

# Stephan Ursprung

## List of Publications by Citations

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

