

Stephan Ursprung

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

402
citations

7
h-index

20
g-index

22
ext. papers

788
ext. citations

7.6
avg, IF

3.92
L-index

#	Paper	IF	Citations
17	Distinct conformations of the HIV-1 V3 loop crown are targetable for broad neutralization. <i>Nature Communications</i> , 2021 , 12, 6705	17.4	1
16	Hyperpolarized Carbon-13 MRI for Early Response Assessment of Neoadjuvant Chemotherapy in Breast Cancer Patients. <i>Cancer Research</i> , 2021 , 81, 6004-6017	10.1	4
15	Multiparametric MRI for assessment of early response to neoadjuvant sunitinib in renal cell carcinoma. <i>PLoS ONE</i> , 2021 , 16, e0258988	3.7	0
14	Non-contrast MRI can accurately characterize adnexal masses: a retrospective study. <i>European Radiology</i> , 2021 , 31, 6962-6973	8	4
13	Common pitfalls and recommendations for using machine learning to detect and prognosticate for COVID-19 using chest radiographs and CT scans. <i>Nature Machine Intelligence</i> , 2021 , 3, 199-217	22.5	200
12	Association of Clinician Diagnostic Performance With Machine Learning-Based Decision Support Systems: A Systematic Review. <i>JAMA Network Open</i> , 2021 , 4, e211276	10.4	10
11	Reproducibility of CT-based radiomic features against image resampling and perturbations for tumour and healthy kidney in renal cancer patients. <i>Scientific Reports</i> , 2021 , 11, 11542	4.9	3
10	Ultrasound-guided targeted biopsies of CT-based radiomic tumour habitats: technical development and initial experience in metastatic ovarian cancer. <i>European Radiology</i> , 2021 , 31, 3765-3772	8	6
9	Imaging breast cancer using hyperpolarized carbon-13 MRI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2092-2098	11.5	71
8	Radiomics of computed tomography and magnetic resonance imaging in renal cell carcinoma-a systematic review and meta-analysis. <i>European Radiology</i> , 2020 , 30, 3558-3566	8	44
7	Integrative radiogenomics for virtual biopsy and treatment monitoring in ovarian cancer. <i>Insights Into Imaging</i> , 2020 , 11, 94	5.6	16
6	Hyperpolarised C-MRI metabolic and functional imaging: an emerging renal MR diagnostic modality. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020 , 33, 23-32	2.8	5
5	Three-Dimensional Printed Molds for Image-Guided Surgical Biopsies: An Open Source Computational Platform. <i>JCO Clinical Cancer Informatics</i> , 2020 , 4, 736-748	5.2	3
4	Artificial Intelligence in Radiology: The Computer's Helping Hand Needs Guidance. <i>Radiology: Artificial Intelligence</i> , 2020 , 2, e200207	8.7	3
3	Hyperpolarized C MRI of Tumor Metabolism Demonstrates Early Metabolic Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Radiology Imaging Cancer</i> , 2020 , 2, e200017	1.4	15
2	Tissue-specific and interpretable sub-segmentation of whole tumour burden on CT images by unsupervised fuzzy clustering. <i>Computers in Biology and Medicine</i> , 2020 , 120, 103751	7	14
1	3D-printed moulds for image-guided surgical biopsies: an open source computational platform		1

