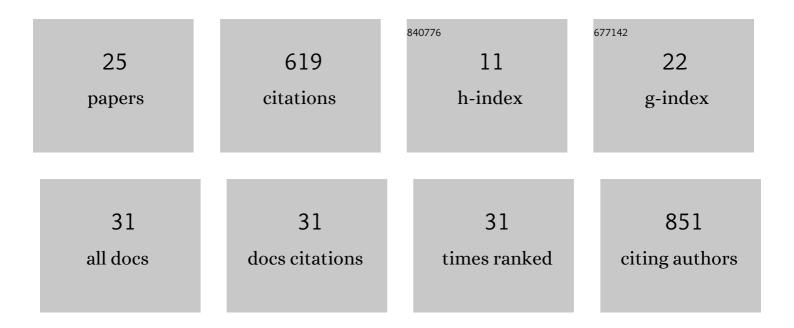
## **Robert Haase**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/454179/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	CLIJ: GPU-accelerated image processing for everyone. Nature Methods, 2020, 17, 5-6.	19.0	122
2	Identification of Patient Benefit From Proton Therapy for Advanced Head and Neck Cancer Patients Based on Individual and Subgroup Normal Tissue Complication Probability Analysis. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1165-1174.	0.8	89
3	LABKIT: Labeling and Segmentation Toolkit for Big Image Data. Frontiers in Computer Science, 2022, 4, .	2.8	85
4	Spatial distribution of FMISO in head and neck squamous cell carcinomas during radio-chemotherapy and its correlation to pattern of failure. Acta Oncológica, 2015, 54, 1355-1363.	1.8	57
5	Regionalized tissue fluidization is required for epithelial gap closure during insect gastrulation. Nature Communications, 2020, 11, 5604.	12.8	53
6	NTCP reduction for advanced head and neck cancer patients using proton therapy for complete or sequential boost treatment versus photon therapy. Acta Oncológica, 2015, 54, 1658-1664.	1.8	36
7	Developing open-source software for bioimage analysis: opportunities and challenges. F1000Research, 2021, 10, 302.	1.6	20
8	A Hitchhiker's guide through the bioâ€image analysis software universe. FEBS Letters, 2022, 596, 2472-2485.	2.8	20
9	High-precision image-guided proton irradiation of mouse brain sub-volumes. Radiotherapy and Oncology, 2020, 146, 205-212.	0.6	16
10	FMISO-PET-based lymph node hypoxia adds to the prognostic value of tumor only hypoxia in HNSCC patients. Radiotherapy and Oncology, 2019, 130, 97-103.	0.6	14
11	The RNA binding protein human antigen R is a gatekeeper of liver homeostasis. Hepatology, 2022, 75, 881-897.	7.3	14
12	Exogenous ethanol induces a metabolic switch that prolongs the survival of <i>Caenorhabditis elegans</i> dauer larva and enhances its resistance to desiccation. Aging Cell, 2020, 19, e13214.	6.7	11
13	FDG uptake in normal tissues assessed by PET during treatment has prognostic value for treatment results in head and neck squamous cell carcinomas undergoing radiochemotherapy. Radiotherapy and Oncology, 2017, 122, 437-444.	0.6	10
14	Highlights from the 2016-2020 NEUBIAS training schools for Bioimage Analysts: a success story and key asset for analysts and life scientists. F1000Research, 2021, 10, 334.	1.6	10
15	Evaluation of a deformable registration algorithm for subsequent lung computed tomography imaging during radiochemotherapy. Medical Physics, 2016, 43, 5028-5039.	3.0	9
16	Correlation between FMISO-PET based hypoxia in the primary tumour and in lymph node metastases in locally advanced HNSCC patients. Clinical and Translational Radiation Oncology, 2019, 15, 108-112.	1.7	9
17	Physical correction model for automatic correction of intensity non-uniformity in magnetic resonance imaging. Physics and Imaging in Radiation Oncology, 2017, 4, 32-38.	2.9	7
18	Dose–volume predictors of early esophageal toxicity in non-small cell lung cancer patients treated with accelerated-hyperfractionated radiotherapy. Radiotherapy and Oncology, 2020, 143, 44-50.	0.6	5

**ROBERT HAASE** 

#	Article	IF	CITATIONS
19	Meeting in the Middle: Towards Successful Multidisciplinary Bioimage Analysis Collaboration. Frontiers in Bioinformatics, 2022, 2, .	2.1	3
20	Swarm Intelligence for Medical Volume Segmentation: The Contribution of Self-reproduction. Lecture Notes in Computer Science, 2011, , 111-121.	1.3	2
21	Image Processing Filters for Grids of Cells Analogous to Filters Processing Grids of Pixels. Frontiers in Computer Science, 2021, 3, .	2.8	2
22	Analysis of Actomyosin Dynamics at Local Cellular and Tissue Scales Using Time-lapse Movies of Cultured <em>Drosophila</em> Egg Chambers. Journal of Visualized Experiments, 2019, , .	0.3	1
23	Self-reproduction versus Transition Rules in Ant Colonies for Medical Volume Segmentation. Lecture Notes in Computer Science, 2012, , 316-323.	1.3	1
24	On the Reliability of Automatic Volume Delineation in Low-Contrast [18F]FMISO-PET Imaging. Recent Results in Cancer Research, 2016, 198, 175-187.	1.8	0
25	Time to Upgrade: A New OpenSPIM Guide to Build and Operate Advanced OpenSPIM Configurations. Advanced Biology, 2021, , 2101182.	2.5	0