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List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

901
citations

623734

14
h-index

477307

29
g-index

37
all docs

37
docs citations

37
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of outcome using pretreatment 18F-FDG PET/CT and MRI radiomics in locally advanced cervical cancer treated with chemoradiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 768-786.	6.4	193
2	External validation of a combined PET and MRI radiomics model for prediction of recurrence in cervical cancer patients treated with chemoradiotherapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 864-877.	6.4	138
3	Performance comparison of modified ComBat for harmonization of radiomic features for multicenter studies. <i>Scientific Reports</i> , 2020, 10, 10248.	3.3	109
4	External Validation of an MRI-Derived Radiomics Model to Predict Biochemical Recurrence after Surgery for High-Risk Prostate Cancer. <i>Cancers</i> , 2020, 12, 814.	3.7	50
5	MRI-derived radiomics: methodology and clinical applications in the field of pelvic oncology. <i>British Journal of Radiology</i> , 2019, 92, 20190105.	2.2	38
6	Inhomogeneous tumor dose distribution provides better local control than homogeneous distribution in stereotactic radiotherapy for brain metastases. <i>Radiotherapy and Oncology</i> , 2019, 130, 132-138.	0.6	36
7	MRI-Derived Radiomics to Guide Post-operative Management for High-Risk Prostate Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 807.	2.8	35
8	Radiomics in PET/CT: Current Status and Future AI-Based Evolutions. <i>Seminars in Nuclear Medicine</i> , 2021, 51, 126-133.	4.6	33
9	Radiomics analysis of 3D dose distributions to predict toxicity of radiotherapy for lung cancer. <i>Radiotherapy and Oncology</i> , 2021, 155, 144-150.	0.6	33
10	[18F]FDG PET radiomics to predict disease-free survival in cervical cancer: a multi-scanner/center study with external validation. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3432-3443.	6.4	32
11	A transfer learning approach to facilitate ComBat-based harmonization of multicentre radiomic features in new datasets. <i>PLoS ONE</i> , 2021, 16, e0253653.	2.5	21
12	Comparison of Radiomics Models Built Through Machine Learning in a Multicentric Context With Independent Testing: Identical Data, Similar Algorithms, Different Methodologies. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 192-200.	3.7	16
13	Convolutional neural networks for PET functional volume fully automatic segmentation: development and validation in a multi-center setting. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 3444-3456.	6.4	15
14	Dosimetric Validation of a GAN-Based Pseudo-CT Generation for MRI-Only Stereotactic Brain Radiotherapy. <i>Cancers</i> , 2021, 13, 1082.	3.7	15
15	Statistical harmonization can improve the development of a multicenter CT-based radiomic model predictive of nonresponse to induction chemotherapy in laryngeal cancers. <i>Medical Physics</i> , 2021, 48, 4099-4109.	3.0	15
16	Predicting response to radiotherapy of head and neck squamous cell carcinoma using radiomics from cone-beam CT images. <i>Acta Oncologica</i> , 2022, 61, 73-80.	1.8	15
17	Multicentric validation of radiomics findings: challenges and opportunities. <i>EBioMedicine</i> , 2019, 47, 20-21.	6.1	13
18	Impact of concomitant systemic treatments on toxicity and intracerebral response after stereotactic radiotherapy for brain metastases. <i>BMC Cancer</i> , 2020, 20, 991.	2.6	13

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19	Radiomics Analysis of 3D Dose Distributions to Predict Toxicity of Radiotherapy for Cervical Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 398.	2.5	12
20	Radiation Therapy Planning of Thoracic Tumors: A Review of Challenges Associated With Lung Toxicities and Potential Perspectives of Gallium-68 Lung PET/CT Imaging. <i>Frontiers in Medicine</i> , 2021, 8, 723748.	2.6	12
21	External Validation of a Radiomics Model for the Prediction of Complete Response to Neoadjuvant Chemoradiotherapy in Rectal Cancer. <i>Cancers</i> , 2022, 14, 1079.	3.7	11
22	Development and prospective validation of a spatial dose pattern based model predicting acute pulmonary toxicity in patients treated with volumetric arc-therapy for locally advanced lung cancer. <i>Radiotherapy and Oncology</i> , 2021, 164, 43-49.	0.6	10
23	Use of radiomics in the radiation oncology setting: Where do we stand and what do we need?. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 755-761.	1.4	8
24	PD-L1 expression in recurrent head and neck squamous cell carcinoma. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 343-351.	1.6	6
25	Use of Baseline 18F-FDG PET/CT to Identify Initial Sub-Volumes Associated With Local Failure After Concomitant Chemoradiotherapy in Locally Advanced Cervical Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 678.	2.8	5
26	The prognostic significance of PD-L1 expression on tumor and immune cells in Merkel cell carcinoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2569-2578.	2.5	5
27	Integration of functional imaging in brachytherapy. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2022, 26, 517-525.	1.4	3
28	Impact of suboptimal dosimetric coverage of pretherapeutic 18F-FDG PET/CT hotspots on outcome in patients with locally advanced cervical cancer treated with chemoradiotherapy followed by brachytherapy. <i>Clinical and Translational Radiation Oncology</i> , 2020, 23, 50-59.	1.7	3
29	Unrecognized thoracic radiotherapy toxicity: A review of literature. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2022, 26, 616-621.	1.4	1
30	N3 (> 6 cm) squamous cell carcinoma of the head and neck: outcomes and predictive factors in 104 patients. <i>Acta Otorhinolaryngologica Italica</i> , 2021, 41, 221-229.	1.5	0