

Peter Gibbs

List of Publications by Year in descending order

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23
papers

1,189
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to Radiomics. <i>Journal of Nuclear Medicine</i> , 2020, 61, 488-495.	5.0	673
2	MRI-based machine learning radiomics can predict HER2 expression level and pathologic response after neoadjuvant therapy in HER2 overexpressing breast cancer. <i>EBioMedicine</i> , 2020, 61, 103042.	6.1	68
3	Radiomic features of glucose metabolism enable prediction of outcome in mantle cell lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2760-2769.	6.4	55
4	Ultrafast dynamic contrast-enhanced breast MRI may generate prognostic imaging markers of breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 58.	5.0	45
5	Characterization of Sub-1 cm Breast Lesions Using Radiomics Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1468-1477.	3.4	34
6	Multiparametric Integrated 18F-FDG PET/MRI-Based Radiomics for Breast Cancer Phenotyping and Tumor Decoding. <i>Cancers</i> , 2021, 13, 2928.	3.7	34
7	MRI radiomics features of mesorectal fat can predict response to neoadjuvant chemoradiation therapy and tumor recurrence in patients with locally advanced rectal cancer. <i>European Radiology</i> , 2022, 32, 971-980.	4.5	34
8	Improved characterization of sub-centimeter enhancing breast masses on MRI with radiomics and machine learning in BRCA mutation carriers. <i>European Radiology</i> , 2020, 30, 6721-6731.	4.5	31
9	Differentiation between subcentimeter carcinomas and benign lesions using kinetic parameters derived from ultrafast dynamic contrast-enhanced breast MRI. <i>European Radiology</i> , 2020, 30, 756-766.	4.5	28
10	CT-based Radiogenomic Analysis of Clinical Stage I Lung Adenocarcinoma with Histopathologic Features and Oncologic Outcomes. <i>Radiology</i> , 2022, 303, 664-672.	7.3	28
11	Radiomics and Machine Learning with Multiparametric Breast MRI for Improved Diagnostic Accuracy in Breast Cancer Diagnosis. <i>Diagnostics</i> , 2021, 11, 919.	2.6	25
12	[18F]FDG-PET/CT Radiomics for Prediction of Bone Marrow Involvement in Mantle Cell Lymphoma: A Retrospective Study in 97 Patients. <i>Cancers</i> , 2020, 12, 1138.	3.7	24
13	Multiparametric 18F-FDG PET/MRI-Based Radiomics for Prediction of Pathological Complete Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , 2022, 14, 1727.	3.7	20
14	Breast Lesion Classification with Multiparametric Breast MRI Using Radiomics and Machine Learning: A Comparison with Radiologists' Performance. <i>Cancers</i> , 2022, 14, 1743.	3.7	16
15	Radiomics of high-resolution computed tomography for the differentiation between cholesteatoma and middle ear inflammation: effects of post-reconstruction methods in a dual-center study. <i>European Radiology</i> , 2021, 31, 4071-4078.	4.5	13
16	Diagnostic value of radiomics and machine learning with dynamic contrast-enhanced magnetic resonance imaging for patients with atypical ductal hyperplasia in predicting malignant upgrade. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 535-545.	2.5	13
17	CT Radiomic Features for Predicting Resectability and TNM Staging in Thymic Epithelial Tumors. <i>Annals of Thoracic Surgery</i> , 2022, 113, 957-965.	1.3	12
18	Pre-Therapeutic Total Lesion Glycolysis on [18F]FDG-PET Enables Prognostication of 2-Year Progression-Free Survival in MALT Lymphoma Patients Treated with CD20-Antibody-Based Immunotherapy. <i>Molecular Imaging and Biology</i> , 2019, 21, 1192-1199.	2.6	11

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19	Background Parenchymal Enhancement on Breast MRI as a Prognostic Surrogate: Correlation With Breast Cancer Oncotype Dx Score. <i>Frontiers in Oncology</i> , 2020, 10, 595820.	2.8	9
20	Assessing PD-L1 Expression Status Using Radiomic Features from Contrast-Enhanced Breast MRI in Breast Cancer Patients: Initial Results. <i>Cancers</i> , 2021, 13, 6273.	3.7	9
21	Can Follow-up be Avoided for Probably Benign US Masses with No Enhancement on MRI?. <i>European Radiology</i> , 2021, 31, 975-982.	4.5	3
22	Radiogenomics in personalized management of lung cancer patients: Where are we?. <i>Clinical Imaging</i> , 2022, 84, 54-60.	1.5	3
23	Feasibility of contrast-enhanced MRI derived textural features to predict overall survival in locally advanced breast cancer. <i>Acta Radiologica</i> , 2020, 61, 875-884.	1.1	1