

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9578930/publications.pdf>

Version: 2024-02-01

29
papers

9,668
citations

279701

23
h-index

454834

30
g-index

30
all docs

30
docs citations

30
times ranked

10223
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics: Extracting more information from medical images using advanced feature analysis. <i>European Journal of Cancer</i> , 2012, 48, 441-446.	1.3	3,846
2	Radiomics: the bridge between medical imaging and personalized medicine. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 749-762.	12.5	3,216
3	Radiomic Machine-Learning Classifiers for Prognostic Biomarkers of Head and Neck Cancer. <i>Frontiers in Oncology</i> , 2015, 5, 272.	1.3	318
4	Quantitative radiomics studies for tissue characterization: a review of technology and methodological procedures. <i>British Journal of Radiology</i> , 2017, 90, 20160665.	1.0	270
5	Influence of gray level discretization on radiomic feature stability for different CT scanners, tube currents and slice thicknesses: a comprehensive phantom study. <i>Acta Oncologica</i> , 2017, 56, 1544-1553.	0.8	183
6	“Rapid Learning health care in oncology” “ An approach towards decision support systems enabling customised radiotherapy”. <i>Radiotherapy and Oncology</i> , 2013, 109, 159-164.	0.3	175
7	A Comparative Study of the Hypoxia PET Tracers [18F]HX4, [18F]FAZA, and [18F]FMISO in a Preclinical Tumor Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 351-359.	0.4	139
8	Distributed learning: Developing a predictive model based on data from multiple hospitals without data leaving the hospital “ A real life proof of concept. <i>Radiotherapy and Oncology</i> , 2016, 121, 459-467.	0.3	139
9	Development and validation of a radiomic signature to predict HPV (p16) status from standard CT imaging: a multicenter study. <i>British Journal of Radiology</i> , 2018, 91, 20170498.	1.0	109
10	A review in radiomics: Making personalized medicine a reality via routine imaging. <i>Medicinal Research Reviews</i> , 2022, 42, 426-440.	5.0	103
11	Developing and Validating a Survival Prediction Model for NSCLC Patients Through Distributed Learning Across 3 Countries. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 344-352.	0.4	102
12	Infrastructure and distributed learning methodology for privacy-preserving multi-centric rapid learning health care: euroCAT. <i>Clinical and Translational Radiation Oncology</i> , 2017, 4, 24-31.	0.9	98
13	Specific targeting of cytosine deaminase to solid tumors by engineered <i>Clostridium acetobutylicum</i> . <i>Cancer Gene Therapy</i> , 2001, 8, 294-297.	2.2	97
14	Post-radiochemotherapy PET radiomics in head and neck cancer “ The influence of radiomics implementation on the reproducibility of local control tumor models. <i>Radiotherapy and Oncology</i> , 2017, 125, 385-391.	0.3	89
15	A Deep Look Into the Future of Quantitative Imaging in Oncology: A Statement of Working Principles and Proposal for Change. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1074-1082.	0.4	86
16	Radiotherapy Combined with the Immunocytokine L19-IL2 Provides Long-lasting Antitumor Effects. <i>Clinical Cancer Research</i> , 2015, 21, 1151-1160.	3.2	79
17	Secretory production of biologically active rat interleukin-2 by <i>Clostridium acetobutylicum</i> DSM792 as a tool for anti-tumor treatment. <i>FEMS Microbiology Letters</i> , 2005, 246, 67-73.	0.7	69
18	Modern clinical research: How rapid learning health care and cohort multiple randomised clinical trials complement traditional evidence based medicine. <i>Acta Oncologica</i> , 2015, 54, 1289-1300.	0.8	59

#	ARTICLE	IF	CITATIONS
19	Privacy-preserving distributed learning of radiomics to predict overall survival and HPV status in head and neck cancer. <i>Scientific Reports</i> , 2020, 10, 4542.	1.6	46
20	Improvement of Clostridium tumour targeting vectors evaluated in rat rhabdomyosarcomas. <i>FEMS Immunology and Medical Microbiology</i> , 2001, 30, 37-41.	2.7	43
21	A prediction model for early death in non-small cell lung cancer patients following curative-intent chemoradiotherapy. <i>Acta Oncologica</i> , 2018, 57, 226-230.	0.8	35
22	Individualized early death and long-term survival prediction after stereotactic radiosurgery for brain metastases of non-small cell lung cancer: Two externally validated nomograms. <i>Radiotherapy and Oncology</i> , 2017, 123, 189-194.	0.3	29
23	Advancing Clostridia to Clinical Trial: Past Lessons and Recent Progress. <i>Cancers</i> , 2016, 8, 63.	1.7	28
24	Predicting tumor hypoxia in non-small cell lung cancer by combining CT, FDG PET and dynamic contrast-enhanced CT. <i>Acta Oncologica</i> , 2017, 56, 1591-1596.	0.8	15
25	<i>E. coli</i> nitroreductase NfsA is a reporter gene for non-invasive PET imaging in cancer gene therapy applications. <i>Theranostics</i> , 2020, 10, 10548-10562.	4.6	15
26	Privacy preserving distributed learning classifiers – Sequential learning with small sets of data. <i>Computers in Biology and Medicine</i> , 2021, 136, 104716.	3.9	12
27	Efficient Secretion of Murine IL-2 From an Attenuated Strain of Clostridium sporogenes, a Novel Delivery Vehicle for Cancer Immunotherapy. <i>Frontiers in Microbiology</i> , 2021, 12, 669488.	1.5	10
28	Use of an optimised enzyme/prodrug combination for Clostridia directed enzyme prodrug therapy induces a significant growth delay in necrotic tumours. <i>Cancer Gene Therapy</i> , 2022, 29, 178-188.	2.2	9
29	Deciphering the glioblastoma phenotype by computed tomography radiomics. <i>Radiotherapy and Oncology</i> , 2021, 160, 132-139.	0.3	9