

Christophe Nioche

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

4,066
citations

516215

16
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580395

25
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docs citations

28
times ranked

4764
citing authors

#	ARTICLE	IF	CITATIONS
1	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. <i>Radiology</i> , 2020, 295, 328-338.	3.6	1,869
2	LIFEx: A Freeware for Radiomic Feature Calculation in Multimodality Imaging to Accelerate Advances in the Characterization of Tumor Heterogeneity. <i>Cancer Research</i> , 2018, 78, 4786-4789.	0.4	717
3	Validation of A Method to Compensate Multicenter Effects Affecting CT Radiomics. <i>Radiology</i> , 2019, 291, 53-59.	3.6	257
4	A Postreconstruction Harmonization Method for Multicenter Radiomic Studies in PET. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1321-1328.	2.8	250
5	Functional MR imaging in assessment of language dominance in epileptic patients. <i>NeuroImage</i> , 2003, 18, 460-467.	2.1	164
6	¹⁸ F-FDG PET Dissemination Features in Diffuse Large B-Cell Lymphoma Are Predictive of Outcome. <i>Journal of Nuclear Medicine</i> , 2020, 61, 40-45.	2.8	109
7	Sensorimotor Cortical Activity in Patients with Complete Spinal Cord Injury: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neurotrauma</i> , 2002, 19, 53-60.	1.7	107
8	Prediction of cervical cancer recurrence using textural features extracted from 18F-FDG PET images acquired with different scanners. <i>Oncotarget</i> , 2017, 8, 43169-43179.	0.8	100
9	How can we combat multicenter variability in MR radiomics? Validation of a correction procedure. <i>European Radiology</i> , 2021, 31, 2272-2280.	2.3	93
10	Understanding Changes in Tumor Texture Indices in PET: A Comparison Between Visual Assessment and Index Values in Simulated and Patient Data. <i>Journal of Nuclear Medicine</i> , 2017, 58, 387-392.	2.8	86
11	Texture analysis as a predictor of radiation-induced xerostomia in head and neck patients undergoing IMRT. <i>Radiologia Medica</i> , 2018, 123, 415-423.	4.7	46
12	Radiomics in PET Imaging. <i>PET Clinics</i> , 2021, 16, 597-612.	1.5	40
13	Evaluation of Quantitative Criteria for Glioma Grading With Static and Dynamic 18F-FDopa PET/CT. <i>Clinical Nuclear Medicine</i> , 2013, 38, 81-87.	0.7	32
14	Computation of reliable textural indices from multimodal brain MRI: suggestions based on a study of patients with diffuse intrinsic pontine glioma. <i>Physics in Medicine and Biology</i> , 2018, 63, 105003.	1.6	32
15	Multimodal anatomic, functional, and metabolic brain imaging for tumor resection. <i>Clinical Imaging</i> , 2002, 26, 6-12.	0.8	31
16	New insights in radiation-induced leukoencephalopathy: a prospective cross-sectional study. <i>Supportive Care in Cancer</i> , 2018, 26, 4217-4226.	1.0	26
17	A radiomics pipeline dedicated to Breast MRI: validation on a multi-scanner phantom study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 355-366.	1.1	20
18	Prognostic value of lesion dissemination in doxorubicin, bleomycin, vinblastine, and dacarbazine-treated, interim PET-negative classical Hodgkin Lymphoma patients: A radio-genomic study. <i>Hematological Oncology</i> , 2022, 40, 645-657.	0.8	19

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19	Correction for Magnetic Field Inhomogeneities and Normalization of Voxel Values Are Needed to Better Reveal the Potential of MR Radiomic Features in Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 43.	1.3	17
20	New Approaches in Characterization of Lesions Dissemination in DLBCL Patients on Baseline PET/CT. <i>Cancers</i> , 2021, 13, 3998.	1.7	12
21	Voxel-wise supervised analysis of tumors with multimodal engineered features to highlight interpretable biological patterns. <i>Medical Physics</i> , 2022, 49, 3816-3829.	1.6	12
22	Influence of age on radiomic features in 18F-FDG PET in normal breast tissue and in breast cancer tumors. <i>Oncotarget</i> , 2018, 9, 30855-30868.	0.8	11
23	Texture analysis of parotid gland as a predictive factor of radiation induced xerostomia: A subset analysis. <i>Radiotherapy and Oncology</i> , 2017, 122, 321.	0.3	10
24	International assessment of interobserver reproducibility of flap delineation in head and neck carcinoma. <i>Acta Oncologica</i> , 2022, 61, 672-679.	0.8	3
25	Using a bidimensional t test to compare simultaneous activations in functional brain MRI. <i>Clinical Imaging</i> , 2002, 26, 77-80.	0.8	2
26	Exploring the relation between MR ZTE intensity and tissue density: Application to MR attenuation correction in PET/MR. , 2016, , .		1
27	Modern concepts of normal language and impairments. <i>Clinical Imaging</i> , 2008, 32, 425-430.	0.8	0