

# Robert Haase

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/454179/publications.pdf>

Version: 2024-02-01

25  
papers

619  
citations

840776

11  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

851  
citing authors

#	ARTICLE	IF	CITATIONS
1	CLIJ: GPU-accelerated image processing for everyone. <i>Nature Methods</i> , 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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1165-1174.	0.8	89
3	LABKIT: Labeling and Segmentation Toolkit for Big Image Data. <i>Frontiers in Computer Science</i> , 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. <i>Acta Oncologica</i> , 2015, 54, 1355-1363.	1.8	57
5	Regionalized tissue fluidization is required for epithelial gap closure during insect gastrulation. <i>Nature Communications</i> , 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. <i>Acta Oncologica</i> , 2015, 54, 1658-1664.	1.8	36
7	Developing open-source software for bioimage analysis: opportunities and challenges. <i>F1000Research</i> , 2021, 10, 302.	1.6	20
8	A Hitchhiker's guide through the bioimage analysis software universe. <i>FEBS Letters</i> , 2022, 596, 2472-2485.	2.8	20
9	High-precision image-guided proton irradiation of mouse brain sub-volumes. <i>Radiotherapy and Oncology</i> , 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. <i>Radiotherapy and Oncology</i> , 2019, 130, 97-103.	0.6	14
11	The RNA binding protein human antigen R is a gatekeeper of liver homeostasis. <i>Hepatology</i> , 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. <i>Aging Cell</i> , 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. <i>Radiotherapy and Oncology</i> , 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. <i>F1000Research</i> , 2021, 10, 334.	1.6	10
15	Evaluation of a deformable registration algorithm for subsequent lung computed tomography imaging during radiochemotherapy. <i>Medical Physics</i> , 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. <i>Clinical and Translational Radiation Oncology</i> , 2019, 15, 108-112.	1.7	9
17	Physical correction model for automatic correction of intensity non-uniformity in magnetic resonance imaging. <i>Physics and Imaging in Radiation Oncology</i> , 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. <i>Radiotherapy and Oncology</i> , 2020, 143, 44-50.	0.6	5

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