

Song Bin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/960632/song-bin-publications-by-year.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189 papers	2,371 citations	21 h-index	43 g-index
212 ext. papers	3,473 ext. citations	5 avg, IF	6.02 L-index

#	Paper	IF	Citations
189	Deep learning-based AI model for signet-ring cell carcinoma diagnosis and chemotherapy response prediction in gastric cancer.. <i>Medical Physics</i> , 2022 ,	4.4	1
188	Detecting brain lesions in suspected acute ischemic stroke with CT-based synthetic MRI using generative adversarial networks.. <i>Annals of Translational Medicine</i> , 2022 , 10, 35	3.2	1
187	Radiomics of Contrast-Enhanced Computed Tomography: A Potential Biomarker for Pretreatment Prediction of the Response to Calmette-Guerin Immunotherapy in Non-Muscle-Invasive Bladder Cancer.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 814388	5.7	0
186	Multi-parameter diffusion and perfusion magnetic resonance imaging and radiomics nomogram for preoperative evaluation of aquaporin-1 expression in rectal cancer.. <i>Abdominal Radiology</i> , 2022 , 47, 1276	3.3	0
185	New Liver MR Imaging Hallmarks for Small Hepatocellular Carcinoma Screening and Diagnosing in High-Risk Patients.. <i>Frontiers in Oncology</i> , 2022 , 12, 812832	5.3	0
184	Standard diffusion-weighted, diffusion kurtosis and intravoxel incoherent motion MR imaging of the whole placenta: a pilot study of volumetric analysis.. <i>Annals of Translational Medicine</i> , 2022 , 10, 269	3.2	
183	Predicting Genomic Alterations of Phosphatidylinositol-3 Kinase Signaling in Hepatocellular Carcinoma: A Radiogenomics Study Based on Next-Generation Sequencing and Contrast-Enhanced CT.. <i>Annals of Surgical Oncology</i> , 2022 , 1	3.1	1
182	Identification of diffusion weighted imaging would be affected before and after Gd-EOB-DTPA in patients with focal hepatic lesions: an observational study.. <i>Annals of Translational Medicine</i> , 2022 , 10, 346	3.2	
181	Multiparametric Magnetic Resonance Imaging Improves the Prognostic Outcomes in Patients With Intrahepatic Cholangiocarcinoma After Curative-Intent Resection.. <i>Frontiers in Oncology</i> , 2022 , 12, 756726	5.3	
180	Quantitative measurements of esophageal varices using computed tomography for prediction of severe varices and the risk of bleeding: a preliminary study.. <i>Insights Into Imaging</i> , 2022 , 13, 47	5.6	0
179	Impact of Reference Standard on CT, MRI, and Contrast-enhanced US LI-RADS Diagnosis of Hepatocellular Carcinoma: A Meta-Analysis.. <i>Radiology</i> , 2022 , 212340	20.5	0
178	Radiomics signature: A potential biomarker for Errestin1 phosphorylation prediction in hepatocellular carcinoma.. <i>World Journal of Gastroenterology</i> , 2022 , 28, 1479-1493	5.6	0
177	Computed Tomography-Based Texture Features for the Risk Stratification of Portal Hypertension and Prediction of Survival in Patients With Cirrhosis: A Preliminary Study.. <i>Frontiers in Medicine</i> , 2022 , 9, 863596	4.9	0
176	Biparametric magnetic resonance imaging assessment for detection of muscle-invasive bladder cancer: a systematic review and meta-analysis.. <i>European Radiology</i> , 2022 , 1	8	0
175	The value of multi-parameter diffusion and perfusion magnetic resonance imaging for evaluating epithelial-mesenchymal transition in rectal cancer.. <i>European Journal of Radiology</i> , 2022 , 150, 110245	4.7	1
174	Association of prostate zonal volume with location and aggressiveness of clinically significant prostate cancer: A multiparametric MRI study according to PI-RADS version 2.1.. <i>European Journal of Radiology</i> , 2022 , 150, 110268	4.7	
173	Noninvasive imaging of hepatic dysfunction: A state-of-the-art review.. <i>World Journal of Gastroenterology</i> , 2022 , 28, 1625-1640	5.6	

172	Comparison of a preoperative MR-based recurrence risk score versus the postoperative score and four clinical staging systems in hepatocellular carcinoma: a retrospective cohort study.. <i>European Radiology</i> , 2022 , 1	8	0
171	Deep Learning Using CT Images to Grade Clear Cell Renal Cell Carcinoma: Development and Validation of a Prediction Model. <i>Cancers</i> , 2022 , 14, 2574	6.6	0
170	Integration of PEG-conjugated gadolinium complex and superparamagnetic iron oxide nanoparticles as - dual-mode magnetic resonance imaging probes. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbab064	5.3	2
169	Predictive Value of Metabolic Parameters Derived From F-FDG PET/CT for Microsatellite Instability in Patients With Colorectal Carcinoma. <i>Frontiers in Immunology</i> , 2021 , 12, 724464	8.4	1
168	Computed tomography-based radiomics for predicting lymphovascular invasion in rectal cancer. <i>European Journal of Radiology</i> , 2021 , 146, 110065	4.7	1
167	Advances in magnetic resonance imaging contrast agents for glioblastoma-targeting theranostics. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbab062	5.3	2
166	CT/MRI and CEUS LI-RADS Major Features Association with Hepatocellular Carcinoma: Individual Patient Data Meta-Analysis. <i>Radiology</i> , 2021 , 211244	20.5	4
165	Imaging evaluation of the pancreas in diabetic patients. <i>Abdominal Radiology</i> , 2021 , 1	3	0
164	Advanced Imaging Techniques for Differentiating Pseudoprogression and Tumor Recurrence After Immunotherapy for Glioblastoma.. <i>Frontiers in Immunology</i> , 2021 , 12, 790674	8.4	2
163	Radiomics in hepatocellular carcinoma: A state-of-the-art review. <i>World Journal of Gastrointestinal Oncology</i> , 2021 , 13, 1599-1615	3.4	1
162	Enhanced computed tomography features predict pancreatic neuroendocrine neoplasm with Ki-67 index less than 5.. <i>European Journal of Radiology</i> , 2021 , 147, 110100	4.7	
161	Preoperative prediction of gastrointestinal stromal tumors with high Ki-67 proliferation index based on CT features. <i>Annals of Translational Medicine</i> , 2021 , 9, 1556	3.2	1
160	Multidetector CT Characteristics of Fumarate Hydratase-Deficient Renal Cell Carcinoma and Papillary Type II Renal Cell Carcinoma. <i>Korean Journal of Radiology</i> , 2021 , 22, 1996-2005	6.9	0
159	Insight into gastrointestinal heterotopic pancreas: imaging evaluation and differential diagnosis. <i>Insights Into Imaging</i> , 2021 , 12, 144	5.6	3
158	Multi-Omics and Its Clinical Application in Hepatocellular Carcinoma: Current Progress and Future Opportunities. <i>Chinese Medical Sciences Journal</i> , 2021 , 36, 173-186	1.3	
157	MRI of Temporomandibular Joint Disorders: Recent Advances and Future Directions. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 54, 1039-1052	5.6	1
156	Large-scale screening of COVID-19 from community acquired pneumonia using infection size-aware classification. <i>Physics in Medicine and Biology</i> , 2021 ,	3.8	111
155	Magnetic resonance elastography biomarkers for detection of histologic alterations in nonalcoholic fatty liver disease in the absence of fibrosis. <i>European Radiology</i> , 2021 , 31, 8408-8419	8	1

154	Tetraphenylethylene-conjugated polycation covered iron oxide nanoparticles for magnetic resonance/optical dual-mode imaging. <i>International Journal of Energy Production and Management</i> , 2021 , 8, rbab023	5.3	3
153	External validation study of the 8 edition of the American Joint Committee on Cancer staging system for perihilar cholangiocarcinoma: a single-center experience in China and proposal for simplification. <i>Journal of Gastrointestinal Oncology</i> , 2021 , 12, 806-818	2.8	2
152	Macrotrabecular-massive hepatocellular carcinoma: imaging identification and prediction based on gadoteric acid-enhanced magnetic resonance imaging. <i>European Radiology</i> , 2021 , 31, 7696-7704	8	4
151	Prediction of Microvascular Invasion in Hepatocellular Carcinoma via Deep Learning: A Multi-Center and Prospective Validation Study. <i>Cancers</i> , 2021 , 13,	6.6	9
150	Arterial Spin Labeling MRI for Predicting Microvascular Invasion of T1 Staging Renal Clear Cell Carcinoma Preoperatively. <i>Frontiers in Oncology</i> , 2021 , 11, 644975	5.3	0
149	Container CT scanner: a solution for modular emergency radiology department during the COVID-19 pandemic. <i>Diagnostic and Interventional Radiology</i> , 2021 , 27, 350-353	3.2	2
148	Development and validation of preoperative magnetic resonance imaging-based survival predictive nomograms for patients with perihilar cholangiocarcinoma after radical resection: A pilot study. <i>European Journal of Radiology</i> , 2021 , 138, 109631	4.7	1
147	Development and validation of MRI-based deep learning models for prediction of microsatellite instability in rectal cancer. <i>Cancer Medicine</i> , 2021 , 10, 4164-4173	4.8	6
146	Role of imaging in evaluating the response after neoadjuvant treatment for pancreatic ductal adenocarcinoma. <i>World Journal of Gastroenterology</i> , 2021 , 27, 3037-3049	5.6	4
145	High Gene Expression Is Associated With Poor Prognosis in Glioma Patients. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 679684	5.7	
144	Prediction of Remnant Liver Regeneration after Right Hepatectomy in Patients with Hepatocellular Carcinoma Using Preoperative CT Texture Analysis and Clinical Features. <i>Contrast Media and Molecular Imaging</i> , 2021 , 2021, 5572470	3.2	1
143	Development and Validation of Noninvasive MRI-Based Signature for Preoperative Prediction of Early Recurrence in Perihilar Cholangiocarcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2021 ,	5.6	5
142	Childhood Thoracic Rhabdomyosarcoma. <i>Radiology</i> , 2021 , 300, 38	20.5	
141	Application of artificial intelligence in gastrointestinal disease: a narrative review. <i>Annals of Translational Medicine</i> , 2021 , 9, 1188	3.2	0
140	Value of artificial intelligence model based on unenhanced computed tomography of urinary tract for preoperative prediction of calcium oxalate monohydrate stones. <i>Annals of Translational Medicine</i> , 2021 , 9, 1129	3.2	2
139	Artificial Intelligence in the Imaging of Gastric Cancer: Current Applications and Future Direction. <i>Frontiers in Oncology</i> , 2021 , 11, 631686	5.3	0
138	Coronavirus disease 2019 (COVID-19): two case reports from a family cluster. <i>Annals of Palliative Medicine</i> , 2021 , 10, 2338-2342	1.7	2
137	An International Survey of Quality and Safety Programs in Radiology. <i>Canadian Association of Radiologists Journal</i> , 2021 , 72, 135-141	3.9	2

136	Imaging of hepatocellular carcinoma: a pilot international survey. <i>Abdominal Radiology</i> , 2021 , 46, 205-215	2	
135	Use of computed tomography for distinguishing heterotopic pancreas from gastrointestinal stromal tumor and leiomyoma. <i>Abdominal Radiology</i> , 2021 , 46, 168-178	3	1
134	LI-RADS category 5 hepatocellular carcinoma: preoperative gadoxetic acid-enhanced MRI for early recurrence risk stratification after curative resection. <i>European Radiology</i> , 2021 , 31, 2289-2302	8	10
133	Contrast-associated acute kidney injury: An update of risk factors, risk factor scores, and preventive measures. <i>Clinical Imaging</i> , 2021 , 69, 354-362	2.7	6
132	Joint prediction and time estimation of COVID-19 developing severe symptoms using chest CT scan. <i>Medical Image Analysis</i> , 2021 , 67, 101824	15.4	41
131	Potential role of imaging for assessing acute pancreatitis-induced acute kidney injury. <i>British Journal of Radiology</i> , 2021 , 94, 20200802	3.4	1
130	Diagnosis of LI-RADS M lesions on gadoxetate-enhanced MRI: identifying cholangiocarcinoma-containing tumor with serum markers and imaging features. <i>European Radiology</i> , 2021 , 31, 3638-3648	8	7
129	Intrahepatic cholangiocarcinoma: MRI texture signature as predictive biomarkers of immunophenotyping and survival. <i>European Radiology</i> , 2021 , 31, 3661-3672	8	3
128	Hypergraph learning for identification of COVID-19 with CT imaging. <i>Medical Image Analysis</i> , 2021 , 68, 101910	15.4	22
127	Anatomic Variation of the Cystic Artery: New Findings and Potential Implications. <i>Journal of Investigative Surgery</i> , 2021 , 34, 276-283	1.2	
126	Outcomes of Augmentation in Osteoporotic Vertebral Compression Fractures Showing a Cleft Sign on MRI. <i>CardioVascular and Interventional Radiology</i> , 2021 , 44, 428-435	2.7	0
125	Development and validation of magnetic resonance imaging-based radiomics models for preoperative prediction of microsatellite instability in rectal cancer. <i>Annals of Translational Medicine</i> , 2021 , 9, 134	3.2	9
124	Gastrointestinal stromal tumors: associations between contrast-enhanced CT images and KIT exon 11 gene mutation. <i>Annals of Translational Medicine</i> , 2021 , 9, 1496	3.2	0
123	Is Additional Systematic Biopsy Necessary in All Initial Prostate Biopsy Patients With Abnormal MRI?. <i>Frontiers in Oncology</i> , 2021 , 11, 643051	5.3	0
122	Computing infection distributions and longitudinal evolution patterns in lung CT images. <i>BMC Medical Imaging</i> , 2021 , 21, 57	2.9	0
121	Combining initial chest CT with clinical variables in differentiating coronavirus disease 2019 (COVID-19) pneumonia from influenza pneumonia. <i>Scientific Reports</i> , 2021 , 11, 6422	4.9	1
120	Nanoprobe-Based Magnetic Resonance Imaging of Hypoxia Predicts Responses to Radiotherapy, Immunotherapy, and Sensitizing Treatments in Pancreatic Tumors. <i>ACS Nano</i> , 2021 ,	16.7	10
119	Liver stiffness measurement by magnetic resonance elastography is not affected by hepatic steatosis. <i>European Radiology</i> , 2021 , 1	8	1

118	Virtual or real: lifelike cinematic rendering of adrenal tumors. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 3854-3866	3.6	0
117	Retro-enantio isomer of angiopep-2 assists nanoprobe across the blood-brain barrier for targeted magnetic resonance/fluorescence imaging of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 309	2.1	7
116	Tumor Mutational Burden Predicting the Efficacy of Immune Checkpoint Inhibitors in Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , 2021 , 12, 751407	8.4	4
115	Role of noninvasive imaging in the evaluation of intrahepatic cholangiocarcinoma: from diagnosis and prognosis to treatment response. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021 , 15, 1267-1279	4.2	2
114	Radiomics for predicting perineural invasion status in rectal cancer. <i>World Journal of Gastroenterology</i> , 2021 , 27, 5610-5621	5.6	1
113	Computed Tomography-Based Radiomics for Preoperative Prediction of Tumor Deposits in Rectal Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 710248	5.3	0
112	CT-derived quantitative liver volumetric parameters for prediction of severe esophageal varices and the risk of first variceal hemorrhage. <i>European Journal of Radiology</i> , 2021 , 144, 109984	4.7	2
111	Massive Calcified Epithelioid Hemangioendothelioma With Multifocal Involvement: An Imaging Diagnosis Dilemma and a Rare Case Report.. <i>Frontiers in Oncology</i> , 2021 , 11, 782970	5.3	1
110	A Bounding Box-Based Radiomics Model for Detecting Occult Peritoneal Metastasis in Advanced Gastric Cancer: A Multicenter Study.. <i>Frontiers in Oncology</i> , 2021 , 11, 777760	5.3	0
109	Current and Potential Applications of Artificial Intelligence in Gastrointestinal Stromal Tumor Imaging. <i>Contrast Media and Molecular Imaging</i> , 2020 , 2020, 6058159	3.2	1
108	Liver injury in COVID-19: Diagnosis and associated factors. <i>Liver International</i> , 2020 , 40, 2040-2041	7.9	8
107	Performance of LI-RADS version 2018 CT treatment response algorithm in tumor response evaluation and survival prediction of patients with single hepatocellular carcinoma after radiofrequency ablation. <i>Annals of Translational Medicine</i> , 2020 , 8, 388	3.2	12
106	Prognosticators of intravoxel incoherent motion (IVIM) MRI for adverse maternal and neonatal clinical outcomes in patients with placenta accreta spectrum disorders. <i>Translational Andrology and Urology</i> , 2020 , 9, 258-266	2.3	6
105	COVID-19 Related Liver Injury: Call for International Consensus. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 2848-2851	6.9	9
104	A New Diagnostic Criterion with Gadoteric Acid-Enhanced MRI May Improve the Diagnostic Performance for Hepatocellular Carcinoma. <i>Liver Cancer</i> , 2020 , 9, 414-425	9.1	1
103	Quantitative analysis of chest CT imaging findings with the risk of ARDS in COVID-19 patients: a preliminary study. <i>Annals of Translational Medicine</i> , 2020 , 8, 594	3.2	17
102	Abdominal magnetic resonance imaging examination of Tibetan patients with abnormal iron metabolism and a preliminary study of correlations with blood cell analysis. <i>Journal of International Medical Research</i> , 2020 , 48, 300060520905483	1.4	
101	CT Manifestations and Clinical Characteristics of 1115 Patients with Coronavirus Disease 2019 (COVID-19): A Systematic Review and Meta-analysis. <i>Academic Radiology</i> , 2020 , 27, 910-921	4.3	36

100	Background Parenchymal Enhancement on Contrast-Enhanced Spectral Mammography: Influence of Age, Breast Density, Menstruation Status, and Menstrual Cycle Timing. <i>Scientific Reports</i> , 2020 , 10, 8608	4.9	4
99	Radiomics in liver diseases: Current progress and future opportunities. <i>Liver International</i> , 2020 , 40, 2050-2063	3.2	27
98	Assessing Liver Function in Liver Tumors Patients: The Performance of T1 Mapping and Residual Liver Volume on Gd-EOBDTPA-Enhanced MRI. <i>Frontiers in Medicine</i> , 2020 , 7, 215	4.9	2
97	Preoperative prediction of hepatocellular carcinoma with highly aggressive characteristics using quantitative parameters derived from hepatobiliary phase MR images. <i>Annals of Translational Medicine</i> , 2020 , 8, 85	3.2	1
96	Differentiation combined hepatocellular and cholangiocarcinoma from intrahepatic cholangiocarcinoma based on radiomics machine learning. <i>Annals of Translational Medicine</i> , 2020 , 8, 119	3.2	19
95	Chest CT manifestations of new coronavirus disease 2019 (COVID-19): a pictorial review. <i>European Radiology</i> , 2020 , 30, 4381-4389	8	671
94	Development and validation of a radiomics model based on T2WI images for preoperative prediction of microsatellite instability status in rectal cancer: Study Protocol Clinical Trial (SPIRIT Compliant). <i>Medicine (United States)</i> , 2020 , 99, e19428	1.8	6
93	The Battle Against Coronavirus Disease 2019 (COVID-19): Emergency Management and Infection Control in a Radiology Department. <i>Journal of the American College of Radiology</i> , 2020 , 17, 710-716	3.5	75
92	A precision medicine approach to managing 2019 novel coronavirus pneumonia. <i>Precision Clinical Medicine</i> , 2020 , 3, 14-21	6.7	29
91	Retrospective imaging studies of gastric cancer: Study protocol clinical trial (SPIRIT Compliant). <i>Medicine (United States)</i> , 2020 , 99, e19157	1.8	8
90	Two-dimensional shear wave elastography for significant liver fibrosis in patients with chronic hepatitis B: A systematic review and meta-analysis. <i>European Journal of Radiology</i> , 2020 , 124, 108839	4.7	5
89	Evaluating the correlation of the impairment between skeletal muscle and heart using MRI in a spontaneous type 2 diabetes mellitus rhesus monkey model. <i>Acta Diabetologica</i> , 2020 , 57, 673-679	3.9	1
88	COVID-19: A review of what radiologists need to know. <i>World Journal of Clinical Cases</i> , 2020 , 8, 5501-5512	126	1
87	Elastography for Longitudinal Assessment of Liver Fibrosis after Antiviral Therapy: A Review. <i>Journal of Clinical and Translational Hepatology</i> , 2020 , 8, 445-453	5.2	2
86	Independent Risk Factors of Early Recurrence After Curative Resection for Perihilar Cholangiocarcinoma: Adjuvant Chemotherapy May Be Beneficial in Early Recurrence Subgroup. <i>Cancer Management and Research</i> , 2020 , 12, 13111-13123	3.6	3
85	Multi-modal radiomics model to predict treatment response to neoadjuvant chemotherapy for locally advanced rectal cancer. <i>World Journal of Gastroenterology</i> , 2020 , 26, 2388-2402	5.6	20
84	Value of intravoxel incoherent motion in detecting and staging liver fibrosis: A meta-analysis. <i>World Journal of Gastroenterology</i> , 2020 , 26, 3304-3317	5.6	2
83	Radiomics of rectal cancer for predicting distant metastasis and overall survival. <i>World Journal of Gastroenterology</i> , 2020 , 26, 5008-5021	5.6	8

82	Radiomics in prostate cancer: basic concepts and current state-of-the-art. <i>Chinese Journal of Academic Radiology</i> , 2020 , 2, 47-55	1	8
81	Improved Display of Hepatic Arterial Anatomy Using Differential Subsampling With Cartesian Ordering (DISCO) With Gadoteric Acid-Enhanced MRI: Comparison With Single Arterial Phase MRI and Computed Tomographic Angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 1766-1776	5.6	1
80	Bioactive iron oxide nanoparticles suppress osteoclastogenesis and ovariectomy-induced bone loss through regulating the TRAF6-p62-CYLD signaling complex. <i>Acta Biomaterialia</i> , 2020 , 103, 281-292	10.8	19
79	Can LI-RADS imaging features at gadoteric acid-enhanced MRI predict aggressive features on pathology of single hepatocellular carcinoma?. <i>European Journal of Radiology</i> , 2020 , 132, 109312	4.7	8
78	Prediction of clinically relevant pancreatic fistula after pancreatic surgery using preoperative CT scan: A systematic review and meta-analysis. <i>Pancreatology</i> , 2020 , 20, 1558-1565	3.8	3
77	Machine learning: an approach to preoperatively predict PD-1/PD-L1 expression and outcome in intrahepatic cholangiocarcinoma using MRI biomarkers. <i>ESMO Open</i> , 2020 , 5, e000910	6	10
76	Deep Convolutional Neural Network Based on Computed Tomography Images for the Preoperative Diagnosis of Occult Peritoneal Metastasis in Advanced Gastric Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 601869	5.3	7
75	A Quantitative and Radiomics approach to monitoring ARDS in COVID-19 patients based on chest CT: a retrospective cohort study. <i>International Journal of Medical Sciences</i> , 2020 , 17, 1773-1782	3.7	10
74	Gadoteric acid-enhanced MRI radiomics signature: prediction of clinical outcome in hepatocellular carcinoma after surgical resection. <i>Annals of Translational Medicine</i> , 2020 , 8, 870	3.2	10
73	Survival analysis of patients with stage T2a and T2b perihilar cholangiocarcinoma treated with radical resection. <i>BMC Cancer</i> , 2020 , 20, 849	4.8	4
72	Grading of Clear Cell Renal Cell Carcinomas by Using Machine Learning Based on Artificial Neural Networks and Radiomic Signatures Extracted From Multidetector Computed Tomography Images. <i>Academic Radiology</i> , 2020 , 27, 157-168	4.3	14
71	Noninvasive prediction of HCC with progenitor phenotype based on gadoteric acid-enhanced MRI. <i>European Radiology</i> , 2020 , 30, 1232-1242	8	10
70	Differential Diagnosis of Nonhypervascular Pancreatic Neuroendocrine Neoplasms From Pancreatic Ductal Adenocarcinomas, Based on Computed Tomography Radiological Features and Texture Analysis. <i>Academic Radiology</i> , 2020 , 27, 332-341	4.3	6
69	Consensus report from the 8th International Forum for Liver Magnetic Resonance Imaging. <i>European Radiology</i> , 2020 , 30, 370-382	8	32
68	Computed Tomographic Portography with Esophageal Variceal Measurements in the Evaluation of Esophageal Variceal Severity and Assessment of Esophageal Variceal Volume Efficacy. <i>Academic Radiology</i> , 2020 , 27, 528-535	4.3	3
67	Imaging features and mechanisms of novel coronavirus pneumonia (COVID-19): Study Protocol Clinical Trial (SPIRIT Compliant). <i>Medicine (United States)</i> , 2020 , 99, e19900	1.8	7
66	Multiparametric radiomics nomogram may be used for predicting the severity of esophageal varices in cirrhotic patients. <i>Annals of Translational Medicine</i> , 2020 , 8, 186	3.2	4
65	An Unexpected Case Report of Adrenal Lymphangioma: Mimicking Metastatic Tumor on Imaging in a Patient With Pancreatic Cancer. <i>Frontiers in Endocrinology</i> , 2020 , 11, 610744	5.7	

64	Use of Radiomics to Improve Diagnostic Performance of PI-RADS v2.1 in Prostate Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 631831	5.3	6
63	Effects of aging and menopause on pancreatic fat fraction in healthy women population: A strobe-compliant article. <i>Medicine (United States)</i> , 2019 , 98, e14451	1.8	3
62	Preoperative Radiomic Approach to Evaluate Tumor-Infiltrating CD8 T Cells in Hepatocellular Carcinoma Patients Using Contrast-Enhanced Computed Tomography. <i>Annals of Surgical Oncology</i> , 2019 , 26, 4537-4547	3.1	26
61	Chinese consensus on the clinical application of hepatobiliary magnetic resonance imaging contrast agent: Gadoteric acid disodium. <i>Journal of Digestive Diseases</i> , 2019 , 20, 54-61	3.3	5
60	Gadoxetate acid disodium-enhanced MRI: Multiple arterial phases using differential sub-sampling with cartesian ordering (DISCO) may achieve more optimal late arterial phases than the single arterial phase imaging. <i>Magnetic Resonance Imaging</i> , 2019 , 61, 116-123	3.3	3
59	Paraneoplastic pemphigus and myasthenia gravis as the first manifestations of a rare case of pancreatic follicular dendritic cell sarcoma: CT findings and review of literature. <i>BMC Gastroenterology</i> , 2019 , 19, 92	3	7
58	Hepatocellular carcinoma: radiomics nomogram on gadoteric acid-enhanced MR imaging for early postoperative recurrence prediction. <i>Cancer Imaging</i> , 2019 , 19, 22	5.6	50
57	Diffusion kurtosis imaging (DKI) of hepatocellular carcinoma: correlation with microvascular invasion and histologic grade. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 590-602	3.6	20
56	Diagnostic accuracy of hepatic proton density fat fraction measured by magnetic resonance imaging for the evaluation of liver steatosis with histology as reference standard: a meta-analysis. <i>European Radiology</i> , 2019 , 29, 5180-5189	8	16
55	IVIM improves preoperative assessment of microvascular invasion in HCC. <i>European Radiology</i> , 2019 , 29, 5403-5414	8	38
54	Predictive models composed by radiomic features extracted from multi-detector computed tomography images for predicting low- and high- grade clear cell renal cell carcinoma: A STARD-compliant article. <i>Medicine (United States)</i> , 2019 , 98, e13957	1.8	7
53	DWI and T2-Weighted MRI Volumetry in Resectable Rectal Cancer: Correlation With Lymphovascular Invasion and Lymph Node Metastases. <i>American Journal of Roentgenology</i> , 2019 , 1-8	5.4	13
52	Comparison of PET/MRI with multiparametric MRI in diagnosis of primary prostate cancer: A meta-analysis. <i>European Journal of Radiology</i> , 2019 , 113, 225-231	4.7	10
51	The role of contrast-enhanced ultrasound in the diagnosis of hepatic alveolar echinococcosis. <i>Medicine (United States)</i> , 2019 , 98, e14325	1.8	3
50	Accelerated Time-of-Flight Magnetic Resonance Angiography with Sparse Undersampling and Iterative Reconstruction for the Evaluation of Intracranial Arteries. <i>Korean Journal of Radiology</i> , 2019 , 20, 265-274	6.9	7
49	An open label, prospective, multicenter, non-interventional study of iodixanol 270 mg I/mL for use in individuals undergoing computed tomography angiography in real-world clinical practice. <i>Acta Radiologica</i> , 2019 , 60, 177-185	2	3
48	Double contrast-enhanced ultrasound improves the detection and localization of occult lesions in the pancreatic tail: a initial experience report. <i>Abdominal Radiology</i> , 2019 , 44, 559-567	3	2
47	Intravoxel incoherent motion diffusion-weighted imaging for assessment of histologic grade of hepatocellular carcinoma: comparison of three methods for positioning region of interest. <i>European Radiology</i> , 2019 , 29, 535-544	8	24

46	Esophageal carcinoma: Intravoxel incoherent motion diffusion-weighted MRI parameters and histopathological correlations. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 253-261	5.6	11
45	3D Multi-Echo Dixon technique for simultaneous assessment of liver steatosis and iron overload in patients with chronic liver diseases: a feasibility study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019 , 9, 1014-1024	3.6	12
44	Role of medical imaging for immune checkpoint blockade therapy: From response assessment to prognosis prediction. <i>Cancer Medicine</i> , 2019 , 8, 5399-5413	4.8	12
43	Iron oxide nanoparticles promote vascular endothelial cells survival from oxidative stress by enhancement of autophagy. <i>International Journal of Energy Production and Management</i> , 2019 , 6, 221-229	5.3	12
42	Hepatocellular carcinoma: Can LI-RADS v2017 with gadoxetic-acid enhancement magnetic resonance and diffusion-weighted imaging improve diagnostic accuracy?. <i>World Journal of Gastroenterology</i> , 2019 , 25, 622-631	5.6	15
41	Imaging and clinical features of Castleman Disease. <i>Cancer Imaging</i> , 2019 , 19, 53	5.6	15
40	Noninvasive imaging diagnosis of sinusoidal obstruction syndrome: a pictorial review. <i>Insights Into Imaging</i> , 2019 , 10, 110	5.6	7
39	Sinusoidal obstruction syndrome: A systematic review of etiologies, clinical symptoms, and magnetic resonance imaging features. <i>World Journal of Clinical Cases</i> , 2019 , 7, 2746-2759	1.6	2
38	Texture analysis on gadoxetic acid enhanced-MRI for predicting Ki-67 status in hepatocellular carcinoma: A prospective study. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2019 , 31, 806-817	3.8	13
37	Iron oxide nanoparticles promote macrophage autophagy and inflammatory response through activation of toll-like Receptor-4 signaling. <i>Biomaterials</i> , 2019 , 203, 23-30	15.6	55
36	Diagnostic utility of CT for small bowel obstruction: Systematic review and meta-analysis. <i>PLoS ONE</i> , 2019 , 14, e0226740	3.7	13
35	Gadobutrol Precedes Gd-DTPA in Abdominal Contrast-Enhanced MRA and MRI: A Prospective, Multicenter, Intraindividual Study. <i>Contrast Media and Molecular Imaging</i> , 2019 , 2019, 9738464	3.2	2
34	Ewing@ sarcoma/primitive neuroectodermal tumor of the kidney: a case report and literature review. <i>Translational Andrology and Urology</i> , 2019 , 8, 562-566	2.3	2
33	Man or machine? Prospective comparison of the version 2018 EASL, LI-RADS criteria and a radiomics model to diagnose hepatocellular carcinoma. <i>Cancer Imaging</i> , 2019 , 19, 84	5.6	17
32	Two-dimensional Texture Analysis Based on CT Images to Differentiate Pancreatic Lymphoma and Pancreatic Adenocarcinoma: A Preliminary Study. <i>Academic Radiology</i> , 2019 , 26, e189-e195	4.3	21
31	In vitro and in vivo anticoagulant activity of heparin-like biomacromolecules and the mechanism analysis for heparin-mimicking activity. <i>International Journal of Biological Macromolecules</i> , 2019 , 122, 784-792	7.9	16
30	Quantification of pancreatic fat with dual-echo imaging at 3.0-T MR in clinical application: how do the corrections for T1 and T2* relaxation effect work and simplified correction strategy. <i>Acta Radiologica</i> , 2018 , 59, 1021-1028	2	4
29	Glucose as a stimulation agent in the BOLD functional magnetic resonance imaging for liver cirrhosis and hepatocellular carcinoma: a feasibility study. <i>Abdominal Radiology</i> , 2018 , 43, 607-612	3	3

28	Quantitative free-breathing dynamic contrast-enhanced MRI in hepatocellular carcinoma using gadoxetic acid: correlations with Ki67 proliferation status, histological grades, and microvascular density. <i>Abdominal Radiology</i> , 2018 , 43, 1393-1403	3	14
27	Intrahepatic cholangiocarcinoma in the setting of HBV-related cirrhosis: Differentiation with hepatocellular carcinoma by using Intravoxel incoherent motion diffusion-weighted MR imaging. <i>Oncotarget</i> , 2018 , 9, 7975-7983	3.3	11
26	Non-invasive Imaging Grading of Liver Fibrosis. <i>Journal of Clinical and Translational Hepatology</i> , 2018 , 6, 198-207	5.2	18
25	2D/3D CMR tissue tracking versus CMR tagging in the assessment of spontaneous T2DM rhesus monkeys with isolated diastolic dysfunction. <i>BMC Medical Imaging</i> , 2018 , 18, 47	2.9	6
24	Left ventricle primary cardiac fibroma in an adult: A case report. <i>Oncology Letters</i> , 2018 , 16, 5463-5465	2.6	5
23	Noninvasive imaging of hepatocellular carcinoma: From diagnosis to prognosis. <i>World Journal of Gastroenterology</i> , 2018 , 24, 2348-2362	5.6	59
22	Hepatocellular Carcinoma: In Vivo Evaluation of Water Percentage as a Prognostic Biomarker Using Magnetic Resonance Imaging 3D-VIBE Multiecho Dixon. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018 , 33, 300-306	3.9	0
21	Oxygen and Glucose as Stimulation Agents for BOLD Functional MR Imaging of Rabbit Liver: A Feasibility Study. <i>Magnetic Resonance in Medical Sciences</i> , 2018 , 17, 145-150	2.9	2
20	Imaging evaluation of sorafenib for treatment of advanced hepatocellular carcinoma. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research</i> , 2018 , 30, 382-394	3.8	2
19	Liver fibrosis: in vivo evaluation using intravoxel incoherent motion-derived histogram metrics with histopathologic findings at 3.0 T. <i>Abdominal Radiology</i> , 2017 , 42, 2855-2863	3	11
18	Gadoxetic acid disodium-enhanced magnetic resonance imaging outperformed multidetector computed tomography in diagnosing small hepatocellular carcinoma: A meta-analysis. <i>Liver Transplantation</i> , 2017 , 23, 1505-1518	4.5	40
17	Qualitative and Quantitative Assessment of Abdominal and Pelvic CT Image Quality Using Iopromide With Different Concentrations of Iodine (300 and 370 mg I/mL). <i>American Journal of Roentgenology</i> , 2017 , 209, 904-910	5.4	2
16	Meta-analysis of dual-energy computed tomography virtual non-calcium imaging to detect bone marrow edema. <i>European Journal of Radiology</i> , 2017 , 95, 124-129	4.7	17
15	Liver fibrosis staging with diffusion-weighted imaging: a systematic review and meta-analysis. <i>Abdominal Radiology</i> , 2017 , 42, 490-501	3	35
14	Accuracy of contrast-enhanced ultrasound compared with conventional ultrasound in acute pancreatitis: Diagnosis and complication monitoring. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 3189-3194	2.1	7
13	Dual-energy computed tomography for characterizing urinary calcified calculi and uric acid calculi: A meta-analysis. <i>European Journal of Radiology</i> , 2016 , 85, 1843-1848	4.7	19
12	Diagnostic performance of diffusion-weighted magnetic resonance imaging in differentiating human renal lesions (benignity or malignancy): a meta-analysis. <i>Abdominal Radiology</i> , 2016 , 41, 1997-2010	3	17
11	Primary follicular thyroid carcinoma metastasis to the kidney and widespread dissemination: A case report. <i>Oncology Letters</i> , 2016 , 11, 3293-3297	2.6	2

10	Negatively Charged Magnetite Nanoparticle Clusters as Efficient MRI Probes for Dendritic Cell Labeling and In Vivo Tracking. <i>Advanced Functional Materials</i> , 2015 , 25, 3581-3591	15.6	38
9	Preoperative evaluation of the histological grade of hepatocellular carcinoma with diffusion-weighted imaging: a meta-analysis. <i>PLoS ONE</i> , 2015 , 10, e0117661	3.7	26
8	Plasma fibrinogen lever and risk of coronary heart disease among Chinese population: a systematic review and meta-analysis. <i>International Journal of Clinical and Experimental Medicine</i> , 2015 , 8, 13195-202		6
7	Diagnostic Utility of Diffusion-weighted Magnetic Resonance Imaging in Differentiating Small Solid Renal Tumors (≤ 4 cm) at 3.0T Magnetic Resonance Imaging. <i>Chinese Medical Journal</i> , 2015 , 128, 1444-9	2.9	4
6	Magnetic Resonance Imaging for Monitoring of Magnetic Polyelectrolyte Capsule In Vivo Delivery. <i>BioNanoScience</i> , 2014 , 4, 59-70	3.4	20
5	Delivery of siRNA by MRI-visible nanovehicles to overcome drug resistance in MCF-7/ADR human breast cancer cells. <i>Biomaterials</i> , 2014 , 35, 9495-507	15.6	59
4	Assessment of intrarenal oxygenation in renal donor with blood oxygenation level-dependent magnetic resonance imaging. <i>Urology</i> , 2014 , 83, 1205.e1-5	1.6	1
3	The problem with an Hepatic Artery Injury Postlaparoscopic Cholecystectomy in China. <i>Pakistan Journal of Medical Sciences</i> , 2014 , 30, 226	2	
2	Near-infrared fluorescent amphiphilic polycation wrapped magnetite nanoparticles as multimodality probes. <i>Science Bulletin</i> , 2012 , 57, 4012-4018		12
1	Amphiphilic dextran/magnetite nanocomposites as magnetic resonance imaging probes. <i>Science Bulletin</i> , 2009 , 54, 2925-2933		14