Hong-Mei Zhang

List of Publications by Year
in descending order

		840728	610883
32 papers	**680** citations	**11** h-index	**24** g-index
34 all docs	**34** docs citations	**34** times ranked	**1025** citing authors

#	Article	IF	Citations
1	Can CT-based radiomics signature predict KRAS/NRAS/BRAF mutations in colorectal cancer?. European Radiology, 2018, 28, 2058-2067.	4.5	177
2	Predicting distant metastasis and chemotherapy benefit in locally advanced rectal cancer. Nature Communications, 2020, 11, 4308.	12.8	98
3	Novel radiomic signature as a prognostic biomarker for locally advanced rectal cancer. Journal of Magnetic Resonance Imaging, 2018, 48, 605-614.	3.4	61
4	Machine Learning-based Analysis of Rectal Cancer MRI Radiomics for Prediction of Metachronous Liver Metastasis. Academic Radiology, 2019, 26, 1495-1504.	2.5	51
5	MRI-based delta-radiomics are predictive of pathological complete response after neoadjuvant chemoradiotherapy in locally advanced rectal cancer. Academic Radiology, 2021, 28, S95-S104.	2.5	38
6	MRI texture analysis in predicting treatment response to neoadjuvant chemoradiotherapy in rectal cancer. Oncotarget, 2018, 9, 11999-12008.	1.8	37
7	Chemical shift effect predicting lymph node status in rectal cancer using high-resolution MR imaging with node-for-node matched histopathological validation. European Radiology, 2017, 27, 3845-3855.	4.5	30
8	Quantified ADC histogram analysis: a new method for differentiating mass-forming focal pancreatitis from pancreatic cancer. Acta Radiologica, 2014, 55, 785-792.	1.1	28
9	Selecting Candidates for Organ‐Preserving Strategies After Neoadjuvant Chemoradiotherapy for Rectal Cancer: Development and Validation of a Model Integrating <scp>MRI</scp> Radiomics and Pathomics. Journal of Magnetic Resonance Imaging, 2022, 56, 1130-1142.	3.4	14
10	Prediction of pathological prognostic factors of rectal cancer by relaxation maps from synthetic magnetic resonance imaging. European Journal of Radiology, 2021, 138, 109658.	2.6	13
11	A preliminary study of synthetic magnetic resonance imaging in rectal cancer: imaging quality and preoperative assessment. Insights Into Imaging, 2021, 12, 120.	3.4	13
12	Morphologic predictors of pathological complete response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer. Oncotarget, 2018, 9, 4862-4874.	1.8	13
13	The Predictive Value of Pre-/Postneoadjuvant Chemoradiotherapy MRI Characteristics for Patient Outcomes in Locally Advanced Rectal Cancer. Academic Radiology, 2020, 27, e233-e243.	2.5	11
14	Preoperative evaluation of extramural venous invasion in rectal cancer using radiomics analysis of relaxation maps from synthetic MRI. Abdominal Radiology, 2021, 46, 3815-3825.	2.1	11
15	Developing a prediction model based on MRI for pathological complete response after neoadjuvant chemoradiotherapy in locally advanced rectal cancer. Abdominal Radiology, 2019, 44, 2978-2987.	2.1	10
16	Preoperative volumetric synthetic magnetic resonance imaging of the primary tumor for a more accurate prediction of lymph node metastasis in rectal cancer. Quantitative Imaging in Medicine and Surgery, 2021, 11, 1805-1816.	2.0	10
17	MRI morphologic and clinicopathologic characteristics for predicting outcomes in patients with locally advanced rectal cancer. Abdominal Radiology, 2019, 44, 3652-3663.	2.1	8
18	Submucosal Enhancing Stripe as a Contrast Material–enhanced MRI-based Imaging Feature for the Differentiation of Stage T0–T1 from Early T2 Rectal Cancers. Radiology, 2021, 298, 93-101.	7.3	8

#	Article	IF	Citations
19	Prognostic risk factors and survival models for T3 locally advanced rectal cancer: what can we learn from the baseline MRI?. European Radiology, 2021, 31, 4739-4750.	4.5	7
20	Prediction of false-negative extramural venous invasion in patients with rectal cancer using multiple mathematical models of diffusion-weighted imaging. European Journal of Radiology, 2021, 139, 109731.	2.6	7
21	Histogram models based on intravoxel incoherent motion diffusion-weighted imaging to predict nodal staging of rectal cancer. European Journal of Radiology, 2021, 142, 109869.	2.6	7
22	Magnetic Resonance Imaging Characteristics of Primary Central Nervous System T-cell Lymphoma. Chinese Medical Journal, 2017, 130, 374-376.	2.3	5
23	A magnetic resonance imaging (MRI)-based nomogram for predicting lymph node metastasis in rectal cancer: a node-for-node comparative study of MRI and histopathology. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2586-2597.	2.0	4
24	A Phase II Trial of Concurrent Temozolomide and Hypofractionated Stereotactic Radiotherapy for Complex Brain Metastases. Oncologist, 2019, 24, e914-e920.	3.7	3
25	Different Radiological Criteria for Early Tumor Response Evaluation in Patients With Unresectable Hepatocellular Carcinoma Treated With Anti-PD-1 Antibody Plus Bevacizumab. Frontiers in Oncology, 2022, 12, 848129.	2.8	3
26	<p>Hypofractionated Radiotherapy for 35 Patients with Adrenal Metastases: A Single-Institution Experience</p>. Cancer Management and Research, 2020, Volume 12, 11563-11571.	1.9	2
27	Magnetic resonance imaging tumor response score (mrTRS) predicts therapeutic effect and prognosis of locally advanced rectal cancer after neoadjuvant chemoradiotherapy: A prospective, multi-center study. Radiotherapy and Oncology, 2020, 151, 288-295.	0.6	2
28	Value of multiple models of diffusion-weighted imaging for improving the nodal staging of preoperatively node-negative rectal cancer. Abdominal Radiology, 2021, 46, 4548-4555.	2.1	2
29	Correlation Between the Distance to Mesorectal Fascia and Prognosis of Ct3 Rectal Cancer. Diseases of the Colon and Rectum, 2021, Publish Ahead of Print, .	1.3	2
30	The added value of full and reduced field-of-view apparent diffusion coefficient maps for the evaluation of extramural venous invasion in rectal cancer. Abdominal Radiology, 2022, 47, 48-55.	2.1	2
31	Better prognostic determination of cT3 rectal cancer through measurement of distance to mesorectal fascia: A multicenter study. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2021, 33, 606-615.	2.2	1
32	Predicting perineural invasion using histogram analysis of zoomed EPI diffusion-weighted imaging in rectal cancer. Abdominal Radiology, 0, , .	2.1	1