

Sarah A Mattonen

List of Publications by Year in descending order

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16
papers

756
citations

759233

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940533

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16
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1161
citing authors

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