

# Long Jiang Zhang

## 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.

211 papers	4,394 citations	33 h-index	57 g-index
224 ext. papers	5,729 ext. citations	6.4 avg, IF	6.02 L-index

#	Paper	IF	Citations
211	Influence of diabetes mellitus on the diagnostic performance of machine learning-based coronary CT angiography-derived fractional flow reserve: a multicenter study.. <i>European Radiology</i> , <b>2022</b> , 1	8	1
210	Impact of Sublingual Nitroglycerin on the Assessment of Computed Tomography-derived Fractional Flow Reserve: An Intraindividual Comparison Study.. <i>Journal of Computer Assisted Tomography</i> , <b>2022</b> , 46, 23-28	2.2	
209	Long-term prognostic value of the serial changes of CT-derived fractional flow reserve and perivascular fat attenuation index.. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2022</b> , 12, 752-765	3.6	0
208	One-year outcomes of CCTA alone versus machine learning-based FFR for coronary artery disease: a single-center, prospective study.. <i>European Radiology</i> , <b>2022</b> , 1	8	1
207	Artificial intelligence in imaging of coronary artery disease: current applications and future perspective. <i>Chinese Journal of Academic Radiology</i> , <b>2022</b> , 5, 10-19	1	
206	Functional CAD-RADS using FFR on therapeutic management and prognosis in patients with coronary artery disease.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
205	Diagnosis of Cardiac Amyloidosis Using a Radiomics Approach Applied to Late Gadolinium-Enhanced Cardiac Magnetic Resonance Images: A Retrospective, Multicohort, Diagnostic Study.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 818957	5.4	0
204	Time-dependent cardiac structural and functional changes after kidney transplantation: a multi-parametric cardiac magnetic resonance study.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
203	Prognostic Value of Coronary CT Angiography-Derived Fractional Flow Reserve in Non-obstructive Coronary Artery Disease: A Prospective Multicenter Observational Study.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 778010	5.4	0
202	Dye-loaded mesoporous polydopamine nanoparticles for multimodal tumor theranostics with enhanced immunogenic cell death. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 365	9.4	4
201	Global urbanicity is associated with brain and behaviour in young people. <i>Nature Human Behaviour</i> , <b>2021</b> ,	12.8	1
200	Radiomics: The Next Frontier of Cardiac Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , <b>2021</b> , 14, e011747	3.9	8
199	Detection of renal allograft fibrosis with MRI: arterial spin labeling outperforms reduced field-of-view IVIM. <i>European Radiology</i> , <b>2021</b> , 31, 6696-6707	8	1
198	AI-based analysis of CT images for rapid triage of COVID-19 patients. <i>Npj Digital Medicine</i> , <b>2021</b> , 4, 75	15.7	8
197	Feasibility and prognostic role of machine learning-based FFR in patients with stent implantation. <i>European Radiology</i> , <b>2021</b> , 31, 6592-6604	8	5
196	BCCT: A GUI Toolkit for Brain Structural Covariance Connectivity Analysis on MATLAB. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 641961	3.3	1
195	Application of low-dose CT to the creation of 3D-printed kidney and perinephric tissue models for laparoscopic nephrectomy. <i>Cancer Medicine</i> , <b>2021</b> , 10, 3077-3084	4.8	1

194	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 509-521	19	25
193	Advanced gastric cancer: CT radiomics prediction and early detection of downstaging with neoadjuvant chemotherapy. <i>European Radiology</i> , <b>2021</b> , 31, 8765-8774	8	6
192	Distributed Functional Connectome of White Matter in Patients With Functional Dyspepsia. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 589578	3.3	0
191	Development and validation of a clinically applicable deep learning strategy (HONORS) for pulmonary nodule classification at CT: A retrospective multicentre study. <i>Lung Cancer</i> , <b>2021</b> , 155, 78-86	5.9	2
190	Mixed reality models based on low-dose computed tomography technology in nephron-sparing surgery are better than models based on normal-dose computed tomography. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2021</b> , 11, 2658-2668	3.6	0
189	Combination of computed tomography imaging-based radiomics and clinicopathological characteristics for predicting the clinical benefits of immune checkpoint inhibitors in lung cancer. <i>Respiratory Research</i> , <b>2021</b> , 22, 189	7.3	3
188	Coronary artery calcification and risk of mortality and adverse outcomes in patients with COVID-19: a Chinese multicenter retrospective cohort study. <i>Chinese Journal of Academic Radiology</i> , <b>2021</b> , 1-9	1	1
187	Prevalence and Associated Risk Factors of Pulmonary Embolism in Children and Young Adults With Nephrotic Syndrome: A Chinese Large Cohort Study. <i>Journal of Thoracic Imaging</i> , <b>2021</b> , 36, 326-332	5.6	0
186	Early detection of subclinical pathology in patients with stable kidney graft function by arterial spin labeling. <i>European Radiology</i> , <b>2021</b> , 31, 2687-2695	8	2
185	Comparison of automated and manual DWI-ASPECTS in acute ischemic stroke: total and region-specific assessment. <i>European Radiology</i> , <b>2021</b> , 31, 4130-4137	8	14
184	Automatic quantification of myocardium and pericardial fat from coronary computed tomography angiography: a multicenter study. <i>European Radiology</i> , <b>2021</b> , 31, 3826-3836	8	2
183	The effect of coronary calcification on diagnostic performance of machine learning-based CT-FFR: a Chinese multicenter study. <i>European Radiology</i> , <b>2021</b> , 31, 1482-1493	8	8
182	Different posterior hippocampus and default mode network modulation in young APOE $\epsilon 4$ carriers: a functional connectome-informed phenotype longitudinal study. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 2757-2769	6.2	2
181	Evaluation of Renal Fibrosis by Mapping Histology and Magnetic Resonance Imaging. <i>Kidney Diseases (Basel, Switzerland)</i> , <b>2021</b> , 7, 131-142	3.3	2
180	Serial coronary CT angiography-derived fractional flow reserve and plaque progression can predict long-term outcomes of coronary artery disease. <i>European Radiology</i> , <b>2021</b> , 31, 7110-7120	8	1
179	CT texture analysis of vulnerable plaques on optical coherence tomography. <i>European Journal of Radiology</i> , <b>2021</b> , 136, 109551	4.7	3
178	Machine Learning-Based Prediction of Small Intracranial Aneurysm Rupture Status Using CTA-Derived Hemodynamics: A Multicenter Study. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 648-654	4.4	4
177	Three Fundamental Elements for Deep Learning-based Computer-assisted Diagnostic Tools of Intracranial Aneurysms. <i>Radiology</i> , <b>2021</b> , 300, E311	20.5	

176	Computational fluid dynamics based hemodynamics in the management of intracranial aneurysms: state-of-the-art. <i>Chinese Journal of Academic Radiology</i> , <b>2021</b> , 4, 150-159	1	0
175	[F]PBR146 and [F]DPA-714 Imaging of Neuroinflammation in Chronic Hepatic Encephalopathy Rats. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 678144	5.1	
174	Brain Volumetric Alterations in Preclinical HIV-Associated Neurocognitive Disorder Using Automatic Brain Quantification and Segmentation Tool. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 713760	5.1	0
173	Deep learning powered coronary CT angiography for detecting obstructive coronary artery disease: The effect of reader experience, calcification and image quality. <i>European Journal of Radiology</i> , <b>2021</b> , 142, 109835	4.7	3
172	Acute Angle of Multilobulated Contours Improves the Risk Classification of Thymomas. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 744587	4.9	
171	Risk factors for adverse clinical outcomes with COVID-19 in China: a multicenter, retrospective, observational study. <i>Theranostics</i> , <b>2020</b> , 10, 6372-6383	12.1	81
170	Impacts of FKBP5 variants on large-scale brain network connectivity in healthy adults. <i>Journal of Affective Disorders</i> , <b>2020</b> , 273, 32-40	6.6	1
169	Impact of machine learning-based coronary computed tomography angiography fractional flow reserve on treatment decisions and clinical outcomes in patients with suspected coronary artery disease. <i>European Radiology</i> , <b>2020</b> , 30, 5841-5851	8	9
168	Progress and prospect on imaging diagnosis of COVID-19. <i>Chinese Journal of Academic Radiology</i> , <b>2020</b> , 3, 1-10	1	31
167	Coronavirus Disease 2019 (COVID-19): Chinese Radiologists Are Acting. <i>Journal of Thoracic Imaging</i> , <b>2020</b> , 35, 234-238	5.6	2
166	Coronary computed tomography angiography derived flow fractional reserve: the state of the art. <i>Chinese Journal of Academic Radiology</i> , <b>2020</b> , 3, 84-93	1	
165	A deep learning approach to characterize 2019 coronavirus disease (COVID-19) pneumonia in chest CT images. <i>European Radiology</i> , <b>2020</b> , 30, 6517-6527	8	89
164	Coronavirus Disease 2019 (COVID-19): A Perspective from China. <i>Radiology</i> , <b>2020</b> , 296, E15-E25	20.5	899
163	Liver injury monitoring, fibrosis staging and inflammation grading using T1rho magnetic resonance imaging: an experimental study in rats with carbon tetrachloride intoxication. <i>BMC Gastroenterology</i> , <b>2020</b> , 20, 14	3	8
162	The influence of image quality on diagnostic performance of a machine learning-based fractional flow reserve derived from coronary CT angiography. <i>European Radiology</i> , <b>2020</b> , 30, 2525-2534	8	11
161	Development and validation of machine learning prediction model based on computed tomography angiography-derived hemodynamics for rupture status of intracranial aneurysms: a Chinese multicenter study. <i>European Radiology</i> , <b>2020</b> , 30, 5170-5182	8	9
160	A bi-adjuvant nanovaccine that potentiates immunogenicity of neoantigen for combination immunotherapy of colorectal cancer. <i>Science Advances</i> , <b>2020</b> , 6, eaaw6071	14.3	65
159	Gut dysbiosis-influence on amygdala-based functional activity in patients with end stage renal disease: a preliminary study. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 2731-2744	4.1	5

158	Tube Voltage, DNA Double-Strand Breaks, and Image Quality in Coronary CT Angiography. <i>Korean Journal of Radiology</i> , <b>2020</b> , 21, 967-977	6.9	1
157	Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve in Patients with Anomalous Origin of the Right Coronary Artery from the Left Coronary Sinus. <i>Korean Journal of Radiology</i> , <b>2020</b> , 21, 192-202	6.9	4
156	Infection Control and Management Strategy for COVID-19 in the Radiology Department: Focusing on Experiences from China. <i>Korean Journal of Radiology</i> , <b>2020</b> , 21, 851-858	6.9	5
155	Current Status of Etiology, Epidemiology, Clinical Manifestations and Imagings for COVID-19. <i>Korean Journal of Radiology</i> , <b>2020</b> , 21, 1138-1149	6.9	6
154	Psychological morbidities and fatigue in patients with confirmed COVID-19 during disease outbreak: prevalence and associated biopsychosocial risk factors <b>2020</b> ,		26
153	Similarity and diversity of spontaneous brain activity in functional dyspepsia subtypes. <i>Acta Radiologica</i> , <b>2020</b> , 61, 927-935	2	5
152	Functional-structural relationship in large-scale brain networks of patients with end stage renal disease after kidney transplantation: A longitudinal study. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 328-341	5.9	3
151	Pifithrin- $\alpha$ -Incorporated in gold nanoparticle amplifies pro-apoptotic unfolded protein response cascades to potentiate synergistic glioblastoma therapy. <i>Biomaterials</i> , <b>2020</b> , 232, 119677	15.6	19
150	CHIMGEN: a Chinese imaging genetics cohort to enhance cross-ethnic and cross-geographic brain research. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 517-529	15.1	11
149	Functional MRI as a Tool for Evaluating Interstitial Fibrosis and Prognosis in Kidney Disease. <i>Kidney Diseases (Basel, Switzerland)</i> , <b>2020</b> , 6, 7-12	3.3	2
148	Network-level functional connectivity alterations in chemotherapy treated breast cancer patients: a longitudinal resting state functional MRI study. <i>Cancer Imaging</i> , <b>2020</b> , 20, 73	5.6	7
147	Development and Validation of a Radiomics Nomogram Based on F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography and Clinicopathological Factors to Predict the Survival Outcomes of Patients With Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1042	5.3	7
146	Automated left ventricular myocardium segmentation using 3D deeply supervised attention U-net for coronary computed tomography angiography; CT myocardium segmentation. <i>Medical Physics</i> , <b>2020</b> , 47, 1775-1785	4.4	11
145	Prognostic implication of CT-FFR based functional SYNTAX score in patients with de novo three-vessel disease. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> ,	4.1	4
144	Value of F-FDG PET/CT-Based Radiomics Nomogram to Predict Survival Outcomes and Guide Personalized Targeted Therapy in Lung Adenocarcinoma With EGFR Mutations. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 567160	5.3	2
143	A clinically applicable deep-learning model for detecting intracranial aneurysm in computed tomography angiography images. <i>Nature Communications</i> , <b>2020</b> , 11, 6090	17.4	20
142	Discrimination between transient and persistent subsolid pulmonary nodules on baseline CT using deep transfer learning. <i>European Radiology</i> , <b>2020</b> , 30, 6913-6923	8	2
141	Sinogram-Affirmed Iterative Reconstruction Negatively Impacts the Risk Category Based on Agatston Score: A Study Combining Coronary Calcium Score Measurement and Coronary CT Angiography. <i>BioMed Research International</i> , <b>2020</b> , 2020, 6909130	3	

140	Impacts of AD-Related and Variants on Default Mode Network Connectivity in Healthy Middle-Age Adults. <i>Frontiers in Molecular Neuroscience</i> , <b>2020</b> , 13, 145	6.1	3
139	Postchemotherapy hippocampal functional connectivity patterns in patients with breast cancer: a longitudinal resting state functional MR imaging study. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1456-1467	4.1	11
138	CT FFR for Ischemia-Specific CAD With a New Computational Fluid Dynamics Algorithm: A Chinese Multicenter Study. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 980-990	8.4	29
137	Artificial Intelligence in the Management of Intracranial Aneurysms: Current Status and Future Perspectives. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 373-379	4.4	24
136	Thyroid gland delineation in noncontrast-enhanced CT using deep convolutional neural networks. <i>Physics in Medicine and Biology</i> , <b>2020</b> ,	3.8	1
135	Diagnostic Performance of Machine Learning Based CT-FFR in Detecting Ischemia in Myocardial Bridging and Concomitant Proximal Atherosclerotic Disease. <i>Canadian Journal of Cardiology</i> , <b>2019</b> , 35, 1523-1533	3.8	10
134	Multiparametric Functional Magnetic Resonance Imaging for Evaluating Renal Allograft Injury. <i>Korean Journal of Radiology</i> , <b>2019</b> , 20, 894-908	6.9	10
133	The effect of prophylactic oral vitamin C use on DNA double-strand breaks after abdominal contrast-enhanced CT: A preliminary study. <i>European Journal of Radiology</i> , <b>2019</b> , 117, 69-74	4.7	1
132	Diagnostic performance of fractional flow reserve derived from coronary CT angiography for detection of lesion-specific ischemia: A multi-center study and meta-analysis. <i>European Journal of Radiology</i> , <b>2019</b> , 116, 90-97	4.7	18
131	Machine Learning Using CT-FFR Predicts Proximal Atherosclerotic Plaque Formation Associated With LAD Myocardial Bridging. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1591-1593	8.4	6
130	Chemotherapy-induced brain changes in breast cancer survivors: evaluation with multimodality magnetic resonance imaging. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 1799-1814	4.1	22
129	Deteriorated functional and structural brain networks and normally appearing functional-structural coupling in diabetic kidney disease: a graph theory-based magnetic resonance imaging study. <i>European Radiology</i> , <b>2019</b> , 29, 5577-5589	8	10
128	Coronary CT angiography radiation dose trends: A 10-year analysis to develop institutional diagnostic reference levels. <i>European Journal of Radiology</i> , <b>2019</b> , 113, 140-147	4.7	7
127	Cardiovascular magnetic resonance imaging for amyloidosis: The state-of-the-art. <i>Trends in Cardiovascular Medicine</i> , <b>2019</b> , 29, 83-94	6.9	10
126	Combination of Functional Magnetic Resonance Imaging and Histopathologic Analysis to Evaluate Interstitial Fibrosis in Kidney Allografts. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 1372-1380	6.9	21
125	Uric Acid Has Different Effects on Spontaneous Brain Activities of Males and Females: A Cross-Sectional Resting-State Functional MR Imaging Study. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 763	5.1	7
124	The gut microbiota-inflammation-brain axis in end-stage renal disease: perspectives from default mode network. <i>Theranostics</i> , <b>2019</b> , 9, 8171-8181	12.1	22
123	The effect of abdominal contrast-enhanced CT on DNA double-strand breaks in peripheral blood lymphocytes: an in vitro and in vivo study. <i>Acta Radiologica</i> , <b>2019</b> , 60, 687-693	2	4



122	A Patient With Multiple Coronary Artery Aneurysms. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 388-389	16.2	1
121	Computer-assisted detection of acute pulmonary embolism at CT pulmonary angiography in children and young adults: a diagnostic performance analysis. <i>Acta Radiologica</i> , <b>2019</b> , 60, 1011-1019	2	1
120	Fractional flow reserve derived from CCTA may have a prognostic role in myocardial bridging. <i>European Radiology</i> , <b>2019</b> , 29, 3017-3026	8	8
119	Sensitive, Real-Time, and In-Vivo Oxygen Monitoring for Photodynamic Therapy by Multifunctional Mesoporous Nanosensors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 187-194	9.5	16
118	Molecular imaging of diabetes and diabetic complications: Beyond pancreatic islet targeting. <i>Advanced Drug Delivery Reviews</i> , <b>2019</b> , 139, 32-50	18.5	8
117	Oxygen-Evolving Mesoporous Organosilica Coated Prussian Blue Nanoplatfor for Highly Efficient Photodynamic Therapy of Tumors. <i>Advanced Science</i> , <b>2018</b> , 5, 1700847	13.6	86
116	Multidrug Resistance: In Situ shRNA Synthesis on DNA-Polylactide Nanoparticles to Treat Multidrug Resistant Breast Cancer (Adv. Mater. 10/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870064	24	
115	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7184-7188	3.6	9
114	Non-contrast-enhanced magnetic resonance angiography: a reliable clinical tool for evaluating transplant renal artery stenosis. <i>European Radiology</i> , <b>2018</b> , 28, 4195-4204	8	12
113	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7066-7070	16.4	86
112	Comparison of the effect of radiation exposure from dual-energy CT versus single-energy CT on double-strand breaks at CT pulmonary angiography. <i>European Journal of Radiology</i> , <b>2018</b> , 101, 92-96	4.7	8
111	Multimodal MR imaging in hepatic encephalopathy: state of the art. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 661-671	3.9	8
110	In Situ shRNA Synthesis on DNA-Polylactide Nanoparticles to Treat Multidrug Resistant Breast Cancer. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705737	24	48
109	Neuroinflammation, Gut Microbiome, and Alzheimer's Disease. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 8243-8250	8.5	51
108	Different Hippocampus Functional Connectivity Patterns in Healthy Young Adults with Mutations of APP/Presenilin-1/2 and APOE $\epsilon$ 4. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 3439-3450	6.2	14
107	Re-Establishing Brain Networks in Patients with ESRD after Successful Kidney Transplantation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2018</b> , 13, 109-117	6.9	16
106	Functional Evaluation of Transplanted Kidneys with Reduced Field-of-View Diffusion-Weighted Imaging at 3T. <i>Korean Journal of Radiology</i> , <b>2018</b> , 19, 201-208	6.9	8
105	Ag-HPBs by a coating-etching strategy and their derived injectable implants for enhanced tumor photothermal treatment. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 439-445	9.3	3

104	Acute kidney injury in patients with nephrotic syndrome undergoing contrast-enhanced CT for suspected venous thromboembolism: a propensity score-matched retrospective cohort study. <i>European Radiology</i> , <b>2018</b> , 28, 1585-1593	8	10
103	Gadolinium Deposition in Brain: Current Scientific Evidence and Future Perspectives. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 335	6.1	92
102	Neuroinflammation in acute hepatic encephalopathy rats: imaging and therapeutic effectiveness evaluation using C-PK11195 and F-DPA-714 micro-positron emission tomography. <i>Metabolic Brain Disease</i> , <b>2018</b> , 33, 1733-1742	3.9	5
101	Altered Amygdala Resting-State Functional Connectivity in Maintenance Hemodialysis End-Stage Renal Disease Patients with Depressive Mood. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 2223-2233	6.2	22
100	Lower functional connectivity of default mode network in cognitively normal young adults with mutation of APP, presenilins and APOE $\epsilon$ . <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 818-828	4.1	10
99	Cerebral CT angiography with iterative reconstruction at 70kVp and 30mL iodinated contrast agent: Initial experience. <i>European Journal of Radiology</i> , <b>2017</b> , 88, 102-108	4.7	6
98	Predictive value of perfusion defects on dual energy CTA in the absence of thromboembolic clots. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 183-187	2.8	16
97	State-of-the-Art Pulmonary CT Angiography for Acute Pulmonary Embolism. <i>American Journal of Roentgenology</i> , <b>2017</b> , 208, 495-504	5.4	59
96	Severity-specific alterations in CBF, OEF and CMRO2 in cirrhotic patients with hepatic encephalopathy. <i>European Radiology</i> , <b>2017</b> , 27, 4699-4709	8	11
95	Radiology research in mainland China in the past 10 years: a survey of original articles published in Radiology and European Radiology. <i>European Radiology</i> , <b>2017</b> , 27, 4379-4382	8	2
94	Prospectively ECG-triggered high-pitch coronary CT angiography at 70 kVp with 30mL contrast agent: An intraindividual comparison with sequential scanning at 120 kVp with 60mL contrast agent. <i>European Journal of Radiology</i> , <b>2017</b> , 90, 97-105	4.7	19
93	Digital subtraction CT angiography for the detection of posterior inferior cerebellar artery aneurysms: comparison with digital subtraction angiography. <i>European Radiology</i> , <b>2017</b> , 27, 3744-3751	8	1
92	Gold nanorod embedded large-pore mesoporous organosilica nanospheres for gene and photothermal cooperative therapy of triple negative breast cancer. <i>Nanoscale</i> , <b>2017</b> , 9, 1466-1474	7.7	34
91	Multiparametric functional magnetic resonance imaging for evaluation of hepatic warm ischemia-reperfusion injury in a rabbit model. <i>BMC Gastroenterology</i> , <b>2017</b> , 17, 161	3	5
90	Altered amygdala and hippocampus effective connectivity in mild cognitive impairment patients with depression: a resting-state functional MR imaging study with granger causality analysis. <i>Oncotarget</i> , <b>2017</b> , 8, 25021-25031	3.3	20
89	Diabetes Mellitus is Associated with More Severe Brain Spontaneous Activity Impairment and Gray Matter Loss in Patients with Cirrhosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 7775	4.9	6
88	Altered spontaneous brain activity pattern in cognitively normal young adults carrying mutations of APP, presenilin-1/2 and APOE $\epsilon$ . <i>European Journal of Radiology</i> , <b>2017</b> , 95, 18-23	4.7	3
87	Small Intracranial Aneurysms: Diagnostic Accuracy of CT Angiography. <i>Radiology</i> , <b>2017</b> , 285, 941-952	20.5	26



86	Radiation Optimized Dual-source Dual-energy Computed Tomography Pulmonary Angiography: Intra-individual and Inter-individual Comparison. <i>Academic Radiology</i> , <b>2017</b> , 24, 13-21	4.3	5
85	Disrupted functional connectivity density in irritable bowel syndrome patients. <i>Brain Imaging and Behavior</i> , <b>2017</b> , 11, 1812-1822	4.1	29
84	Dynamic contrast enhanced MR imaging for evaluation of angiogenesis of hepatocellular nodules in liver cirrhosis in N-nitrosodiethylamine induced rat model. <i>European Radiology</i> , <b>2017</b> , 27, 2086-2094	8	9
83	Detection of pulmonary fat embolism with dual-energy CT: an experimental study in rabbits. <i>European Radiology</i> , <b>2017</b> , 27, 1377-1385	8	2
82	Decreased Coupling Between Functional Connectivity Density and Amplitude of Low Frequency Fluctuation in Non-Neuropsychiatric Systemic Lupus Erythematosus: a Resting-Stage Functional MRI Study. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5225-5235	6.2	16
81	PET/MR Imaging: New Frontier in Alzheimer's Disease and Other Dementias. <i>Frontiers in Molecular Neuroscience</i> , <b>2017</b> , 10, 343	6.1	36
80	Elevated global cerebral blood flow, oxygen extraction fraction and unchanged metabolic rate of oxygen in young adults with end-stage renal disease: an MRI study. <i>European Radiology</i> , <b>2016</b> , 26, 1732-41	8	16
79	Brain Default Mode Network Changes after Renal Transplantation: A Diffusion-Tensor Imaging and Resting-State Functional MR Imaging Study. <i>Radiology</i> , <b>2016</b> , 278, 485-95	20.5	29
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