deficits and resting-state abnormalities in abstinent heroin-dependent individuals. <i>Neuroscience Letters</i> , <b>2010</b> , 482, 101-5	3.3	81
905	A Self-Assembled DNA Origami-Gold Nanorod Complex for Cancer Theranostics. <i>Small</i> , <b>2015</b> , 11, 5134-41	11	80
904	A fast reconstruction algorithm for fluorescence molecular tomography with sparsity regularization. <i>Optics Express</i> , <b>2010</b> , 18, 8630-46	3.3	80
903	FMRI connectivity analysis of acupuncture effects on the whole brain network in mild cognitive impairment patients. <i>Magnetic Resonance Imaging</i> , <b>2012</b> , 30, 672-82	3.3	79
902	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
901	Predicting subsequent relapse by drug-related cue-induced brain activation in heroin addiction: an event-related functional magnetic resonance imaging study. <i>Addiction Biology</i> , <b>2015</b> , 20, 968-78	4.6	78
900	Tumor Imaging: Radiopharmaceuticals and Fluorescein Sodium Mediated Triple-Modality Molecular Imaging Allows Precise Image-Guided Tumor Surgery (Adv. Sci. 13/2019). <i>Advanced Science</i> , <b>2019</b> , 6, 1970081	13.6	78
899	Spectrally resolved bioluminescence tomography with adaptive finite element analysis: methodology and simulation. <i>Physics in Medicine and Biology</i> , <b>2007</b> , 52, 4497-512	3.8	78
898	Radiomics signature: a biomarker for the preoperative discrimination of lung invasive adenocarcinoma manifesting as a ground-glass nodule. <i>European Radiology</i> , <b>2019</b> , 29, 889-897	8	77
897	Long Non-Coding RNA HOXA Transcript Antisense RNA Myeloid-Specific 1-HOXA1 Axis Downregulates the Immunosuppressive Activity of Myeloid-Derived Suppressor Cells in Lung Cancer. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 473	8.4	76
896	Alterations of regional spontaneous neuronal activity and corresponding brain circuit changes during resting state in migraine without aura. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 1051-8	4.4	75
895	A single-center, retrospective study of COVID-19 features in children: a descriptive investigation. <i>BMC Medicine</i> , <b>2020</b> , 18, 123	11.4	74
894	A new algorithm for distorted fingerprints matching based on normalized fuzzy similarity measure. <i>IEEE Transactions on Image Processing</i> , <b>2006</b> , 15, 767-76	8.7	74

893	Radiomic nomogram for prediction of axillary lymph node metastasis in breast cancer. <i>European Radiology</i> , <b>2019</b> , 29, 3820-3829	8	73
892	Hierarchical alteration of brain structural and functional networks in female migraine sufferers. <i>PLoS ONE</i> , <b>2012</b> , 7, e51250	3.7	73
891	Ultrasound-based radiomics score: a potential biomarker for the prediction of microvascular invasion in hepatocellular carcinoma. <i>European Radiology</i> , <b>2019</b> , 29, 2890-2901	8	72
890	Reduced frontal cortical thickness and increased caudate volume within fronto-striatal circuits in young adult smokers. <i>Drug and Alcohol Dependence</i> , <b>2015</b> , 151, 211-9	4.9	71
889	Cone beam x-ray luminescence computed tomography: a feasibility study. <i>Medical Physics</i> , <b>2013</b> , 40, 031111	11.1	71
888	Sparse reconstruction for quantitative bioluminescence tomography based on the incomplete variables truncated conjugate gradient method. <i>Optics Express</i> , <b>2010</b> , 18, 24825-41	3.3	71
887	Multimodality molecular imaging. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2008</b> , 27, 48-57		70
886	An optimal permissible source region strategy for multispectral bioluminescence tomography. <i>Optics Express</i> , <b>2008</b> , 16, 15640-54	3.3	69
885	Striatum morphometry is associated with cognitive control deficits and symptom severity in internet gaming disorder. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 12-20	4.1	68
884	The implication of frontostriatal circuits in young smokers: A resting-state study. <i>Human Brain Mapping</i> , <b>2016</b> , 37, 2013-26	5.9	68
883	CT-based radiomics signature for differentiating Borrmann type IV gastric cancer from primary gastric lymphoma. <i>European Journal of Radiology</i> , <b>2017</b> , 91, 142-147	4.7	66
882	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> , <b>2019</b> , 217, 119264	15.6	66
881	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
880	Altered small-world brain functional networks and duration of heroin use in male abstinent heroin-dependent individuals. <i>Neuroscience Letters</i> , <b>2010</b> , 477, 37-42	3.3	65
879	Targeting carbon nanotubes based on IGF-1R for photothermal therapy of orthotopic pancreatic cancer guided by optical imaging. <i>Biomaterials</i> , <b>2019</b> , 195, 13-22	15.6	64
878	High-Efficient Clearable Nanoparticles for Multi-Modal Imaging and Image-Guided Cancer Therapy. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1704634	15.6	64
877	Quantitative Biomarkers for Prediction of Epidermal Growth Factor Receptor Mutation in Non-Small Cell Lung Cancer. <i>Translational Oncology</i> , <b>2018</b> , 11, 94-101	4.9	63
876	Cancer Diagnosis and Imaging-Guided Photothermal Therapy Using a Dual-Modality Nanoparticle. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 29232-29241	9.5	62



875	Molecular Imaging of Vulnerable Atherosclerotic Plaques in Vivo with Osteopontin-Specific Upconversion Nanoprobes. <i>ACS Nano</i> , <b>2017</b> , 11, 1816-1825	16.7	61
874	A Comparative Study of Clinical Intervention and Interventional Photothermal Therapy for Pancreatic Cancer. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700448	24	61
873	Manganese (II) Chelate Functionalized Copper Sulfide Nanoparticles for Efficient Magnetic Resonance/Photoacoustic Dual-Modal Imaging Guided Photothermal Therapy. <i>Theranostics</i> , <b>2015</b> , 5, 1144-53	12.1	59
872	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
871	Imaging Dendrimer-Grafted Graphene Oxide Mediated Anti-miR-21 Delivery With an Activatable Luciferase Reporter. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9014-21	9.5	58
870	Partial correlation investigation on the default mode network involved in acupuncture: an fMRI study. <i>Neuroscience Letters</i> , <b>2009</b> , 462, 183-7	3.3	58
869	An effective biometric cryptosystem combining fingerprints with error correction codes. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 6562-6574	7.8	57
868	A novel ant colony optimization algorithm for large-distorted fingerprint matching. <i>Pattern Recognition</i> , <b>2012</b> , 45, 151-161	7.7	57
867	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> , <b>2019</b> , 29, 2196-2206	8	57
866	Radiomics Analysis of Computed Tomography helps predict poor prognostic outcome in COVID-19. <i>Theranostics</i> , <b>2020</b> , 10, 7231-7244	12.1	56
865	First-in-human study of PET and optical dual-modality image-guided surgery in glioblastoma using Ga-IRDye800CW-BBN. <i>Theranostics</i> , <b>2018</b> , 8, 2508-2520	12.1	56
864	A coarse to fine minutiae-based latent palmprint matching. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2013</b> , 35, 2307-22	13.3	56
863	Neural specificity of acupuncture stimulation at pericardium 6: evidence from an FMRI study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 71-7	5.6	56
862	Deep learning provides a new computed tomography-based prognostic biomarker for recurrence prediction in high-grade serous ovarian cancer. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 132, 171-177	5.3	56
861	Altered resting state functional connectivity of anterior insula in young smokers. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 155-165	4.1	55
860	Multi-parametric MRI-based radiomics signature for discriminating between clinically significant and insignificant prostate cancer: Cross-validation of a machine learning method. <i>European Journal of Radiology</i> , <b>2019</b> , 115, 16-21	4.7	55
859	MRI/optical dual-modality imaging of vulnerable atherosclerotic plaque with an osteopontin-targeted probe based on FeO nanoparticles. <i>Biomaterials</i> , <b>2017</b> , 112, 336-345	15.6	55
858	Distinct resting-state brain activities in heroin-dependent individuals. <i>Brain Research</i> , <b>2011</b> , 1402, 46-53	3.7	55



857	White-matter microstructural changes in functional dyspepsia: a diffusion tensor imaging study. <i>American Journal of Gastroenterology</i> , <b>2013</b> , 108, 260-9	0.7	54
856	Axonal loss of white matter in migraine without aura: a tract-based spatial statistics study. <i>Cephalalgia</i> , <b>2013</b> , 33, 34-42	6.1	54
855	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
854	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
853	Non-invasive decision support for NSCLC treatment using PET/CT radiomics. <i>Nature Communications</i> , <b>2020</b> , 11, 5228	17.4	53
852	Amplitude of low frequency fluctuation abnormalities in adolescents with online gaming addiction. <i>PLoS ONE</i> , <b>2013</b> , 8, e78708	3.7	52
851	Evaluation of the simplified spherical harmonics approximation in bioluminescence tomography through heterogeneous mouse models. <i>Optics Express</i> , <b>2010</b> , 18, 20988-1002	3.3	52
850	Real-time multi-modal rigid registration based on a novel symmetric-SIFT descriptor. <i>Progress in Natural Science: Materials International</i> , <b>2009</b> , 19, 643-651	3.6	52
849	Gender-related differences in the dysfunctional resting networks of migraine sufferers. <i>PLoS ONE</i> , <b>2011</b> , 6, e27049	3.7	52
848	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
847	A deep learning radiomics model for preoperative grading in meningioma. <i>European Journal of Radiology</i> , <b>2019</b> , 116, 128-134	4.7	51
846	Wandering Pattern Sensing at S-Band. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2018</b> , 22, 1863-1870	18.7	51
845	Insight Into Non-Pathogenic Th17 Cells in Autoimmune Diseases. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1112	8.4	51
844	In vivo quantitative bioluminescence tomography using heterogeneous and homogeneous mouse models. <i>Optics Express</i> , <b>2010</b> , 18, 13102-13	3.3	51
843	3D reconstruction of light flux distribution on arbitrary surfaces from 2D multi-photographic images. <i>Optics Express</i> , <b>2010</b> , 18, 19876-93	3.3	51
842	Combining spatial and temporal information to explore resting-state networks changes in abstinent heroin-dependent individuals. <i>Neuroscience Letters</i> , <b>2010</b> , 475, 20-4	3.3	51
841	Migraine-related gray matter and white matter changes at a 1-year follow-up evaluation. <i>Journal of Pain</i> , <b>2013</b> , 14, 1703-8	5.2	50
840	An algorithm for distorted fingerprint matching based on local triangle feature set. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2006</b> , 1, 169-177	8	50

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