Long Jiang Zhang

List of Publications by Citations

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	Coronavirus Disease 2019 (COVID-19): A Perspective from China. *Radiology*, **2020**, 296, E15-E25	20.5	899
210	Gadolinium Deposition in Brain: Current Scientific Evidence and Future Perspectives. *Frontiers in Molecular Neuroscience*, **2018**, 11, 335	6.1	92
209	A deep learning approach to characterize 2019 coronavirus disease (COVID-19) pneumonia in chest CT images. *European Radiology*, **2020**, 30, 6517-6527	8	89
208	Oxygen-Evolving Mesoporous Organosilica Coated Prussian Blue Nanoplatform for Highly Efficient Photodynamic Therapy of Tumors. *Advanced Science*, **2018**, 5, 1700847	13.6	86
207	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. *Angewandte Chemie - International Edition*, **2018**, 57, 7066-7070	16.4	86
206	Risk factors for adverse clinical outcomes with COVID-19 in China: a multicenter, retrospective, observational study. *Theranostics*, **2020**, 10, 6372-6383	12.1	81
205	A bi-adjuvant nanovaccine that potentiates immunogenicity of neoantigen for combination immunotherapy of colorectal cancer. *Science Advances*, **2020**, 6, eaaw6071	14.3	65
204	Dual-energy CT lung ventilation/perfusion imaging for diagnosing pulmonary embolism. *European Radiology*, **2013**, 23, 2666-75	8	62
203	Predominant gray matter volume loss in patients with end-stage renal disease: a voxel-based morphometry study. *Metabolic Brain Disease*, **2013**, 28, 647-54	3.9	60
202	State-of-the-Art Pulmonary CT Angiography for Acute Pulmonary Embolism. *American Journal of Roentgenology*, **2017**, 208, 495-504	5.4	59
201	High-pitch computed tomography pulmonary angiography with iterative reconstruction at 80 kVp and 20 mL contrast agent volume. *European Radiology*, **2014**, 24, 3260-8	8	59
200	A Multifunctional PB@mSiO2-PEG/DOX Nanoplatform for Combined Photothermal-Chemotherapy of Tumor. *ACS Applied Materials & Interfaces*, **2016**, 8, 17038-46	9.5	59
199	Altered brain functional connectivity in patients with cirrhosis and minimal hepatic encephalopathy: a functional MR imaging study. *Radiology*, **2012**, 265, 528-36	20.5	56
198	Brain default-mode network abnormalities in hepatic encephalopathy: a resting-state functional MRI study. *Human Brain Mapping*, **2012**, 33, 1384-92	5.9	54
197	Feasibility of prospectively ECG-triggered high-pitch coronary CT angiography with 30 mL iodinated contrast agent at 70 kVp: initial experience. *European Radiology*, **2014**, 24, 1537-46	8	53
196	Contrast-induced nephropathy in CT: incidence, risk factors and strategies for prevention. *European Radiology*, **2016**, 26, 3310-8	8	52
195	Neuroinflammation, Gut Microbiome, and Alzheimer's Disease. *Molecular Neurobiology*, **2018**, 55, 8243-8250	12.50	51

194	Detection of pulmonary embolism using dual-energy computed tomography and correlation with cardiovascular measurements: a preliminary study. *Acta Radiologica*, **2009**, 50, 892-901	2	50
193	In Situ shRNA Synthesis on DNA-Polylactide Nanoparticles to Treat Multidrug Resistant Breast Cancer. *Advanced Materials*, **2018**, 30, 1705737	24	48
192	Intrinsic brain abnormalities in irritable bowel syndrome and effect of anxiety and depression. *Brain Imaging and Behavior*, **2016**, 10, 1127-1134	4.1	45
191	Image quality, radiation dose, and diagnostic accuracy of prospectively ECG-triggered high-pitch coronary CT angiography at 70 kVp in a clinical setting: comparison with invasive coronary angiography. *European Radiology*, **2016**, 26, 797-806	8	43
190	Pulmonary embolism and renal vein thrombosis in patients with nephrotic syndrome: prospective evaluation of prevalence and risk factors with CT. *Radiology*, **2014**, 273, 897-906	20.5	43
189	The effect of hepatic encephalopathy, hepatic failure, and portosystemic shunt on brain volume of cirrhotic patients: a voxel-based morphometry study. *PLoS ONE*, **2012**, 7, e42824	3.7	41
188	Low tube voltage and low contrast material volume cerebral CT angiography. *European Radiology*, **2014**, 24, 1677-85	8	38
187	Abnormal Intrinsic Brain Activity Patterns in Patients with End-Stage Renal Disease Undergoing Peritoneal Dialysis: A Resting-State Functional MR Imaging Study. *Radiology*, **2016**, 278, 181-9	20.5	37
186	Delivery of therapeutic radioisotopes using nanoparticle platforms: potential benefit in systemic radiation therapy. *Nanotechnology, Science and Applications*, **2010**, 3, 159-70	3.9	37
185	Dual-energy CT based vascular iodine analysis improves sensitivity for peripheral pulmonary artery thrombus detection: an experimental study in canines. *European Journal of Radiology*, **2013**, 82, 2270-8	4.7	36
184	PET/MR Imaging: New Frontier in Alzheimer's Disease and Other Dementias. *Frontiers in Molecular Neuroscience*, **2017**, 10, 343	6.1	36
183	Aberrant default-mode functional connectivity in patients with end-stage renal disease: a resting-state functional MR imaging study. *Radiology*, **2014**, 271, 543-52	20.5	36
182	Novel CT-guided coil localization of peripheral pulmonary nodules prior to video-assisted thoracoscopic surgery: a pilot study. *Acta Radiologica*, **2014**, 55, 699-706	2	36
181	Diffuse interstitial brain edema in patients with end-stage renal disease undergoing hemodialysis: a tract-based spatial statistics study. *Medicine (United States)*, **2014**, 93, e313	1.8	35
180	Gold nanorod embedded large-pore mesoporous organosilica nanospheres for gene and photothermal cooperative therapy of triple negative breast cancer. *Nanoscale*, **2017**, 9, 1466-1474	7.7	34
179	Altered brain functional connectivity in hemodialysis patients with end-stage renal disease: a resting-state functional MR imaging study. *Metabolic Brain Disease*, **2014**, 29, 777-86	3.9	33
178	Grey and white matter abnormalities in minimal hepatic encephalopathy: a study combining voxel-based morphometry and tract-based spatial statistics. *European Radiology*, **2013**, 23, 3370-8	8	33
177	Evaluation of pulmonary embolism in pediatric patients with nephrotic syndrome with dual energy CT pulmonary angiography. *Academic Radiology*, **2012**, 19, 341-8	4.3	33

176	Radiation dose and image quality of 70 kVp cerebral CT angiography with optimized sinogram-affirmed iterative reconstruction: comparison with 120 kVp cerebral CT angiography. *European Radiology*, **2015**, 25, 1453-63	8	31
175	Computed tomography of acute pulmonary embolism: state-of-the-art. *European Radiology*, **2015**, 25, 2547-57	8	31
174	Progress and prospect on imaging diagnosis of COVID-19. *Chinese Journal of Academic Radiology*, **2020**, 3, 1-10	1	31
173	Topological Reorganization of the Default Mode Network in Irritable Bowel Syndrome. *Molecular Neurobiology*, **2016**, 53, 6585-6593	6.2	31
172	Brain Default Mode Network Changes after Renal Transplantation: A Diffusion-Tensor Imaging and Resting-State Functional MR Imaging Study. *Radiology*, **2016**, 278, 485-95	20.5	29
171	Disrupted functional connectivity density in irritable bowel syndrome patients. *Brain Imaging and Behavior*, **2017**, 11, 1812-1822	4.1	29
170	High-pitch coronary CT angiography at 70 kVp with low contrast medium volume: comparison of 80 and 100 kVp high-pitch protocols. *Medicine (United States)*, **2014**, 93, e92	1.8	29
169	CT FFR for Ischemia-Specific CAD With a New Computational Fluid Dynamics Algorithm: A Chinese Multicenter Study. *JACC: Cardiovascular Imaging*, **2020**, 13, 980-990	8.4	29
168	Abnormal Amygdala Resting-State Functional Connectivity in Irritable Bowel Syndrome. *American Journal of Neuroradiology*, **2016**, 37, 1139-45	4.4	27
167	Dual-energy CT imaging of thoracic malignancies. *Cancer Imaging*, **2013**, 13, 81-91	5.6	27
166	Disrupted functional connectivity of the anterior cingulate cortex in cirrhotic patients without overt hepatic encephalopathy: a resting state fMRI study. *PLoS ONE*, **2013**, 8, e53206	3.7	27
165	The impact of hemodialysis on cognitive dysfunction in patients with end-stage renal disease: a resting-state functional MRI study. *Metabolic Brain Disease*, **2015**, 30, 1247-56	3.9	26
164	70-kVp High-pitch Computed Tomography Pulmonary Angiography with 40 mL Contrast Agent: Initial Experience. *Academic Radiology*, **2015**, 22, 1562-70	4.3	26
163	Small Intracranial Aneurysms: Diagnostic Accuracy of CT Angiography. *Radiology*, **2017**, 285, 941-952	20.5	26
162	Quantitative dual energy CT measurements in rabbit VX2 liver tumors: Comparison to perfusion CT measurements and histopathological findings. *European Journal of Radiology*, **2012**, 81, 1766-75	4.7	26
161	Psychological morbidities and fatigue in patients with confirmed COVID-19 during disease outbreak: prevalence and associated biopsychosocial risk factors **2020**,		26
160	A deep-learning pipeline for the diagnosis and discrimination of viral, non-viral and COVID-19 pneumonia from chest X-ray images. *Nature Biomedical Engineering*, **2021**, 5, 509-521	19	25
159	Disrupted small world networks in patients without overt hepatic encephalopathy: a resting state fMRI study. *European Journal of Radiology*, **2014**, 83, 1890-9	4.7	24

158	Image quality and radiation dose of lower extremity CT angiography using 70 kVp, high pitch acquisition and sinogram-affirmed iterative reconstruction. *PLoS ONE*, **2014**, 9, e99112	3.7	24
157	Artificial Intelligence in the Management of Intracranial Aneurysms: Current Status and Future Perspectives. *American Journal of Neuroradiology*, **2020**, 41, 373-379	4.4	24
156	Altered Amygdala Resting-State Functional Connectivity in Maintenance Hemodialysis End-Stage Renal Disease Patients with Depressive Mood. *Molecular Neurobiology*, **2017**, 54, 2223-2233	6.2	22
155	Chemotherapy-induced brain changes in breast cancer survivors: evaluation with multimodality magnetic resonance imaging. *Brain Imaging and Behavior*, **2019**, 13, 1799-1814	4.1	22
154	PET/MRI of central nervous system: current status and future perspective. *European Radiology*, **2016**, 26, 3534-41	8	22
153	Diagnostic accuracy of three-dimensional contrast-enhanced MR angiography at 3-T for acute pulmonary embolism detection: comparison with multidetector CT angiography. *International Journal of Cardiology*, **2013**, 168, 4775-83	3.2	22
152	The gut microbiota-inflammation-brain axis in end-stage renal disease: perspectives from default mode network. *Theranostics*, **2019**, 9, 8171-8181	12.1	22
151	Combination of Functional Magnetic Resonance Imaging and Histopathologic Analysis to Evaluate Interstitial Fibrosis in Kidney Allografts. *Clinical Journal of the American Society of Nephrology: CJASN*, **2019**, 14, 1372-1380	6.9	21
150	Altered amygdala and hippocampus effective connectivity in mild cognitive impairment patients with depression: a resting-state functional MR imaging study with granger causality analysis. *Oncotarget*, **2017**, 8, 25021-25031	3.3	20
149	Metabolic changes of anterior cingulate cortex in patients with hepatic cirrhosis: A magnetic resonance spectroscopy study. *Hepatology Research*, **2010**, 40, 777-85	5.1	20
148	A clinically applicable deep-learning model for detecting intracranial aneurysm in computed tomography angiography images. *Nature Communications*, **2020**, 11, 6090	17.4	20
147	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. *European Journal of Radiology*, **2017**, 90, 97-105	4.7	19
146	Pifithrin-α incorporated in gold nanoparticle amplifies pro-apoptotic unfolded protein response cascades to potentiate synergistic glioblastoma therapy. *Biomaterials*, **2020**, 232, 119677	15.6	19
145	Diagnostic performance of fractional flow reserve derived from coronary CT angiography for detection of lesion-specific ischemia: A multi-center study and meta-analysis. *European Journal of Radiology*, **2019**, 116, 90-97	4.7	18
144	Prevalence and types of coronary to pulmonary artery fistula in a Chinese population at dual-source CT coronary angiography. *Acta Radiologica*, **2014**, 55, 1031-9	2	18
143	Anemia rather than hypertension contributes to cerebral hyperperfusion in young adults undergoing hemodialysis: A phase contrast MRI study. *Scientific Reports*, **2016**, 6, 22346	4.9	18
142	Seventy-Peak Kilovoltage High-Pitch Thoracic Aortic CT Angiography without ECG Gating: Evaluation of Image Quality and Radiation Dose. *Academic Radiology*, **2015**, 22, 890-7	4.3	17
141	Disturbed Interhemispheric Functional Connectivity Rather than Structural Connectivity in Irritable Bowel Syndrome. *Frontiers in Molecular Neuroscience*, **2016**, 9, 141	6.1	17

140	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. *European Radiology*, **2016**, 26, 1732-41	8	16
139	Predictive value of perfusion defects on dual energy CTA in the absence of thromboembolic clots. *Journal of Cardiovascular Computed Tomography*, **2017**, 11, 183-187	2.8	16
138	Multidetector computed tomography pulmonary angiography in childhood acute pulmonary embolism. *Pediatric Radiology*, **2015**, 45, 1431-9	2.8	16
137	Re-Establishing Brain Networks in Patients with ESRD after Successful Kidney Transplantation. *Clinical Journal of the American Society of Nephrology: CJASN*, **2018**, 13, 109-117	6.9	16
136	Three-dimensional contrast-enhanced magnetic resonance venography for detection of renal vein thrombosis: comparison with multidetector CT venography. *Acta Radiologica*, **2013**, 54, 1125-31	2	16
135	Decreased Coupling Between Functional Connectivity Density and Amplitude of Low Frequency Fluctuation in Non-Neuropsychiatric Systemic Lupus Erythematosus: a Resting-Stage Functional MRI Study. *Molecular Neurobiology*, **2017**, 54, 5225-5235	6.2	16
134	Anatomical investigation of the sinus node artery using dual-source computed tomography. *Circulation Journal*, **2008**, 72, 1615-20	2.9	16
133	Sensitive, Real-Time, and In-Vivo Oxygen Monitoring for Photodynamic Therapy by Multifunctional Mesoporous Nanosensors. *ACS Applied Materials & Interfaces*, **2019**, 11, 187-194	9.5	16
132	Altered long- and short-range functional connectivity in the patients with end-stage renal disease: a resting-state functional MRI study. *Metabolic Brain Disease*, **2015**, 30, 1175-86	3.9	15
131	Quantitative measurements of brain iron deposition in cirrhotic patients using susceptibility mapping. *Acta Radiologica*, **2015**, 56, 339-46	2	15
130	Image quality and radiation dose of lower extremity CT angiography at 70 kVp on an integrated circuit detector dual-source computed tomography. *Acta Radiologica*, **2015**, 56, 659-65	2	15
129	Different Hippocampus Functional Connectivity Patterns in Healthy Young Adults with Mutations of APP/Presenilin-1/2 and APOEϵ4. *Molecular Neurobiology*, **2018**, 55, 3439-3450	6.2	14
128	Resting-state functional magnetic resonance imaging in hepatic encephalopathy: current status and perspectives. *Metabolic Brain Disease*, **2014**, 29, 569-82	3.9	14
127	Role of local and distant functional connectivity density in the development of minimal hepatic encephalopathy. *Scientific Reports*, **2015**, 5, 13720	4.9	14
126	Resting-state functional MR imaging shed insights into the brain of diabetes. *Metabolic Brain Disease*, **2016**, 31, 993-1002	3.9	14
125	Comparison of automated and manual DWI-ASPECTS in acute ischemic stroke: total and region-specific assessment. *European Radiology*, **2021**, 31, 4130-4137	8	14
124	Abnormal functional connectivity within the default mode network in patients with HBV-related cirrhosis without hepatic encephalopathy revealed by resting-state functional MRI. *Brain Research*, **2014**, 1576, 73-80	3.7	13
123	Dual energy computed tomography demonstrated lung ventilation/perfusion mismatch in a 19-year-old patient with pulmonary embolism. *Circulation*, **2012**, 126, 2441-3	16.7	13

122	Dynamic Contrast-Enhanced Magnetic Resonance Imaging with Gd-EOB-DTPA for the Evaluation of Liver Fibrosis Induced by Carbon Tetrachloride in Rats. *PLoS ONE*, **2015**, 10, e0129621	3.7	13
121	Liver transplantation nearly normalizes brain spontaneous activity and cognitive function at 1 month: a resting-state functional MRI study. *Metabolic Brain Disease*, **2015**, 30, 979-88	3.9	12
120	Non-contrast-enhanced magnetic resonance angiography: a reliable clinical tool for evaluating transplant renal artery stenosis. *European Radiology*, **2018**, 28, 4195-4204	8	12
119	PET and MR imaging of neuroinflammation in hepatic encephalopathy. *Metabolic Brain Disease*, **2015**, 30, 31-45	3.9	12
118	Severity-specific alterations in CBF, OEF and CMRO2 in cirrhotic patients with hepatic encephalopathy. *European Radiology*, **2017**, 27, 4699-4709	8	11
117	The influence of image quality on diagnostic performance of a machine learning-based fractional flow reserve derived from coronary CT angiography. *European Radiology*, **2020**, 30, 2525-2534	8	11
116	Brain regional homogeneity changes following transjugular intrahepatic portosystemic shunt in cirrhotic patients support cerebral adaptability theory--a resting-state functional MRI study. *European Journal of Radiology*, **2014**, 83, 578-83	4.7	11
115	Multimodality MRI Findings in Patients with End-Stage Renal Disease. *BioMed Research International*, **2015**, 2015, 697402	3	11
114	Noninvasive diagnosis of bronchial artery aneurysm using dual-source computed tomography angiography. *Acta Radiologica*, **2008**, 49, 291-4	2	11
113	CHIMGEN: a Chinese imaging genetics cohort to enhance cross-ethnic and cross-geographic brain research. *Molecular Psychiatry*, **2020**, 25, 517-529	15.1	11
112	Automated left ventricular myocardium segmentation using 3D deeply supervised attention U-net for coronary computed tomography angiography; CT myocardium segmentation. *Medical Physics*, **2020**, 47, 1775-1785	4.4	11
111	(18)F-DPA-714 PET Imaging for Detecting Neuroinflammation in Rats with Chronic Hepatic Encephalopathy. *Theranostics*, **2016**, 6, 1220-31	12.1	11
110	Postchemotherapy hippocampal functional connectivity patterns in patients with breast cancer: a longitudinal resting state functional MR imaging study. *Brain Imaging and Behavior*, **2020**, 14, 1456-1467	4.1	11
109	Lower functional connectivity of default mode network in cognitively normal young adults with mutation of APP, presenilins and APOE 4. *Brain Imaging and Behavior*, **2017**, 11, 818-828	4.1	10
108	Diagnostic Performance of Machine Learning Based CT-FFR in Detecting Ischemia in Myocardial Bridging and Concomitant Proximal Atherosclerotic Disease. *Canadian Journal of Cardiology*, **2019**, 35, 1523-1533	3.8	10
107	Multiparametric Functional Magnetic Resonance Imaging for Evaluating Renal Allograft Injury. *Korean Journal of Radiology*, **2019**, 20, 894-908	6.9	10
106	Deteriorated functional and structural brain networks and normally appearing functional-structural coupling in diabetic kidney disease: a graph theory-based magnetic resonance imaging study. *European Radiology*, **2019**, 29, 5577-5589	8	10
105	Cardiovascular magnetic resonance imaging for amyloidosis: The state-of-the-art. *Trends in Cardiovascular Medicine*, **2019**, 29, 83-94	6.9	10

104	Non-Electrocardiogram-Triggered 70-kVp High-Pitch Computed Tomography Angiography of the Whole Aorta With Iterative Reconstruction: Initial Results. *Journal of Computer Assisted Tomography*, **2016**, 40, 109-17	2.2	10
103	Acute kidney injury in patients with nephrotic syndrome undergoing contrast-enhanced CT for suspected venous thromboembolism: a propensity score-matched retrospective cohort study. *European Radiology*, **2018**, 28, 1585-1593	8	10
102	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. *European Radiology*, **2020**, 30, 5841-5851	8	9
101	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. *European Radiology*, **2020**, 30, 5170-5182	8	9
100	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. *Angewandte Chemie*, **2018**, 130, 7184-7188	3.6	9
99	Dynamic contrast enhanced MR imaging for evaluation of angiogenesis of hepatocellular nodules in liver cirrhosis in N-nitrosodiethylamine induced rat model. *European Radiology*, **2017**, 27, 2086-2094	8	9
98	Carbogen gas-challenge blood oxygen level-dependent magnetic resonance imaging in hepatocellular carcinoma: Initial results. *Oncology Letters*, **2015**, 10, 2009-2014	2.6	9
97	One-stop-shop preoperative evaluation for living liver donors with gadoxetic acid disodium-enhanced magnetic resonance imaging: efficiency and additional benefit. *Clinical Transplantation*, **2015**, 29, 1164-72	3.8	9
96	Altered modular organization of functional connectivity networks in cirrhotic patients without overt hepatic encephalopathy. *BioMed Research International*, **2014**, 2014, 727452	3	9
95	Feasibility of gadolinium-enhanced dual energy CT pulmonary angiography: a pilot study in rabbits. *International Journal of Cardiovascular Imaging*, **2011**, 27, 1069-80	2.5	9
94	Image quality, radiation dose and diagnostic accuracy of 70 kVp whole brain volumetric CT perfusion imaging: a preliminary study. *European Radiology*, **2016**, 26, 4184-4193	8	9
93	Liver injury monitoring, fibrosis staging and inflammation grading using T1rho magnetic resonance imaging: an experimental study in rats with carbon tetrachloride intoxication. *BMC Gastroenterology*, **2020**, 20, 14	3	8
92	Comparison of the effect of radiation exposure from dual-energy CT versus single-energy CT on double-strand breaks at CT pulmonary angiography. *European Journal of Radiology*, **2018**, 101, 92-96	4.7	8
91	Multimodal MR imaging in hepatic encephalopathy: state of the art. *Metabolic Brain Disease*, **2018**, 33, 661-671	3.9	8
90	Chronic thromboembolic pulmonary hypertension: Comparison of dual-energy computed tomography and single photon emission computed tomography in canines. *European Journal of Radiology*, **2016**, 85, 498-506	4.7	8
89	Functional Evaluation of Transplanted Kidneys with Reduced Field-of-View Diffusion-Weighted Imaging at 3T. *Korean Journal of Radiology*, **2018**, 19, 201-208	6.9	8
88	Hemodynamic alterations in unilateral chronic middle cerebral artery stenosis patients and the effect of percutaneous transluminal angioplasty and stenting: a perfusion-computed tomography study. *Acta Radiologica*, **2015**, 56, 754-60	2	8
87	Takayasu's arteritis involving the pulmonary arteries: evaluation by quantitative dual-energy computed tomographic pulmonary angiography. *European Heart Journal*, **2012**, 33, 928	9.5	8

86	Radiomics: The Next Frontier of Cardiac Computed Tomography. *Circulation: Cardiovascular Imaging*, **2021**, 14, e011747	3.9	8
85	AI-based analysis of CT images for rapid triage of COVID-19 patients. *Npj Digital Medicine*, **2021**, 4, 75	15.7	8
84	Fractional flow reserve derived from CCTA may have a prognostic role in myocardial bridging. *European Radiology*, **2019**, 29, 3017-3026	8	8
83	Molecular imaging of diabetes and diabetic complications: Beyond pancreatic β-cell targeting. *Advanced Drug Delivery Reviews*, **2019**, 139, 32-50	18.5	8
82	The effect of coronary calcification on diagnostic performance of machine learning-based CT-FFR: a Chinese multicenter study. *European Radiology*, **2021**, 31, 1482-1493	8	8
81	Coronary CT angiography radiation dose trends: A 10-year analysis to develop institutional diagnostic reference levels. *European Journal of Radiology*, **2019**, 113, 140-147	4.7	7
80	Uric Acid Has Different Effects on Spontaneous Brain Activities of Males and Females: A Cross-Sectional Resting-State Functional MR Imaging Study. *Frontiers in Neuroscience*, **2019**, 13, 763	5.1	7
79	Network-level functional connectivity alterations in chemotherapy treated breast cancer patients: a longitudinal resting state functional MRI study. *Cancer Imaging*, **2020**, 20, 73	5.6	7
78	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. *Frontiers in Oncology*, **2020**, 10, 1042	5.3	7
77	Cerebral CTA with Low Tube Voltage and Low Contrast Material Volume for Detection of Intracranial Aneurysms. *American Journal of Neuroradiology*, **2016**, 37, 1774-1780	4.4	7
76	Cerebral CT angiography with iterative reconstruction at 70kVp and 30mL iodinated contrast agent: Initial experience. *European Journal of Radiology*, **2017**, 88, 102-108	4.7	6
75	Machine Learning Using CT-FFR Predicts Proximal Atherosclerotic Plaque Formation Associated With LAD Myocardial Bridging. *JACC: Cardiovascular Imaging*, **2019**, 12, 1591-1593	8.4	6
74	Diabetes Mellitus is Associated with More Severe Brain Spontaneous Activity Impairment and Gray Matter Loss in Patients with Cirrhosis. *Scientific Reports*, **2017**, 7, 7775	4.9	6
73	Multiphase evaluation of myocardial bridging with dual-source computed tomography. *Acta Radiologica*, **2009**, 50, 775-80	2	6
72	Current Status of Etiology, Epidemiology, Clinical Manifestations and Imagings for COVID-19. *Korean Journal of Radiology*, **2020**, 21, 1138-1149	6.9	6
71	Advanced gastric cancer: CT radiomics prediction and early detection of downstaging with neoadjuvant chemotherapy. *European Radiology*, **2021**, 31, 8765-8774	8	6
70	Gut dysbiosis-influence on amygdala-based functional activity in patients with end stage renal disease: a preliminary study. *Brain Imaging and Behavior*, **2020**, 14, 2731-2744	4.1	5
69	Multiparametric functional magnetic resonance imaging for evaluation of hepatic warm ischemia-reperfusion injury in a rabbit model. *BMC Gastroenterology*, **2017**, 17, 161	3	5

68	Prospectively ECG-triggered high-pitch 80 kVp coronary computed tomography angiography with 30 mL of 270 mg I/mL contrast material and iterative reconstruction. *Acta Radiologica*, **2016**, 57, 287-94 [2]	2	5
67	Can virtual non-enhanced CT be used to replace true non-enhanced CT for the detection of palpable cervical lymph nodes? A preliminary study. *Japanese Journal of Radiology*, **2014**, 32, 324-30	2.9	5
66	Radiation Optimized Dual-source Dual-energy Computed Tomography Pulmonary Angiography: Intra-individual and Inter-individual Comparison. *Academic Radiology*, **2017**, 24, 13-21	4.3	5
65	Infection Control and Management Strategy for COVID-19 in the Radiology Department: Focusing on Experiences from China. *Korean Journal of Radiology*, **2020**, 21, 851-858	6.9	5
64	Similarity and diversity of spontaneous brain activity in functional dyspepsia subtypes. *Acta Radiologica*, **2020**, 61, 927-935	2	5
63	Feasibility and prognostic role of machine learning-based FFR in patients with stent implantation. *European Radiology*, **2021**, 31, 6592-6604	8	5
62	Neuroinflammation in acute hepatic encephalopathy rats: imaging and therapeutic effectiveness evaluation using C-PK11195 and F-DPA-714 micro-positron emission tomography. *Metabolic Brain Disease*, **2018**, 33, 1733-1742	3.9	5
61	Multidetector computed tomography of superior mesenteric artery: anatomy and pathologies. *Canadian Association of Radiologists Journal*, **2014**, 65, 267-74	3.9	4
60	Dye-loaded mesoporous polydopamine nanoparticles for multimodal tumor theranostics with enhanced immunogenic cell death. *Journal of Nanobiotechnology*, **2021**, 19, 365	9.4	4
59	Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve in Patients with Anomalous Origin of the Right Coronary Artery from the Left Coronary Sinus. *Korean Journal of Radiology*, **2020**, 21, 192-202	6.9	4
58	Prognostic implication of CT-FFR based functional SYNTAX score in patients with de novo three-vessel disease. *European Heart Journal Cardiovascular Imaging*, **2020**,	4.1	4
57	Single Phase Dual-energy CT Angiography: One-stop-shop Tool for Evaluating Aneurysmal Subarachnoid Hemorrhage. *Scientific Reports*, **2016**, 6, 26704	4.9	4
56	The effect of abdominal contrast-enhanced CT on DNA double-strand breaks in peripheral blood lymphocytes: an in vitro and in vivo study. *Acta Radiologica*, **2019**, 60, 687-693	2	4
55	Machine Learning-Based Prediction of Small Intracranial Aneurysm Rupture Status Using CTA-Derived Hemodynamics: A Multicenter Study. *American Journal of Neuroradiology*, **2021**, 42, 648-654	4.4	4
54	Whole-brain CT perfusion combined with CT angiography for ischemic complications following microsurgical clipping and endovascular coiling of ruptured intracranial aneurysms. *Journal of Clinical Neuroscience*, **2016**, 26, 50-6	2.2	3
53	Altered spontaneous brain activity pattern in cognitively normal young adults carrying mutations of APP, presenilin-1/2 and APOE ɛ4. *European Journal of Radiology*, **2017**, 95, 18-23	4.7	3
52	Functional-structural relationship in large-scale brain networks of patients with end stage renal disease after kidney transplantation: A longitudinal study. *Human Brain Mapping*, **2020**, 41, 328-341	5.9	3
51	Impacts of AD-Related and Variants on Default Mode Network Connectivity in Healthy Middle-Age Adults. *Frontiers in Molecular Neuroscience*, **2020**, 13, 145	6.1	3

50	Combination of computed tomography imaging-based radiomics and clinicopathological characteristics for predicting the clinical benefits of immune checkpoint inhibitors in lung cancer. *Respiratory Research*, **2021**, 22, 189	7.3	3
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