

Catharine M L West

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

10,505
citations

57
h-index

90
g-index

272
ext. papers

12,449
ext. citations

5.2
avg, IF

5.81
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 244 | Normal tissue reactions to radiotherapy: towards tailoring treatment dose by genotype. <i>Nature Reviews Cancer</i> , 2009 , 9, 134-42 | 31.3 | 450 |
| 243 | Association analyses of more than 140,000 men identify 63 new prostate cancer susceptibility loci. <i>Nature Genetics</i> , 2018 , 50, 928-936 | 36.3 | 340 |
| 242 | Large meta-analysis of multiple cancers reveals a common, compact and highly prognostic hypoxia metagene. <i>British Journal of Cancer</i> , 2010 , 102, 428-35 | 8.7 | 282 |
| 241 | Relation of a hypoxia metagene derived from head and neck cancer to prognosis of multiple cancers. <i>Cancer Research</i> , 2007 , 67, 3441-9 | 10.1 | 257 |
| 240 | The small-nucleolar RNAs commonly used for microRNA normalisation correlate with tumour pathology and prognosis. <i>British Journal of Cancer</i> , 2011 , 104, 1168-77 | 8.7 | 217 |
| 239 | Imaging tumour hypoxia with positron emission tomography. <i>British Journal of Cancer</i> , 2015 , 112, 238-50 | 8.7 | 210 |
| 238 | hsa-mir-210 is a marker of tumor hypoxia and a prognostic factor in head and neck cancer. <i>Cancer</i> , 2010 , 116, 2148-58 | 6.4 | 193 |
| 237 | GLUT-1 and CAIX as intrinsic markers of hypoxia in carcinoma of the cervix: relationship to pimonidazole binding. <i>International Journal of Cancer</i> , 2003 , 104, 85-91 | 7.5 | 191 |
| 236 | Tumour oxygenation levels correlate with dynamic contrast-enhanced magnetic resonance imaging parameters in carcinoma of the cervix. <i>Radiotherapy and Oncology</i> , 2000 , 57, 53-9 | 5.3 | 190 |
| 235 | Independent validation of genes and polymorphisms reported to be associated with radiation toxicity: a prospective analysis study. <i>Lancet Oncology</i> , 2012 , 13, 65-77 | 21.7 | 161 |
| 234 | Head and neck cancer--Part 1: Epidemiology, presentation, and prevention. <i>BMJ</i> , 2010 , 341, c4684 | 5.9 | 160 |
| 233 | Prediction of radiotherapy outcome using dynamic contrast enhanced MRI of carcinoma of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 54, 759-67 | 4 | 153 |
| 232 | A 26-gene hypoxia signature predicts benefit from hypoxia-modifying therapy in laryngeal cancer but not bladder cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 4879-88 | 12.9 | 143 |
| 231 | Apoptosis, intrinsic radiosensitivity and prediction of radiotherapy response in cervical carcinoma. <i>Radiotherapy and Oncology</i> , 1995 , 37, 1-9 | 5.3 | 136 |
| 230 | Targeting Hypoxia to Improve Non-Small Cell Lung Cancer Outcome. <i>Journal of the National Cancer Institute</i> , 2018 , 110, | 9.7 | 124 |
| 229 | Measurements of hypoxia using pimonidazole and polarographic oxygen-sensitive electrodes in human cervix carcinomas. <i>Radiotherapy and Oncology</i> , 2003 , 67, 35-44 | 5.3 | 124 |
| 228 | Genetics and genomics of radiotherapy toxicity: towards prediction. <i>Genome Medicine</i> , 2011 , 3, 52 | 14.4 | 118 |

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| 227 | Hypoxia-inducible factor 1alpha expression as an intrinsic marker of hypoxia: correlation with tumor oxygen, pimonidazole measurements, and outcome in locally advanced carcinoma of the cervix. <i>Clinical Cancer Research</i> , 2004 , 10, 8405-12 | 12.9 | 112 |
| 226 | A genome wide association study (GWAS) providing evidence of an association between common genetic variants and late radiotherapy toxicity. <i>Radiotherapy and Oncology</i> , 2014 , 111, 178-85 | 5.3 | 102 |
| 225 | Enhanced stability of microRNA expression facilitates classification of FFPE tumour samples exhibiting near total mRNA degradation. <i>British Journal of Cancer</i> , 2012 , 107, 684-94 | 8.7 | 101 |
| 224 | Establishment of a Radiogenomics Consortium. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 76, 1295-6 | 4 | 98 |
| 223 | HPV-Related Oropharynx Cancer in the United Kingdom: An Evolution in the Understanding of Disease Etiology. <i>Cancer Research</i> , 2016 , 76, 6598-6606 | 10.1 | 95 |
| 222 | Preliminary study of oxygen-enhanced longitudinal relaxation in MRI: a potential novel biomarker of oxygenation changes in solid tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 75, 1209-15 | 4 | 95 |
| 221 | Tumor radiosensitivity (SF2) is a prognostic factor for local control in head and neck cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 46, 13-9 | 4 | 93 |
| 220 | A three-stage genome-wide association study identifies a susceptibility locus for late radiotherapy toxicity at 2q24.1. <i>Nature Genetics</i> , 2014 , 46, 891-4 | 36.3 | 92 |
| 219 | The prognostic value of pimonidazole and tumour pO2 in human cervix carcinomas after radiation therapy: a prospective international multi-center study. <i>Radiotherapy and Oncology</i> , 2006 , 80, 123-31 | 5.3 | 91 |
| 218 | Ionizing radiation biomarkers in epidemiological studies - An update. <i>Mutation Research - Reviews in Mutation Research</i> , 2017 , 771, 59-84 | 7 | 90 |
| 217 | Glucose transporter-1 (GLUT-1): a potential marker of prognosis in rectal carcinoma?. <i>British Journal of Cancer</i> , 2003 , 89, 870-6 | 8.7 | 90 |
| 216 | Combretastatin A4 phosphate. <i>Anti-Cancer Drugs</i> , 2004 , 15, 179-87 | 2.4 | 89 |
| 215 | Hypoxia-inducible factor-1alpha expression in the gastric carcinogenesis sequence and its prognostic role in gastric and gastro-oesophageal adenocarcinomas. <i>British Journal of Cancer</i> , 2007 , 96, 95-103 | 8.7 | 88 |
| 214 | A comparison of tracer kinetic models for T1-weighted dynamic contrast-enhanced MRI: application in carcinoma of the cervix. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 691-700 | 4.4 | 84 |
| 213 | The biology of photodynamic therapy. <i>Physics in Medicine and Biology</i> , 1997 , 42, 913-35 | 3.8 | 82 |
| 212 | Chromosomal radiosensitivity as a marker of predisposition to common cancers?. <i>British Journal of Cancer</i> , 2001 , 84, 892-6 | 8.7 | 79 |
| 211 | Expression of Ku70 correlates with survival in carcinoma of the cervix. <i>British Journal of Cancer</i> , 2000 , 83, 1702-6 | 8.7 | 78 |
| 210 | A comparison of the radiosensitivity of lymphocytes from normal donors, cancer patients, individuals with ataxia-telangiectasia (A-T) and A-T heterozygotes. <i>International Journal of Radiation Biology</i> , 1995 , 68, 197-203 | 2.9 | 78 |

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| 209 | Lysyl oxidase: from basic science to future cancer treatment. <i>Cell Structure and Function</i> , 2012 , 37, 75-80 | 2.2 | 75 |
| 208 | Expression of hypoxia-inducible factor 1 alpha in thyroid carcinomas. <i>Endocrine-Related Cancer</i> , 2010 , 17, 61-72 | 5.7 | 75 |
| 207 | Cediranib combined with carboplatin and paclitaxel in patients with metastatic or recurrent cervical cancer (CIRCCa): a randomised, double-blind, placebo-controlled phase 2 trial. <i>Lancet Oncology</i> , 2015 , 16, 1515-1524 | 21.7 | 74 |
| 206 | Epigenetic downregulation of human disabled homolog 2 switches TGF-beta from a tumor suppressor to a tumor promoter. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2842-57 | 15.9 | 74 |
| 205 | Invasive oxygen measurements and pimonidazole labeling in human cervix carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 49, 581-6 | 4 | 73 |
| 204 | A Gene Signature for Selecting Benefit from Hypoxia Modification of Radiotherapy for High-Risk Bladder Cancer Patients. <i>Clinical Cancer Research</i> , 2017 , 23, 4761-4768 | 12.9 | 70 |
| 203 | Individual patient data meta-analysis shows a significant association between the ATM rs1801516 SNP and toxicity after radiotherapy in 5456 breast and prostate cancer patients. <i>Radiotherapy and Oncology</i> , 2016 , 121, 431-439 | 5.3 | 69 |
| 202 | Hypoxia in head and neck cancer. <i>British Journal of Radiology</i> , 2006 , 79, 791-8 | 3.4 | 68 |
| 201 | Development and Validation of a 28-gene Hypoxia-related Prognostic Signature for Localized Prostate Cancer. <i>EBioMedicine</i> , 2018 , 31, 182-189 | 8.8 | 67 |
| 200 | Expression of vascular endothelial growth factor (VEGF) in locally invasive prostate cancer is prognostic for radiotherapy outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 67, 84-90 | 4 | 67 |
| 199 | Evaluation of surviving fraction at 2 Gy as a potential prognostic factor for the radiotherapy of carcinoma of the cervix. <i>International Journal of Radiation Biology</i> , 1989 , 56, 761-5 | 2.9 | 67 |
| 198 | Radiosensitivity testing of primary cervical carcinoma: evaluation of intra- and inter-tumour heterogeneity. <i>Radiotherapy and Oncology</i> , 1990 , 18, 349-56 | 5.3 | 66 |
| 197 | Is the hypoxia-inducible factor pathway important in gastric cancer?. <i>European Journal of Cancer</i> , 2005 , 41, 2792-805 | 7.5 | 65 |
| 196 | Spectral clustering of microarray data elucidates the roles of microenvironment remodeling and immune responses in survival of head and neck squamous cell carcinoma. <i>Journal of Clinical Oncology</i> , 2010 , 28, 2881-8 | 2.2 | 64 |
| 195 | Dynamic contrast-enhanced magnetic resonance imaging biomarkers in head and neck cancer: potential to guide treatment? A systematic review. <i>Oral Oncology</i> , 2014 , 50, 963-70 | 4.4 | 63 |
| 194 | Lymphocyte radiosensitivity is a significant prognostic factor for morbidity in carcinoma of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 51, 10-5 | 4 | 62 |
| 193 | Trans-ancestry genome-wide association meta-analysis of prostate cancer identifies new susceptibility loci and informs genetic risk prediction. <i>Nature Genetics</i> , 2021 , 53, 65-75 | 36.3 | 62 |
| 192 | Perfusion estimated with rapid dynamic contrast-enhanced magnetic resonance imaging correlates inversely with vascular endothelial growth factor expression and pimonidazole staining in head-and-neck cancer: a pilot study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, 1176-83 | 4 | 58 |

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| 191 | Tumour budding and a low host inflammatory response are associated with a poor prognosis in oesophageal and gastro-oesophageal junction cancers. <i>Histopathology</i> , 2010 , 56, 893-9 | 7.3 | 58 |
| 190 | Fine-mapping of prostate cancer susceptibility loci in a large meta-analysis identifies candidate causal variants. <i>Nature Communications</i> , 2018 , 9, 2256 | 17.4 | 57 |
| 189 | Head and neck cancer--Part 2: Treatment and prognostic factors. <i>BMJ, The</i> , 2010 , 341, c4690 | 5.9 | 56 |
| 188 | A replicated association between polymorphisms near TNF and risk for adverse reactions to radiotherapy. <i>British Journal of Cancer</i> , 2012 , 107, 748-53 | 8.7 | 55 |
| 187 | Development and Validation of a Combined Hypoxia and Immune Prognostic Classifier for Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2019 , 25, 5315-5328 | 12.9 | 54 |
| 186 | Radiogenomics: the search for genetic predictors of radiotherapy response. <i>Future Oncology</i> , 2014 , 10, 2391-406 | 3.6 | 54 |
| 185 | Distinct patterns of infiltrating CD8+ T cells in HPV+ and CD68 macrophages in HPV- oropharyngeal squamous cell carcinomas are associated with better clinical outcome but PD-L1 expression is not prognostic. <i>Oncotarget</i> , 2017 , 8, 14416-14427 | 3.3 | 54 |
| 184 | XRCC1 Polymorphism Associated With Late Toxicity After Radiation Therapy in Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 1084-1092 | 4 | 53 |
| 183 | Individual patient data meta-analysis shows no association between the SNP rs1800469 in TGFB and late radiotherapy toxicity. <i>Radiotherapy and Oncology</i> , 2012 , 105, 289-95 | 5.3 | 52 |
| 182 | Radiogenomics: A systems biology approach to understanding genetic risk factors for radiotherapy toxicity?. <i>Cancer Letters</i> , 2016 , 382, 95-109 | 9.9 | 50 |
| 181 | Meta-analysis of Genome Wide Association Studies Identifies Genetic Markers of Late Toxicity Following Radiotherapy for Prostate Cancer. <i>EBioMedicine</i> , 2016 , 10, 150-63 | 8.8 | 50 |
| 180 | Standardized Total Average Toxicity score: a scale- and grade-independent measure of late radiotherapy toxicity to facilitate pooling of data from different studies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 82, 1065-74 | 4 | 49 |
| 179 | The intrinsic radiosensitivity of cervical carcinoma: correlations with clinical data. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995 , 31, 841-6 | 4 | 49 |
| 178 | Establishment of a radiogenomics consortium. <i>Radiotherapy and Oncology</i> , 2010 , 94, 117-8 | 5.3 | 48 |
| 177 | Imaging vascular physiology to monitor cancer treatment. <i>Critical Reviews in Oncology/Hematology</i> , 2006 , 58, 95-113 | 7 | 48 |
| 176 | STROGAR - STrengthening the Reporting Of Genetic Association studies in Radiogenomics. <i>Radiotherapy and Oncology</i> , 2014 , 110, 182-8 | 5.3 | 47 |
| 175 | Enhancing fraction measured using dynamic contrast-enhanced MRI predicts disease-free survival in patients with carcinoma of the cervix. <i>British Journal of Cancer</i> , 2010 , 102, 23-6 | 8.7 | 47 |
| 174 | No association between SNPs regulating TGF- β secretion and late radiotherapy toxicity to the breast: results from the RAPPER study. <i>Radiotherapy and Oncology</i> , 2010 , 97, 9-14 | 5.3 | 47 |

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| 173 | Prognostic significance of tumor hypoxia inducible factor-1alpha expression for outcome after radiotherapy in oropharyngeal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 72, 1551-9 | 4 | 47 |
| 172 | Prediction of cervical carcinoma response to radiotherapy. <i>Lancet, The</i> , 1991 , 338, 818 | 4.0 | 47 |
| 171 | Evaluation of the LENT-SOMA scales for the prospective assessment of treatment morbidity in cervical carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003 , 56, 502-10 | 4 | 46 |
| 170 | A correlation between residual radiation-induced DNA double-strand breaks in cultured fibroblasts and late radiotherapy reactions in breast cancer patients. <i>Radiotherapy and Oncology</i> , 1999 , 51, 55-65 | 5.3 | 46 |
| 169 | A comparison of the sensitivity to photodynamic treatment of endothelial and tumour cells in different proliferative states. <i>International Journal of Radiation Biology</i> , 1990 , 58, 145-56 | 2.9 | 46 |
| 168 | Shared heritability and functional enrichment across six solid cancers. <i>Nature Communications</i> , 2019 , 10, 431 | 17.4 | 45 |
| 167 | Statistical considerations of optimal study design for human plasma proteomics and biomarker discovery. <i>Journal of Proteome Research</i> , 2012 , 11, 2103-13 | 5.6 | 45 |
| 166 | Necrosis predicts benefit from hypoxia-modifying therapy in patients with high risk bladder cancer enrolled in a phase III randomised trial. <i>Radiotherapy and Oncology</i> , 2013 , 108, 40-7 | 5.3 | 45 |
| 165 | Development and validation of a nomogram for prediction of survival and local control in laryngeal carcinoma patients treated with radiotherapy alone: a cohort study based on 994 patients. <i>Radiotherapy and Oncology</i> , 2011 , 100, 108-15 | 5.3 | 45 |
| 164 | The intrinsic radiosensitivity of normal and tumour cells. <i>International Journal of Radiation Biology</i> , 1998 , 73, 409-13 | 2.9 | 45 |
| 163 | Changes in oxygenation during radiotherapy in carcinoma of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 45, 119-26 | 4 | 45 |
| 162 | The genomics revolution and radiotherapy. <i>Clinical Oncology</i> , 2007 , 19, 470-80 | 2.8 | 44 |
| 161 | Chromosomal radiosensitivity in young cancer patients: possible evidence of genetic predisposition. <i>International Journal of Radiation Biology</i> , 2002 , 78, 341-6 | 2.9 | 44 |
| 160 | Head and neck cancer-part 1: epidemiology, presentation, and preservation. <i>Clinical Otolaryngology</i> , 2011 , 36, 65-8 | 1.8 | 43 |
| 159 | Incorporating biologic measurements (SF(2), CFE) into a tumor control probability model increases their prognostic significance: a study in cervical carcinoma treated with radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 50, 1113-22 | 4 | 43 |
| 158 | NIMRAD - a phase III trial to investigate the use of nimorazole hypoxia modification with intensity-modulated radiotherapy in head and neck cancer. <i>Clinical Oncology</i> , 2014 , 26, 344-7 | 2.8 | 42 |
| 157 | The prognostic significance of the biomarker p16 in oropharyngeal squamous cell carcinoma. <i>Clinical Oncology</i> , 2013 , 25, 630-8 | 2.8 | 42 |
| 156 | Increasing expression of hypoxia-inducible proteins in the Barrett's metaplasia-dysplasia-adenocarcinoma sequence. <i>British Journal of Cancer</i> , 2007 , 96, 1377-83 | 8.7 | 42 |

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|-----|--|------|----|
| 155 | Apoptosis as predictor of response to radiotherapy in cervical carcinoma. <i>Lancet, The</i> , 1994 , 344, 472 | 4.0 | 42 |
| 154 | FGFR2, HER2 and cMet in gastric adenocarcinoma: detection, prognostic significance and assessment of downstream pathway activation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2014 , 464, 145-56 | 5.1 | 41 |
| 153 | Early change in glucose metabolic rate measured using FDG-PET in patients with high-grade glioma predicts response to temozolomide but not temozolomide plus radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 66, 331-8 | 4 | 41 |
| 152 | The Implications of Genetic Testing on Radiation Therapy Decisions: A Guide for Radiation Oncologists. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 698-712 | 4 | 38 |
| 151 | Tumour vascularity is a significant prognostic factor for cervix carcinoma treated with radiotherapy: independence from tumour radiosensitivity. <i>British Journal of Cancer</i> , 1999 , 81, 354-8 | 8.7 | 37 |
| 150 | Investigation of radiosensitivity gene signatures in cancer cell lines. <i>PLoS ONE</i> , 2014 , 9, e86329 | 3.7 | 34 |
| 149 | FTIR microspectroscopy of selected rare diverse sub-variants of carcinoma of the urinary bladder. <i>Journal of Biophotonics</i> , 2013 , 6, 73-87 | 3.1 | 33 |
| 148 | Radiogenomics and radiotherapy response modeling. <i>Physics in Medicine and Biology</i> , 2017 , 62, R179-R206 | 3.6 | 33 |
| 147 | Exon array analysis of head and neck cancers identifies a hypoxia related splice variant of LAMA3 associated with a poor prognosis. <i>PLoS Computational Biology</i> , 2009 , 5, e1000571 | 5 | 33 |
| 146 | The radiosensitivity of human fibroblast cell lines correlates with residual levels of DNA double-strand breaks. <i>Radiotherapy and Oncology</i> , 1998 , 47, 271-6 | 5.3 | 33 |
| 145 | The potential of positron-emission tomography to study anticancer-drug resistance. <i>Nature Reviews Cancer</i> , 2004 , 4, 457-69 | 31.3 | 32 |
| 144 | Assessment of morbidity in carcinoma of the cervix: a comparison of the LENT SOMA scales and the Franco-Italian glossary. <i>Radiotherapy and Oncology</i> , 2003 , 69, 195-200 | 5.3 | 32 |
| 143 | Radiogenomics Consortium Genome-Wide Association Study Meta-Analysis of Late Toxicity After Prostate Cancer Radiotherapy. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 179-190 | 9.7 | 32 |
| 142 | Expression of hypoxia-inducible factor-1 β predicts benefit from hypoxia modification in invasive bladder cancer. <i>British Journal of Cancer</i> , 2014 , 111, 437-43 | 8.7 | 31 |
| 141 | Use of low-dose rate irradiation to measure the intrinsic radiosensitivity of human T-lymphocytes. <i>International Journal of Radiation Biology</i> , 1993 , 64, 375-83 | 2.9 | 31 |
| 140 | Radiation response and cure rate of human colon adenocarcinoma spheroids of different size: the significance of hypoxia on tumor control modelling. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 49, 1109-18 | 4 | 30 |
| 139 | Germline variation at 8q24 and prostate cancer risk in men of European ancestry. <i>Nature Communications</i> , 2018 , 9, 4616 | 17.4 | 30 |
| 138 | Precision Oncology and Genomically Guided Radiation Therapy: A Report From the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 271-281 | 4 | 29 |

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| 137 | The FOXM1-PLK1 axis is commonly upregulated in oesophageal adenocarcinoma. <i>British Journal of Cancer</i> , 2012 , 107, 1766-75 | 8.7 | 29 |
| 136 | Differential expression of cytokine genes in fibroblasts derived from skin biopsies of patients who developed minimal or severe normal tissue damage after radiotherapy. <i>Radiation Research</i> , 2002 , 157, 243-8 | 3.1 | 29 |
| 135 | Incorporating Genetic Biomarkers into Predictive Models of Normal Tissue Toxicity. <i>Clinical Oncology</i> , 2015 , 27, 579-87 | 2.8 | 28 |
| 134 | Prospective technical validation and assessment of intra-tumour heterogeneity of a low density array hypoxia gene profile in head and neck squamous cell carcinoma. <i>European Journal of Cancer</i> , 2013 , 49, 156-65 | 7.5 | 28 |
| 133 | Exon-array profiling unlocks clinically and biologically relevant gene signatures from formalin-fixed paraffin-embedded tumour samples. <i>British Journal of Cancer</i> , 2011 , 104, 971-81 | 8.7 | 28 |
| 132 | A high ratio of apoptosis to proliferation correlates with improved survival after radiotherapy for cervical adenocarcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 44, 507-12 | 4 | 28 |
| 131 | The immunohistochemical expression of DNA-PKCS and Ku (p70/p80) in head and neck cancers: relationships with radiosensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 45, 1005-10 | 4 | 28 |
| 130 | The Radiation Response of a Human Colon Adenocarcinoma Grown in Monolayer, as Spheroids, and in Nude Mice. <i>Radiation Research</i> , 1987 , 112, 105 | 3.1 | 28 |
| 129 | A correlation between residual DNA double-strand breaks and clonogenic measurements of radiosensitivity in fibroblasts from preradiotherapy cervix cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997 , 39, 1137-44 | 4 | 27 |
| 128 | REQUIRE: A prospective multicentre cohort study of patients undergoing radiotherapy for breast, lung or prostate cancer. <i>Radiotherapy and Oncology</i> , 2019 , 138, 59-67 | 5.3 | 26 |
| 127 | Clinical and biological factors affecting response to radiotherapy in patients with head and neck cancer: a review. <i>Clinical Otolaryngology</i> , 2007 , 32, 337-45 | 1.8 | 26 |
| 126 | A radiobiological comparison of human tumor soft-agar clonogenic assays. <i>International Journal of Cancer</i> , 1986 , 37, 897-903 | 7.5 | 26 |
| 125 | Cell survival characteristics of a human colon adenocarcinoma cell line after photodynamic treatment: a comparison of Photofrin II and TPPS. <i>International Journal of Radiation Biology</i> , 1988 , 54, 621-34 | 2.9 | 26 |
| 124 | Molecular and cellular processes underlying the hallmarks of head and neck cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013 , 270, 2585-93 | 3.5 | 25 |
| 123 | Hypoxia-associated markers in gastric carcinogenesis and HIF-2alpha in gastric and gastro-oesophageal cancer prognosis. <i>British Journal of Cancer</i> , 2008 , 98, 965-73 | 8.7 | 25 |
| 122 | Mitochondrial DNA mutations in head and neck cancer are infrequent and lack prognostic utility. <i>British Journal of Cancer</i> , 2011 , 104, 1319-24 | 8.7 | 24 |
| 121 | Relationships between clonogenic cell survival, DNA damage and chromosomal radiosensitivity in nine human cervix carcinoma cell lines. <i>International Journal of Radiation Biology</i> , 2001 , 77, 295-302 | 2.9 | 24 |
| 120 | Use of an internal standard in comparative measurements of the intrinsic radiosensitivities of human T-lymphocytes. <i>International Journal of Radiation Biology</i> , 1993 , 64, 385-91 | 2.9 | 24 |

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| 119 | Tumour stem cells: the relevance of predictive assays for tumour control after radiotherapy. <i>Radiotherapy and Oncology</i> , 1994 , 30, 11-6 | 5.3 | 24 |
| 118 | Genome-wide association studies and prediction of normal tissue toxicity. <i>Seminars in Radiation Oncology</i> , 2012 , 22, 91-9 | 5.5 | 22 |
| 117 | Data-Based Radiation Oncology: Design of Clinical Trials in the Toxicity Biomarkers Era. <i>Frontiers in Oncology</i> , 2017 , 7, 83 | 5.3 | 22 |
| 116 | Blood flow and Vd (water): both biomarkers required for interpreting the effects of vascular targeting agents on tumor and normal tissue. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 303-9 | 6.1 | 22 |
| 115 | Short report: a morbidity scoring system for Clinical Oncology practice: questionnaires produced from the LENT SOMA scoring system. <i>Clinical Oncology</i> , 2002 , 14, 68-9 | 2.8 | 22 |
| 114 | Pretreatment plasma TGF beta 1 levels are prognostic for survival but not morbidity following radiation therapy of carcinoma of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 48, 991-5 | 4 | 22 |
| 113 | Osteoradionecrosis in head-and-neck cancer has a distinct genotype-dependent cause. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 82, 1479-84 | 4 | 21 |
| 112 | Epidermal growth factor receptor-targeted therapy. <i>British Journal of Radiology</i> , 2008 , 81 Spec No 1, S36-44 | 3.4 | 21 |
| 111 | Prognostic significance of c-erbB-2 protein expression in carcinoma of the cervix treated with radiotherapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 1999 , 125, 96-100 | 4.9 | 21 |
| 110 | The photodynamic effects of photofrin II, hematoporphyrin derivative, hematoporphyrin, and tetrasodium-mesotetra(4-sulfonatophenyl)porphine in vitro: clonogenic cell survival and drug uptake studies. <i>Photochemistry and Photobiology</i> , 1989 , 49, 169-74 | 3.6 | 21 |
| 109 | Statin-induced metabolic reprogramming in head and neck cancer: a biomarker for targeting monocarboxylate transporters. <i>Scientific Reports</i> , 2018 , 8, 16804 | 4.9 | 21 |
| 108 | Development of a patient-reported questionnaire for collecting toxicity data following prostate brachytherapy. <i>Radiotherapy and Oncology</i> , 2010 , 97, 136-42 | 5.3 | 20 |
| 107 | Measurement tools for gastrointestinal symptoms in radiation oncology. <i>Current Opinion in Supportive and Palliative Care</i> , 2009 , 3, 36-40 | 2.6 | 20 |
| 106 | Thoracic radiotherapy for limited-stage small-cell lung cancer: controversies and future developments. <i>Clinical Oncology</i> , 2005 , 17, 591-8 | 2.8 | 20 |
| 105 | Relationship between residual radiation-induced DNA double-strand breaks in cultured fibroblasts and late radiation reactions: a comparison of training and validation cohorts of breast cancer patients. <i>Radiotherapy and Oncology</i> , 2002 , 62, 321-6 | 5.3 | 20 |
| 104 | Lack of prognostic effect of carbonic anhydrase-9, hypoxia inducible factor-1 and bcl-2 in 286 patients with early squamous cell carcinoma of the glottic larynx treated with radiotherapy. <i>Clinical Oncology</i> , 2013 , 25, 59-65 | 2.8 | 19 |
| 103 | The prognostic value of dynamic contrast-enhanced MRI contrast agent transfer constant K in cervical cancer is explained by plasma flow rather than vessel permeability. <i>British Journal of Cancer</i> , 2017 , 116, 1436-1443 | 8.7 | 18 |
| 102 | Loss of expression of the tumour suppressor gene AIMP3 predicts survival following radiotherapy in muscle-invasive bladder cancer. <i>International Journal of Cancer</i> , 2015 , 136, 709-20 | 7.5 | 18 |

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|-----|--|------|----|
| 101 | Validation of a hypoxia related gene signature in multiple soft tissue sarcoma cohorts. <i>Oncotarget</i> , 2018 , 9, 3946-3955 | 3.3 | 18 |
| 100 | MRE11 as a Predictive Biomarker of Outcome After Radiation Therapy in Bladder Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 809-818 | 4 | 17 |
| 99 | Will SNPs be useful predictors of normal tissue radiosensitivity in the future?. <i>Radiotherapy and Oncology</i> , 2012 , 105, 283-8 | 5.3 | 17 |
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