

# Stephan Ursprung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8366557/publications.pdf>

Version: 2024-02-01

20  
papers

1,177  
citations

623188

14  
h-index

752256

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1618  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	8.3	607
2	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.	3.3	138
3	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.	2.3	106
4	Association of Clinician Diagnostic Performance With Machine Learning–Based Decision Support Systems. <i>JAMA Network Open</i> , 2021, 4, e211276.	2.8	53
5	Hyperpolarized <sup>13</sup> C MRI of Tumor Metabolism Demonstrates Early Metabolic Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Radiology Imaging Cancer</i> , 2020, 2, e200017.	0.7	40
6	Integrative radiogenomics for virtual biopsy and treatment monitoring in ovarian cancer. <i>Insights Into Imaging</i> , 2020, 11, 94.	1.6	30
7	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.	3.9	27
8	Hyperpolarized Carbon-13 MRI for Early Response Assessment of Neoadjuvant Chemotherapy in Breast Cancer Patients. <i>Cancer Research</i> , 2021, 81, 6004-6017.	0.4	25
9	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.	2.3	20
10	Non-contrast MRI can accurately characterize adnexal masses: a retrospective study. <i>European Radiology</i> , 2021, 31, 6962-6973.	2.3	20
11	Hyperpolarized <sup>13</sup> C-Pyruvate Metabolism as a Surrogate for Tumor Grade and Poor Outcome in Renal Cell Carcinoma—A Proof of Principle Study. <i>Cancers</i> , 2022, 14, 335.	1.7	18
12	A Phase II study of neoadjuvant axitinib for reducing the extent of venous tumour thrombus in clear cell renal cell cancer with venous invasion (NAXIVA). <i>British Journal of Cancer</i> , 2022, 127, 1051-1060.	2.9	17
13	Imaging Glioblastoma Metabolism by Using Hyperpolarized [ <sup>13</sup> C]Pyruvate Demonstrates Heterogeneity in Lactate Labeling: A Proof of Principle Study. <i>Radiology Imaging Cancer</i> , 2022, 4, .	0.7	17
14	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.	1.6	16
15	Hyperpolarised <sup>13</sup> 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.	1.1	9
16	Distinct conformations of the HIV-1 V3 loop crown are targetable for broad neutralization. <i>Nature Communications</i> , 2021, 12, 6705.	5.8	9
17	Three-Dimensional Printed Molds for Image-Guided Surgical Biopsies: An Open Source Computational Platform. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 736-748.	1.0	8
18	Dynamic biomarker and imaging changes from a phase II study of pre- and post-surgical sunitinib. <i>BJU International</i> , 2022, 130, 244-253.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Artificial Intelligence in Radiology: The Computer's Helping Hand Needs Guidance. Radiology: Artificial Intelligence, 2020, 2, e200207.	3.0	4
20	Multiparametric MRI for assessment of early response to neoadjuvant sunitinib in renal cell carcinoma. PLoS ONE, 2021, 16, e0258988.	1.1	4