

Mike Partridge

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,151
citations

471061

17
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

2156
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal interactions between tumour cell populations enhance growth and reduce radiation sensitivity in prostate cancer. <i>Communications Biology</i> , 2021, 4, 6.	2.0	23
2	Systematic review and meta-analysis of small bowel dose-volume and acute toxicity in conventionally-fractionated rectal cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 138, 38-44.	0.3	20
3	Functional Parameters Derived from Magnetic Resonance Imaging Reflect Vascular Morphology in Preclinical Tumors and in Human Liver Metastases. <i>Clinical Cancer Research</i> , 2018, 24, 4694-4704.	3.2	14
4	Modelling duodenum radiotherapy toxicity using cohort dose-volume-histogram data. <i>Radiotherapy and Oncology</i> , 2017, 123, 431-437.	0.3	17
5	Correlation of 18F-Fluorodeoxyglucose Positron Emission Tomography Parameters with Patterns of Disease Progression in Locally Advanced Pancreatic Cancer after Definitive Chemoradiotherapy. <i>Clinical Oncology</i> , 2017, 29, 370-377.	0.6	25
6	An approximate analytical solution of the Bethe equation for charged particles in the radiotherapeutic energy range. <i>Scientific Reports</i> , 2017, 7, 9781.	1.6	31
7	Potential of Proton Therapy to Reduce Acute Hematologic Toxicity in Concurrent Chemoradiation Therapy for Esophageal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 729-737.	0.4	21
8	[18F]Fluoromisonidazole PET in rectal cancer. <i>EJNMMI Research</i> , 2017, 7, 78.	1.1	18
9	ARCI: A phase II trial of the HIV protease inhibitor Nelfinavir in combination with chemoradiation for locally advanced inoperable pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2016, 119, 306-311.	0.3	43
10	An Analysis of Plan Robustness for Esophageal Tumors: Comparing Volumetric Modulated Arc Therapy Plans and Spot Scanning Proton Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 199-207.	0.4	28
11	Conformity analysis to demonstrate reproducibility of target volumes for Margin-Intense Stereotactic Radiotherapy for borderline-resectable pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2016, 121, 86-91.	0.3	11
12	Dose and Fractionation in Radiation Therapy of Curative Intent for Non-Small Cell Lung Cancer: Meta-Analysis of Randomized Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 736-747.	0.4	78
13	Estimating oxygen distribution from vasculature in three-dimensional tumour tissue. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160070.	1.5	46
14	The Role of Oxygen in Avascular Tumor Growth. <i>PLoS ONE</i> , 2016, 11, e0153692.	1.1	51
15	The effect of dose escalation on gastric toxicity when treating lower oesophageal tumours: a radiobiological investigation. <i>Radiation Oncology</i> , 2015, 10, 236.	1.2	4
16	A mechanistic investigation of the oxygen fixation hypothesis and oxygen enhancement ratio. <i>Biomedical Physics and Engineering Express</i> , 2015, 1, 045209.	0.6	107
17	SBRT in pancreatic cancer: What is the therapeutic window?. <i>Radiotherapy and Oncology</i> , 2015, 114, 109-116.	0.3	85
18	A tumor control probability model for anal squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2015, 116, 192-196.	0.3	37

#	ARTICLE	IF	CITATIONS
19	Improving In Vivo High-Resolution CT Imaging of the Tumour Vasculature in Xenograft Mouse Models through Reduction of Motion and Bone-Streak Artefacts. PLoS ONE, 2015, 10, e0128537.	1.1	4
20	Characterizing Heterogeneity within Head and Neck Lesions Using Cluster Analysis of Multi-Parametric MRI Data. PLoS ONE, 2015, 10, e0138545.	1.1	6
21	Oxygen consumption dynamics in steady-state tumour models. Royal Society Open Science, 2014, 1, 140080.	1.1	66
22	Radiobiological Determination of Dose Escalation and Normal Tissue Toxicity in Definitive Chemoradiation Therapy for Esophageal Cancer. International Journal of Radiation Oncology Biology Physics, 2014, 90, 423-429.	0.4	33
23	Comparison of Acuros (AXB) and Anisotropic Analytical Algorithm (AAA) for dose calculation in treatment of oesophageal cancer: effects on modelling tumour control probability. Radiation Oncology, 2014, 9, 286.	1.2	18
24	A method for estimating the oxygen consumption rate in multicellular tumour spheroids. Journal of the Royal Society Interface, 2014, 11, 20131124.	1.5	238
25	The Application of Functional Imaging Techniques to Personalise Chemoradiotherapy in Upper Gastrointestinal Malignancies. Clinical Oncology, 2014, 26, 581-596.	0.6	16
26	Oral nelfinavir before and during radiation therapy for rectal cancer: Changes in tumor perfusion and correlation between tissue and radiological markers of response.. Journal of Clinical Oncology, 2014, 32, 491-491.	0.8	1
27	Dose escalation for non-small cell lung cancer: Analysis and modelling of published literature. Radiotherapy and Oncology, 2011, 99, 6-11.	0.3	110