

Mike Partridge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6643195/publications.pdf>

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 | A method for estimating the oxygen consumption rate in multicellular tumour spheroids. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20131124. | 1.5 | 238 |
| 2 | Dose escalation for non-small cell lung cancer: Analysis and modelling of published literature. <i>Radiotherapy and Oncology</i> , 2011, 99, 6-11. | 0.3 | 110 |
| 3 | 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 |
| 4 | SBRT in pancreatic cancer: What is the therapeutic window?. <i>Radiotherapy and Oncology</i> , 2015, 114, 109-116. | 0.3 | 85 |
| 5 | 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 |
| 6 | Oxygen consumption dynamics in steady-state tumour models. <i>Royal Society Open Science</i> , 2014, 1, 140080. | 1.1 | 66 |
| 7 | The Role of Oxygen in Avascular Tumor Growth. <i>PLoS ONE</i> , 2016, 11, e0153692. | 1.1 | 51 |
| 8 | Estimating oxygen distribution from vasculature in three-dimensional tumour tissue. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160070. | 1.5 | 46 |
| 9 | ARCI1: 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 | A tumor control probability model for anal squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2015, 116, 192-196. | 0.3 | 37 |
| 11 | Radiobiological Determination of Dose Escalation and Normal Tissue Toxicity in Definitive Chemoradiation Therapy for Esophageal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 423-429. | 0.4 | 33 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Comparison of Acuros (AXB) and Anisotropic Analytical Algorithm (AAA) for dose calculation in treatment of oesophageal cancer: effects on modelling tumour control probability. <i>Radiation Oncology</i> , 2014, 9, 286. | 1.2 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | [18F]Fluoromisonidazole PET in rectal cancer. EJNMMI Research, 2017, 7, 78. | 1.1 | 18 |
| 20 | Modelling duodenum radiotherapy toxicity using cohort dose-volume-histogram data. Radiotherapy and Oncology, 2017, 123, 431-437. | 0.3 | 17 |
| 21 | The Application of Functional Imaging Techniques to Personalise Chemoradiotherapy in Upper Gastrointestinal Malignancies. Clinical Oncology, 2014, 26, 581-596. | 0.6 | 16 |
| 22 | Functional Parameters Derived from Magnetic Resonance Imaging Reflect Vascular Morphology in Preclinical Tumors and in Human Liver Metastases. Clinical Cancer Research, 2018, 24, 4694-4704. | 3.2 | 14 |
| 23 | Conformity analysis to demonstrate reproducibility of target volumes for Margin-Intense Stereotactic Radiotherapy for borderline-resectable pancreatic cancer. Radiotherapy and Oncology, 2016, 121, 86-91. | 0.3 | 11 |
| 24 | Characterizing Heterogeneity within Head and Neck Lesions Using Cluster Analysis of Multi-Parametric MRI Data. PLoS ONE, 2015, 10, e0138545. | 1.1 | 6 |
| 25 | The effect of dose escalation on gastric toxicity when treating lower oesophageal tumours: a radiobiological investigation. Radiation Oncology, 2015, 10, 236. | 1.2 | 4 |
| 26 | 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 |
| 27 | 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 |