

Sarah A Mattonen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6306140/publications.pdf>

Version: 2024-02-01

16
papers

756
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1161
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine and deep learning methods for radiomics. <i>Medical Physics</i> , 2020, 47, e185-e202.	3.0	232
2	Detection of Local Cancer Recurrence After Stereotactic Ablative Radiation Therapy for Lung Cancer: Physician Performance Versus Radiomic Assessment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1121-1128.	0.8	123
3	Early prediction of tumor recurrence based on CT texture changes after stereotactic ablative radiotherapy (SABR) for lung cancer. <i>Medical Physics</i> , 2014, 41, 033502.	3.0	95
4	Distinguishing radiation fibrosis from tumour recurrence after stereotactic ablative radiotherapy (SABR) for lung cancer: A quantitative analysis of CT density changes. <i>Acta Oncologica</i> , 2013, 52, 910-918.	1.8	54
5	Bone Marrow and Tumor Radiomics at ¹⁸ F-FDG PET/CT: Impact on Outcome Prediction in Non-Small Cell Lung Cancer. <i>Radiology</i> , 2019, 293, 451-459.	7.3	48
6	Imaging texture analysis for automated prediction of lung cancer recurrence after stereotactic radiotherapy. <i>Journal of Medical Imaging</i> , 2015, 2, 041010.	1.5	29
7	Pulmonary imaging after stereotactic radiotherapy—does RECIST still apply?. <i>British Journal of Radiology</i> , 2016, 89, 20160113.	2.2	29
8	[¹⁸ F] FDG Positron Emission Tomography (PET) Tumor and Penumbra Imaging Features Predict Recurrence in Non-Small Cell Lung Cancer. <i>Tomography</i> , 2019, 5, 145-153.	1.8	29
9	Artificial Intelligence in Lung Cancer: Bridging the Gap Between Computational Power and Clinical Decision-Making. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 86-97.	2.0	24
10	Utilizing Artificial Intelligence for Head and Neck Cancer Outcomes Prediction From Imaging. <i>Canadian Association of Radiologists Journal</i> , 2021, 72, 73-85.	2.0	21
11	Quantitative imaging feature pipeline: a web-based tool for utilizing, sharing, and building image-processing pipelines. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	1.5	19
12	New techniques for assessing response after hypofractionated radiotherapy for lung cancer. <i>Journal of Thoracic Disease</i> , 2014, 6, 375-86.	1.4	18
13	MRI-based radiomics for prognosis of pediatric diffuse intrinsic pontine glioma: an international study. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab042.	0.7	14
14	Stanford DRO Toolkit: Digital Reference Objects for Standardization of Radiomic Features. <i>Tomography</i> , 2020, 6, 111-117.	1.8	13
15	Machine-Learning Approach to Differentiation of Benign and Malignant Peripheral Nerve Sheath Tumors: A Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 509-517.	1.1	7
16	In Reply to Sun et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1545-1546.	0.8	1