

Susan C Short

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

6,038
citations

101543

36
h-index

79698

73
g-index

110
all docs

110
docs citations

110
times ranked

7564
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Prevalence of <i>BRAF</i> V600 in glioma and use of <i>BRAF</i> Inhibitors in patients with <i>BRAF</i> V600 mutation-positive glioma: systematic review. <i>Neuro-Oncology</i> , 2022, 24, 528-540. | 1.2 | 26 |
| 2 | Long-term impact of adult WHO grade II or III gliomas on health-related quality of life: A systematic review. <i>Neuro-Oncology Practice</i> , 2022, 9, 3-17. | 1.6 | 5 |
| 3 | Drug Resistance in Glioma Cells Induced by a Mesenchymal Amoeboïd Migratory Switch. <i>Biomedicines</i> , 2022, 10, 9. | 3.2 | 10 |
| 4 | Increased replication stress and R-loop accumulation in EGFRvIII-expressing glioblastoma present new therapeutic opportunities. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab180. | 0.7 | 2 |
| 5 | HOX and PBX gene dysregulation as a therapeutic target in glioblastoma multiforme. <i>BMC Cancer</i> , 2022, 22, 400. | 2.6 | 7 |
| 6 | Intensity standardization of MRI prior to radiomic feature extraction for artificial intelligence research in glioma—a systematic review. <i>European Radiology</i> , 2022, 32, 7014-7025. | 4.5 | 10 |
| 7 | Glioma progression is shaped by genetic evolution and microenvironment interactions. <i>Cell</i> , 2022, 185, 2184-2199.e16. | 28.9 | 163 |
| 8 | EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 170-186. | 27.6 | 826 |
| 9 | Establishing a Link Between Commonly Reported Toxicities and Tumour Location in Brain Tumour Patients Treated With Volumetric-modulated Arc Radiotherapy. <i>Clinical Oncology</i> , 2021, 33, e97-e98. | 1.4 | 1 |
| 10 | A phase 1b randomised, placebo-controlled trial of nabiximols cannabinoid oromucosal spray with temozolomide in patients with recurrent glioblastoma. <i>British Journal of Cancer</i> , 2021, 124, 1379-1387. | 6.4 | 66 |
| 11 | Glycolysis and Fatty Acid Oxidation Inhibition Improves Survival in Glioblastoma. <i>Frontiers in Oncology</i> , 2021, 11, 633210. | 2.8 | 30 |
| 12 | Hematopoietic stem cell gene therapy targeting TGF β 2 enhances the efficacy of irradiation therapy in a preclinical glioblastoma model. , 2021, 9, e001143. | | 7 |
| 13 | GSK-3 Inhibition Is Cytotoxic in Glioma Stem Cells through Centrosome Destabilization and Enhances the Effect of Radiotherapy in Orthotopic Models. <i>Cancers</i> , 2021, 13, 5939. | 3.7 | 5 |
| 14 | Patient Involvement in the Design of a Randomised Trial of Proton Beam Radiotherapy Versus Standard Radiotherapy for Good Prognosis Glioma. <i>Clinical Oncology</i> , 2020, 32, 89-92. | 1.4 | 5 |
| 15 | Expression profiling of single cells and patient cohorts identifies multiple immunosuppressive pathways and an altered NK cell phenotype in glioblastoma. <i>Clinical and Experimental Immunology</i> , 2020, 200, 33-44. | 2.6 | 51 |
| 16 | Profiling cytotoxic microRNAs in pediatric and adult glioblastoma cells by high-content screening, identification, and validation of miR-1300. <i>Oncogene</i> , 2020, 39, 5292-5306. | 5.9 | 5 |
| 17 | Healthcare utilization and productivity loss in glioma patients and family caregivers: the impact of treatable psychological symptoms. <i>Journal of Neuro-Oncology</i> , 2020, 147, 485-494. | 2.9 | 16 |
| 18 | Hydroxychloroquine and short-course radiotherapy in elderly patients with newly diagnosed high-grade glioma: a randomized phase II trial. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa046. | 0.7 | 7 |

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|----|--|------|-----------|
| 19 | EGFRvIII upregulates DNA mismatch repair resulting in increased temozolomide sensitivity of MGMT promoter methylated glioblastoma. <i>Oncogene</i> , 2020, 39, 3041-3055. | 5.9 | 42 |
| 20 | Gender issues from the perspective of health-care professionals in Neuro-oncology: an EANO and EORTC Brain Tumor Group survey. <i>Neuro-Oncology Practice</i> , 2020, 7, 249-259. | 1.6 | 1 |
| 21 | Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. <i>Neuro-Oncology</i> , 2020, 22, 1073-1113. | 1.2 | 543 |
| 22 | A novel workflow for three-dimensional analysis of tumour cell migration. <i>Interface Focus</i> , 2020, 10, 20190070. | 3.0 | 4 |
| 23 | CTIM-14. PELAREOREP AND GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR (GM-CSF) WITH STANDARD CHEMORADIOOTHERAPY/ADJUVANT TEMOZOLOMIDE FOR GLIOBLASTOMA MULTIFORME (GBM) PATIENTS: REOGLIO PHASE I TRIAL RESULTS. <i>Neuro-Oncology</i> , 2020, 22, ii35-ii36. | 1.2 | 1 |
| 24 | Patient engagement in the design of a randomised trial of proton beam radiotherapy versus photon radiotherapy for good prognosis glioma. <i>Neuro-Oncology</i> , 2019, 21, iv10-iv11. | 1.2 | 0 |
| 25 | The impact of the neuro-oncology research radiographer role in the effective facilitation of an advanced imaging study in glioblastoma. <i>Neuro-Oncology</i> , 2019, 21, iv17-iv17. | 1.2 | 0 |
| 26 | Chromatin remodelling to facilitate treatment resistance in glioblastoma. <i>Neuro-Oncology</i> , 2019, 21, iv7-iv7. | 1.2 | 1 |
| 27 | Chemically-induced neurite-like outgrowth reveals multicellular network function in patient-derived glioblastoma cells. <i>Journal of Cell Science</i> , 2019, 132, . | 2.0 | 6 |
| 28 | Highlights of the inaugural ten "the launch of Neuro-Oncology Advances. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz016. | 0.7 | 0 |
| 29 | Hypothalamic-pituitary axis irradiation dose thresholds for the development of hypopituitarism in adult-onset gliomas. <i>Clinical Endocrinology</i> , 2019, 91, 131-140. | 2.4 | 19 |
| 30 | FGFR1 Expression and Role in Migration in Low and High Grade Pediatric Gliomas. <i>Frontiers in Oncology</i> , 2019, 9, 103. | 2.8 | 12 |
| 31 | Senolytics and senostatics as adjuvant tumour therapy. <i>EBioMedicine</i> , 2019, 41, 683-692. | 6.1 | 136 |
| 32 | Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019, 576, 112-120. | 27.8 | 320 |
| 33 | shRNA-mediated PPAR γ knockdown in human glioma stem cells reduces <i>in vitro</i> proliferation and inhibits orthotopic xenograft tumour growth. <i>Journal of Pathology</i> , 2019, 247, 422-434. | 4.5 | 13 |
| 34 | PARADIGM-2: Two parallel phase I studies of olaparib and radiotherapy or olaparib and radiotherapy plus temozolomide in patients with newly diagnosed glioblastoma, with treatment stratified by MGMT status. <i>Clinical and Translational Radiation Oncology</i> , 2018, 8, 12-16. | 1.7 | 51 |
| 35 | Intravenous delivery of oncolytic reovirus to brain tumor patients immunologically primes for subsequent checkpoint blockade. <i>Science Translational Medicine</i> , 2018, 10, . | 12.4 | 288 |
| 36 | Development of clinical simultaneous SPECT/MRI. <i>British Journal of Radiology</i> , 2018, 91, 20160690. | 2.2 | 51 |

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|----|--|------|-----------|
| 37 | Selective BCL-XL inhibition promotes apoptosis in combination with MLN8237 in medulloblastoma and pediatric glioblastoma cells. <i>Neuro-Oncology</i> , 2018, 20, 203-214. | 1.2 | 22 |
| 38 | Systematic Review of Synthetic Computed Tomography Generation Methodologies for Use in Magnetic Resonance Imagingâ€”Only Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 199-217. | 0.8 | 235 |
| 39 | How to analyse the spatiotemporal tumour samples needed to investigate cancer evolution: A case study using paired primary and recurrent glioblastoma. <i>International Journal of Cancer</i> , 2018, 142, 1620-1626. | 5.1 | 8 |
| 40 | Evaluating the repeatability and set-up sensitivity of a large field of view distortion phantom and software for magnetic resonance-only radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 6, 31-38. | 2.9 | 22 |
| 41 | KHS101 disrupts energy metabolism in human glioblastoma cells and reduces tumor growth in mice. <i>Science Translational Medicine</i> , 2018, 10, . | 12.4 | 54 |
| 42 | RAD51 Is a Selective DNA Repair Target to Radiosensitize Glioma Stem Cells. <i>Stem Cell Reports</i> , 2017, 8, 125-139. | 4.8 | 100 |
| 43 | Drug-Repositioning Screens Identify Triamterene as a Selective Drug for the Treatment of DNA Mismatch Repair Deficient Cells. <i>Clinical Cancer Research</i> , 2017, 23, 2880-2890. | 7.0 | 19 |
| 44 | Oncolytic Herpes Simplex Virus Inhibits Pediatric Brain Tumor Migration and Invasion. <i>Molecular Therapy - Oncolytics</i> , 2017, 5, 75-86. | 4.4 | 22 |
| 45 | Pituitary dysfunction following cranial radiotherapy for adultâ€”onset nonpituitary brain tumours. <i>Clinical Endocrinology</i> , 2016, 84, 372-379. | 2.4 | 61 |
| 46 | Brain Tumours. <i>Medical Radiology</i> , 2016, , 127-142. | 0.1 | 0 |
| 47 | Amino-acid PET versus MRI guided re-irradiation in patients with recurrent glioblastoma multiforme (GLIAA) â€” protocol of a randomized phase II trial (NOA 10/ARO 2013-1). <i>BMC Cancer</i> , 2016, 16, 769. | 2.6 | 62 |
| 48 | Science in Focus: MicroRNA in Glioma â€” Potential as Biomarkers and Therapeutic Targets. <i>Clinical Oncology</i> , 2016, 28, 543-546. | 1.4 | 4 |
| 49 | A validated microRNA profile with predictive potential in glioblastoma patients treated with bevacizumab. <i>Molecular Oncology</i> , 2016, 10, 1296-1304. | 4.6 | 19 |
| 50 | ESTRO-ACROP guideline â€”target delineation of glioblastomasâ€”. <i>Radiotherapy and Oncology</i> , 2016, 118, 35-42. | 0.6 | 286 |
| 51 | Combination viroimmunotherapy with checkpoint inhibition to treat glioma, based on location-specific tumor profiling. <i>Neuro-Oncology</i> , 2016, 18, 518-527. | 1.2 | 57 |
| 52 | Loss of expression of the tumour suppressor gene <i>AIMP3</i> predicts survival following radiotherapy in muscleâ€”invasive bladder cancer. <i>International Journal of Cancer</i> , 2015, 136, 709-720. | 5.1 | 24 |
| 53 | High-content analysis of tumour cell invasion in three-dimensional spheroid assays. <i>Oncoscience</i> , 2015, 2, 596-606. | 2.2 | 27 |
| 54 | Towards the production of radiotherapy treatment shells on 3D printers using data derived from DICOM CT and MRI: preclinical feasibility studies. <i>Journal of Radiotherapy in Practice</i> , 2015, 14, 92-98. | 0.5 | 26 |

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|----|--|-----|-----------|
| 55 | Diagnostic delay and survival in high-grade gliomas – evidence of the “waiting time paradox”? British Journal of Neurosurgery, 2015, 29, 520-523. | 0.8 | 15 |
| 56 | Prediction of clinical outcome in glioblastoma using a biologically relevant nine-microRNA signature. Molecular Oncology, 2015, 9, 704-714. | 4.6 | 56 |
| 57 | Position statement on ethics, equipoise and research on charged particle radiation therapy. Journal of Medical Ethics, 2014, 40, 572-575. | 1.8 | 20 |
| 58 | Peptide receptor radionuclide therapy for aggressive atypical pituitary adenoma/carcinoma: variable clinical response in preliminary evaluation. Pituitary, 2014, 17, 530-538. | 2.9 | 56 |
| 59 | Methylation-specific multiplex ligation-dependent probe amplification identifies promoter methylation events associated with survival in glioblastoma. Journal of Neuro-Oncology, 2014, 117, 243-251. | 2.9 | 12 |
| 60 | Changes in mast cell number and stem cell factor expression in human skin after radiotherapy for breast cancer. Radiotherapy and Oncology, 2014, 111, 206-211. | 0.6 | 7 |
| 61 | Benchmarking of a treatment planning system for spot scanning proton therapy: Comparison and analysis of robustness to setup errors of photon IMRT and proton SFUD treatment plans of base of skull meningioma. Medical Physics, 2014, 41, 111710. | 3.0 | 9 |
| 62 | Biological dosimetry for breast cancer radiotherapy: a comparison of external beam and intraoperative radiotherapy. SpringerPlus, 2014, 3, 329. | 1.2 | 8 |
| 63 | Cytokine levels as biomarkers of radiation fibrosis in patients treated with breast radiotherapy. Radiation Oncology, 2014, 9, 103. | 2.7 | 11 |
| 64 | Prognostic microRNAs in high-grade glioma reveal a link to oligodendrocyte precursor differentiation. Oncoscience, 2014, 2, 252-262. | 2.2 | 12 |
| 65 | Multi-disciplinary management for patients with oligometastases to the brain: results of a 5 year cohort study. Radiation Oncology, 2013, 8, 156. | 2.7 | 26 |
| 66 | Meningioma Causing Visual Impairment: Outcomes and Toxicity After Intensity Modulated Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2013, 85, e179-e186. | 0.8 | 22 |
| 67 | Sequential Transformation of Mesenchymal Stem Cells is Associated with Increased Radiosensitivity and Reduced DNA Repair Capacity. Radiation Research, 2013, 179, 698-706. | 1.5 | 13 |
| 68 | The Role of Autophagy in Clinical Practice. Clinical Oncology, 2012, 24, 387-395. | 1.4 | 35 |
| 69 | Rad51 inhibition is an effective means of targeting DNA repair in glioma models and CD133+ tumor-derived cells. Neuro-Oncology, 2011, 13, 487-499. | 1.2 | 79 |
| 70 | <i>BRCA1</i> and <i>BRCA2</i> heterozygosity in embryonic stem cells reduces radiation-induced Rad51 focus formation but is not associated with radiosensitivity. International Journal of Radiation Biology, 2010, 86, 1095-1105. | 1.8 | 7 |
| 71 | Radiosurgery for brain tumours. BMJ: British Medical Journal, 2010, 340, c3247-c3247. | 2.3 | 5 |
| 72 | Cytotoxic Effects of Temozolomide and Radiation are Additive- and Schedule-Dependent. International Journal of Radiation Oncology Biology Physics, 2009, 75, 1511-1519. | 0.8 | 57 |

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|----|---|-----|-----------|
| 73 | Management of Glioblastoma Multiforme in HIV Patients: a Case Series and Review of Published Studies. <i>Clinical Oncology</i> , 2009, 21, 591-597. | 1.4 | 28 |
| 74 | Re-irradiation of brain tumours – evidence, indications and limitations. <i>European Journal of Cancer</i> , 2009, 45, 410-411. | 2.8 | 1 |
| 75 | Using Retinoids to Increase Radioiodine Uptake in Thyroid Cancer. , 2009, , 991-999. | | 0 |
| 76 | Sub-acute blindness in a patient with a temporal lobe astrocytoma. <i>BMJ Case Reports</i> , 2009, 2009, bcr0120091513-bcr0120091513. | 0.5 | 0 |
| 77 | Survival from brain tumours in England and Wales up to 2001. <i>British Journal of Cancer</i> , 2008, 99, S102-S103. | 6.4 | 3 |
| 78 | DNA repair after irradiation in glioma cells and normal human astrocytes. <i>Neuro-Oncology</i> , 2007, 9, 404-411. | 1.2 | 49 |
| 79 | Dose- and Time-Dependent Changes in Gene Expression in Human Glioma Cells after Low Radiation Doses. <i>Radiation Research</i> , 2007, 168, 199-208. | 1.5 | 13 |
| 80 | ATR-dependent radiation-induced γ H2AX foci in bystander primary human astrocytes and glioma cells. <i>Oncogene</i> , 2007, 26, 993-1002. | 5.9 | 179 |
| 81 | Late Toxicity Is Not Increased in <i>BRCA1/BRCA2</i> Mutation Carriers Undergoing Breast Radiotherapy in the United Kingdom. <i>Clinical Cancer Research</i> , 2006, 12, 7025-7032. | 7.0 | 75 |
| 82 | Acute Chemotherapy-Related Toxicity Is Not Increased in <i>BRCA1</i> and <i>BRCA2</i> Mutation Carriers Treated for Breast Cancer in the United Kingdom. <i>Clinical Cancer Research</i> , 2006, 12, 7033-7038. | 7.0 | 36 |
| 83 | Diffuse pigmented villonodular synovitis of the foot and ankle treated with surgery and radiotherapy. <i>International Orthopaedics</i> , 2005, 29, 403-405. | 1.9 | 39 |
| 84 | Low-dose hyperradiosensitivity of human glioblastoma cell lines in vitro does not translate into improved outcome of ultrafractionated radiotherapy in vivo. <i>International Journal of Radiation Biology</i> , 2005, 81, 751-758. | 1.8 | 35 |
| 85 | DNA Damage Responses at Low Radiation Doses. <i>Radiation Research</i> , 2005, 164, 292-302. | 1.5 | 62 |
| 86 | Low dose hyper-radiosensitivity in metastatic tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1190-1195. | 0.8 | 63 |
| 87 | Primary Central Nervous System Lymphoma with Testicular Relapse. <i>Clinical Oncology</i> , 2004, 16, 193-195. | 1.4 | 7 |
| 88 | A phase II study using retinoids as redifferentiation agents to increase iodine uptake in metastatic thyroid cancer. <i>Clinical Oncology</i> , 2004, 16, 569-574. | 1.4 | 61 |
| 89 | The evaluation of low dose hyper-radiosensitivity in normal human skin. <i>Radiotherapy and Oncology</i> , 2004, 70, 319-329. | 0.6 | 38 |
| 90 | Effects of cell cycle phase on low-dose hyper-radiosensitivity. <i>International Journal of Radiation Biology</i> , 2003, 79, 99-105. | 1.8 | 90 |

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| 91 | Ultrafractionation in A7 human malignant glioma in nude mice. <i>International Journal of Radiation Biology</i> , 2003, 79, 377-383. | 1.8 | 29 |
| 92 | Low-Dose Reduction in Transformation Frequency Compared to Unirradiated Controls: The Role of Hyper-radiosensitivity to Cell Death. <i>Radiation Research</i> , 2003, 159, 433-436. | 1.5 | 64 |
| 93 | Radiobiology and vascular targeting in glioma. <i>Current Opinion in Neurology</i> , 2003, 16, 651-655. | 3.6 | 2 |
| 94 | Effects of cell cycle phase on low-dose hyper-radiosensitivity. <i>International Journal of Radiation Biology</i> , 2003, 79, 99-105. | 1.8 | 29 |
| 95 | Effects of cell cycle phase on low-dose hyper-radiosensitivity. <i>International Journal of Radiation Biology</i> , 2003, 79, 99-105. | 1.8 | 19 |
| 96 | Temozolomide as second-line chemotherapy for relapsed gliomas. <i>Journal of Neuro-Oncology</i> , 2002, 57, 247-251. | 2.9 | 26 |
| 97 | Low-dose hypersensitivity after fractionated low-dose irradiation in vitro. <i>International Journal of Radiation Biology</i> , 2001, 77, 655-664. | 1.8 | 110 |
| 98 | Low-dose hypersensitivity: current status and possible mechanisms. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 49, 379-389. | 0.8 | 508 |
| 99 | Thalidomide as an anti-angiogenic agent in relapsed gliomas. <i>Journal of Neuro-Oncology</i> , 2001, 51, 41-45. | 2.9 | 75 |
| 100 | The response of human glioma cell lines to low-dose radiation exposure. <i>International Journal of Radiation Biology</i> , 1999, 75, 1341-1348. | 1.8 | 73 |
| 101 | Cellular response to low-dose irradiation. <i>Clinical Oncology</i> , 1998, 10, 73-77. | 1.4 | 18 |
| 102 | <i>Neuro-Oncology</i> , 0, , 771-822. | | 1 |
| 103 | NOTCH blockade combined with radiation therapy and temozolomide prolongs survival of orthotopic glioblastoma. <i>Oncotarget</i> , 0, 7, 41251-41264. | 1.8 | 65 |