

# Caroline Chung

## List of Publications by Year in descending order

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Version: 2024-02-01

134  
papers

4,895  
citations

186254

28  
h-index

106340

65  
g-index

142  
all docs

142  
docs citations

142  
times ranked

6927  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Effect of Radiosurgery Alone vs Radiosurgery With Whole Brain Radiation Therapy on Cognitive Function in Patients With 1 to 3 Brain Metastases. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 401.  | 7.4  | 1,225     |
| 2  | Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. <i>Neuro-Oncology</i> , 2015, 17, 1188-98.   | 1.2  | 346       |
| 3  | External beam accelerated partial breast irradiation versus whole breast irradiation after breast conserving surgery in women with ductal carcinoma in situ and node-negative breast cancer (RAPID): a randomised controlled trial. <i>Lancet, The</i> , 2019, 394, 2165-2172.                                 | 13.7 | 279       |
| 4  | Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, e101-e121.   | 3.4  | 241       |
| 5  | Pseudoprogression, radionecrosis, inflammation or true tumor progression? challenges associated with glioblastoma response assessment in an evolving therapeutic landscape. <i>Journal of Neuro-Oncology</i> , 2017, 134, 495-504.   | 2.9  | 160       |
| 6  | Consensus recommendations for a standardized brain tumor imaging protocol for clinical trials in brain metastases. <i>Neuro-Oncology</i> , 2020, 22, 757-772.  | 1.2  | 131       |
| 7  | Consensus recommendations for a dynamic susceptibility contrast MRI protocol for use in high-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1262-1275.   | 1.2  | 109       |
| 8  | Image-guided, intensity-modulated radiation therapy (IG-IMRT) for skull base chordoma and chondrosarcoma: preliminary outcomes. <i>Neuro-Oncology</i> , 2015, 17, 889-894.   | 1.2  | 93        |
| 9  | Initial SRS for Patients With 5 to 15 Brain Metastases: Results of a Multi-Institutional Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 1091-1098.  | 0.8  | 89        |
| 10 | Factors impacting survival following second surgery in patients with glioblastoma in the temozolomide treatment era, incorporating neutrophil/lymphocyte ratio and time to first progression. <i>Journal of Neuro-Oncology</i> , 2014, 117, 147-152.   | 2.9  | 83        |
| 11 | Neutrophil-lymphocyte ratio dynamics during concurrent chemo-radiotherapy for glioblastoma is an independent predictor for overall survival. <i>Journal of Neuro-Oncology</i> , 2017, 132, 463-471.  | 2.9  | 78        |
| 12 | Proton therapy reduces the likelihood of high-grade radiation-induced lymphopenia in glioblastoma patients: phase II randomized study of protons vs photons. <i>Neuro-Oncology</i> , 2021, 23, 284-294.  | 1.2  | 78        |
| 13 | Standardization of terminology in stereotactic radiosurgery: Report from the Standardization Committee of the International Leksell Gamma Knife Society. <i>Journal of Neurosurgery</i> , 2014, 121, 2-15.   | 1.6  | 75        |
| 14 | Stereotactic Radiosurgery With or Without Whole-Brain Radiation Therapy for Limited Brain Metastases: A Secondary Analysis of the North Central Cancer Treatment Group N0574 (Alliance) Randomized Controlled Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 1173-1178. | 0.8  | 69        |
| 15 | ReCAP: Social Media Use Among Physicians and Trainees: Results of a National Medical Oncology Physician Survey. <i>Journal of Oncology Practice</i> , 2016, 12, 79-80.   | 2.5  | 68        |
| 16 | Impact of glycemia on survival of glioblastoma patients treated with radiation and temozolomide. <i>Journal of Neuro-Oncology</i> , 2015, 124, 119-126.  | 2.9  | 67        |
| 17 | NCCTG N0574 (Alliance): A phase III randomized trial of whole brain radiation therapy (WBRT) in addition to radiosurgery (SRS) in patients with 1 to 3 brain metastases.. <i>Journal of Clinical Oncology</i> , 2015, 33, LBA4-LBA4.   | 1.6  | 64        |
| 18 | A prospective phase II randomized trial of proton radiotherapy vs intensity-modulated radiotherapy for patients with newly diagnosed glioblastoma. <i>Neuro-Oncology</i> , 2021, 23, 1337-1347.  | 1.2  | 50        |

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|----|---|-----|-----------|
| 19 | Salvage Radiosurgery for Brain Metastases: Prognostic Factors to Consider in Patient Selection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 137-142.                                     | 0.8 | 48        |
| 20 | Stereotactic radiosurgery for the treatment of melanoma and renal cell carcinoma brain metastases. <i>Oncology Reports</i> , 2013, 29, 407-412.   | 2.6 | 46        |
| 21 | Treatment options for patients with brain metastases from EGFR / ALK -driven lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, 195-202.  | 0.6 | 43        |
| 22 | MRI biomarkers identify the differential response of glioblastoma multiforme to anti-angiogenic therapy. <i>Neuro-Oncology</i> , 2014, 16, 868-879.   | 1.2 | 39        |
| 23 | Cone Beam Computed Tomography Image Guidance System for a Dedicated Intracranial Radiosurgery Treatment Unit. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 243-250.                       | 0.8 | 38        |
| 24 | Challenges and opportunities in primary CNS lymphoma: A systematic review. <i>Radiotherapy and Oncology</i> , 2017, 122, 352-361.   | 0.6 | 38        |
| 25 | Radiation recall dermatitis triggered by multi-targeted tyrosine kinase inhibitors: sunitinib and sorafenib. <i>Anti-Cancer Drugs</i> , 2010, 21, 206-209.  | 1.4 | 36        |
| 26 | Advances in Magnetic Resonance Imaging and Positron Emission Tomography Imaging for Grading and Molecular Characterization of Glioma. <i>Seminars in Radiation Oncology</i> , 2015, 25, 164-171.                            | 2.2 | 34        |
| 27 | Image-based personalization of computational models for predicting response of high-grade glioma to chemoradiation. <i>Scientific Reports</i> , 2021, 11, 8520.   | 3.3 | 34        |
| 28 | Multi-institutional competing risks analysis of distant brain failure and salvage patterns after upfront radiosurgery without whole brain radiotherapy for brain metastasis. <i>Annals of Oncology</i> , 2018, 29, 497-503. | 1.2 | 33        |
| 29 | Radiotherapy in Leptomeningeal Disease: A Systematic Review of Randomized and Non-randomized Trials. <i>Frontiers in Oncology</i> , 2019, 9, 1224.  | 2.8 | 33        |
| 30 | Design and fabrication of a 3D-printed oral stent for head and neck radiotherapy from routine diagnostic imaging. <i>3D Printing in Medicine</i> , 2017, 3, 12.   | 3.1 | 31        |
| 31 | Imaging Biomarker Dynamics in an Intracranial Murine Glioma Study of Radiation and Antiangiogenic Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 805-812.                          | 0.8 | 30        |
| 32 | The Use of Cone Beam Computed Tomography for Image Guided Gamma Knife Stereotactic Radiosurgery: Initial Clinical Evaluation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 214-220.       | 0.8 | 30        |
| 33 | Prediction of new brain metastases after radiosurgery: validation and analysis of performance of a multi-institutional nomogram. <i>Journal of Neuro-Oncology</i> , 2017, 135, 403-411.                                     | 2.9 | 30        |
| 34 | Creating customized oral stents for head and neck radiotherapy using 3D scanning and printing. <i>Radiation Oncology</i> , 2019, 14, 148.   | 2.7 | 30        |
| 35 | Orthovoltage radiotherapy in the management of medial canthal basal cell carcinoma. <i>British Journal of Ophthalmology</i> , 2013, 97, 730-734.  | 3.9 | 29        |
| 36 | A Multi-Institutional Comparison of Dynamic Contrast-Enhanced Magnetic Resonance Imaging Parameter Calculations. <i>Scientific Reports</i> , 2017, 7, 11185.  | 3.3 | 29        |

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|----|--|------|-----------|
| 37 | Multi-institutional validation of brain metastasis velocity, a recently defined predictor of outcomes following stereotactic radiosurgery. <i>Radiotherapy and Oncology</i> , 2020, 142, 168-174.            | 0.6  | 29        |
| 38 | Optimal Timing of Radiotherapy Following Gross Total or Subtotal Resection of Glioblastoma: A Real-World Assessment using the National Cancer Database. <i>Scientific Reports</i> , 2020, 10, 4926.          | 3.3  | 29        |
| 39 | A mathematical model for the quantification of a patient's sensitivity to checkpoint inhibitors and long-term tumour burden. <i>Nature Biomedical Engineering</i> , 2021, 5, 297-308.                        | 22.5 | 28        |
| 40 | Outcomes following stereotactic radiosurgery for small to medium-sized brain metastases are exceptionally dependent upon tumor size and prescribed dose. <i>Neuro-Oncology</i> , 2019, 21, 242-251.          | 1.2  | 27        |
| 41 | Orbital radiation therapy for Graves' ophthalmopathy: Measuring clinical efficacy and impact. <i>Practical Radiation Oncology</i> , 2014, 4, 233-239.  | 2.1  | 26        |
| 42 | Conditional probability of survival and post-progression survival in patients with glioblastoma in the temozolomide treatment era. <i>Journal of Neuro-Oncology</i> , 2014, 117, 153-160.                    | 2.9  | 26        |
| 43 | Biology and Clinical Management Challenges in Meningioma. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2015, , e106-e115.            | 3.8  | 26        |
| 44 | Glioma consensus contouring recommendations from a MR-Linac International Consortium Research Group and evaluation of a CT-MRI and MRI-only workflow. <i>Journal of Neuro-Oncology</i> , 2020, 149, 305-314. | 2.9  | 25        |
| 45 | The relationship between corticosteroids and symptoms in patients with primary brain tumors: utility of the Dexamethasone Symptom Questionnaire—Chronic. <i>Neuro-Oncology</i> , 2015, 17, 1114-1120.        | 1.2  | 22        |
| 46 | Preliminary Evaluation of a Novel Thermoplastic Mask System with Intra-fraction Motion Monitoring for Future Use with Image-Guided Gamma Knife. <i>Cureus</i> , 2016, 8, e531.                               | 0.5  | 22        |
| 47 | Interventions for the treatment of brain radionecrosis after radiotherapy or radiosurgery. <i>The Cochrane Library</i> , 2018, 2018, CD011492.   | 2.8  | 21        |
| 48 | Integrating mechanism-based modeling with biomedical imaging to build practical digital twins for clinical oncology. <i>Biophysics Reviews</i> , 2022, 3, .  | 2.7  | 21        |
| 49 | Predictors of breast radiotherapy plan modifications: Quality assurance rounds in a large cancer centre. <i>Radiotherapy and Oncology</i> , 2015, 114, 17-21.  | 0.6  | 20        |
| 50 | The joint effect of aging and HIV infection on microstructure of white matter bundles. <i>Human Brain Mapping</i> , 2019, 40, 4370-4380.   | 3.6  | 20        |
| 51 | Competing for patients: an ethical framework for recruiting patients with brain tumors into clinical trials. <i>Journal of Neuro-Oncology</i> , 2011, 104, 623-627.  | 2.9  | 19        |
| 52 | Gamma Knife Radiosurgery for the Treatment of Cystic Cerebral Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 667-671.  | 0.8  | 18        |
| 53 | Quantitative Imaging in Radiation Oncology: An Emerging Science and Clinical Service. <i>Seminars in Radiation Oncology</i> , 2015, 25, 292-304.   | 2.2  | 18        |
| 54 | Evaluation of Apparent Diffusion Coefficient to Predict Grade, Microinvasion, and Invasion in Ductal Carcinoma In Situ of the Breast. <i>Academic Radiology</i> , 2015, 22, 1483-1488.                       | 2.5  | 18        |

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|----|--|------|-----------|
| 55 | The Use of <sup>68</sup> Ga-DOTATATE PET/CT in the Non-invasive Diagnosis of Optic Nerve Sheath Meningioma: A Case Report. <i>Frontiers in Oncology</i> , 2018, 8, 454.  | 2.8  | 18        |
| 56 | Exclusion of patients with brain metastases from cancer clinical trials. <i>Neuro-Oncology</i> , 2020, 22, 577-579.  | 1.2  | 18        |
| 57 | Radiation Recall Reaction Induced by Adjuvant Trastuzumab (Herceptin). <i>Case Reports in Medicine</i> , 2009, 2009, 1-3.  | 0.7  | 17        |
| 58 | Assessment of organs-at-risk contouring practices in radiosurgery institutions around the world – The first initiative of the OAR Standardization Working Group. <i>Radiotherapy and Oncology</i> , 2016, 121, 180-186.  | 0.6  | 17        |
| 59 | Informational and Supportive Care Needs of Brain Metastases Patients and Caregivers: a Systematic Review. <i>Journal of Cancer Education</i> , 2017, 32, 914-923.  | 1.3  | 17        |
| 60 | Nucleus-mitochondria positive feedback loop formed by ERK5 S496 phosphorylation-mediated poly (ADP-ribose) polymerase activation provokes persistent pro-inflammatory senescent phenotype and accelerates coronary atherosclerosis after chemo-radiation. <i>Redox Biology</i> , 2021, 47, 102132. | 9.0  | 17        |
| 61 | Magnetic resonance biomarkers in radiation oncology: The report of AAPM Task Group 294. <i>Medical Physics</i> , 2021, 48, e697-e732.  | 3.0  | 16        |
| 62 | Automated Voxel-Based Analysis of Volumetric Dynamic Contrast-Enhanced CT Data Improves Measurement of Serial Changes in Tumor Vascular Biomarkers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 48-57.  | 0.8  | 15        |
| 63 | The Effect of Slice Thickness on Contours of Brain Metastases for Stereotactic Radiosurgery. <i>Advances in Radiation Oncology</i> , 2021, 6, 100708.  | 1.2  | 15        |
| 64 | Opportunities for improving brain cancer treatment outcomes through imaging-based mathematical modeling of the delivery of radiotherapy and immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2022, 187, 114367.  | 13.7 | 15        |
| 65 | Multi-institutional study of the variability in target delineation for six targets commonly treated with radiosurgery. <i>Acta Oncologica</i> , 2018, 57, 1515-1520.   | 1.8  | 14        |
| 66 | Phantom Validation of DCE-MRI Magnitude and Phase-Based Vascular Input Function Measurements. <i>Tomography</i> , 2019, 5, 77-89.  | 1.8  | 14        |
| 67 | Characterizing cancer and COVID-19 outcomes using electronic health records. <i>PLoS ONE</i> , 2022, 17, e0267584.   | 2.5  | 14        |
| 68 | Radiosurgery for brainstem metastases with and without whole brain radiotherapy: clinical series and literature review. <i>Journal of Radiation Oncology</i> , 2017, 6, 21-30.   | 0.7  | 13        |
| 69 | Comparison of Voxel-Wise Tumor Perfusion Changes Measured with Dynamic Contrast-Enhanced (DCE) MRI and Volumetric DCE CT in Patients with Metastatic Brain Cancer Treated with Radiosurgery. <i>Tomography</i> , 2016, 2, 325-333.   | 1.8  | 13        |
| 70 | Treatment Outcomes in 1p19q Co-deleted/Partially Deleted Gliomas. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 288-294.  | 0.5  | 12        |
| 71 | Evaluation of a multiview architecture for automatic vertebral labeling of palliative radiotherapy simulation CT images. <i>Medical Physics</i> , 2020, 47, 5592-5608.   | 3.0  | 12        |
| 72 | Radiation for Glioblastoma in the Era of Coronavirus Disease 2019 (COVID-19): Patient Selection and Hypofractionation to Maximize Benefit and Minimize Risk. <i>Advances in Radiation Oncology</i> , 2020, 5, 743-745.   | 1.2  | 12        |

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|----|--|------|-----------|
| 73 | Math, magnets, and medicine: enabling personalized oncology. Expert Review of Precision Medicine and Drug Development, 2021, 6, 79-81.   | 0.7  | 12        |
| 74 | Stability of MRI contrast agents in high-energy radiation of a 1.5T MR-Linac. Radiotherapy and Oncology, 2021, 161, 55-64.   | 0.6  | 12        |
| 75 | Translational Modeling Identifies Synergy between Nanoparticle-Delivered miRNA-22 and Standard-of-Care Drugs in Triple-Negative Breast Cancer. Pharmaceutical Research, 2022, 39, 511-528. | 3.5  | 12        |
| 76 | Radiotherapy for breast cancer, the TARGIT-A trial. Lancet, The, 2014, 383, 1717.  | 13.7 | 11        |
| 77 | National Patterns of Care in the Management of World Health Organization Grade II and III Spinal Ependymomas. World Neurosurgery, 2019, 124, e580-e594.                                    | 1.3  | 11        |
| 78 | Radiation for skull base meningiomas: review of the literature on the approach to radiotherapy. Chinese Clinical Oncology, 2017, 6, S3-S3.   | 1.2  | 11        |
| 79 | Toxicity of Radiosurgery for Brainstem Metastases. World Neurosurgery, 2018, 119, e757-e764.   | 1.3  | 10        |
| 80 | Detection of Glioblastoma Subclinical Recurrence Using Serial Diffusion Tensor Imaging. Cancers, 2020, 12, 568.  | 3.7  | 10        |
| 81 | Advances in the management of breast cancer brain metastases. Neuro-Oncology Advances, 2021, 3, v63-v74.   | 0.7  | 10        |
| 82 | Real-world evaluation of the impact of radiotherapy and chemotherapy in elderly patients with glioblastoma based on age and performance status. Neuro-Oncology Practice, 2021, 8, 199-208. | 1.6  | 9         |
| 83 | Hypothetical generalized framework for a new imaging endpoint of therapeutic activity in early phase clinical trials in brain tumors. Neuro-Oncology, 2022, 24, 1219-1229.                 | 1.2  | 9         |
| 84 | Radiation therapy and grade II/III oligodendroglial tumors. CNS Oncology, 2015, 4, 325-332.  | 3.0  | 8         |
| 85 | Informational needs of brain metastases patients and their caregivers. Neuro-Oncology Practice, 2019, 6, 47-60.  | 1.6  | 8         |
| 86 | A modular phantom and software to characterize 3D geometric distortion in MRI. Physics in Medicine and Biology, 2020, 65, 195008.  | 3.0  | 8         |
| 87 | In the Era of Deep Learning, Why Reconstruct an Image at All?. Journal of the American College of Radiology, 2021, 18, 170-173.  | 1.8  | 8         |
| 88 | Early prediction of clinical response to checkpoint inhibitor therapy in human solid tumors through mathematical modeling. ELife, 2021, 10, .  | 6.0  | 8         |
| 89 | High-grade intracranial chondrosarcoma presenting with haemorrhage. Journal of Clinical Neuroscience, 2013, 20, 1457-1460.   | 1.5  | 7         |
| 90 | A rare case of isolated duodenal metastases from hepatocellular carcinoma associated with p53 and ki-67 expression: a case report. Cases Journal, 2009, 2, 9344.                           | 0.4  | 6         |

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|-----|--|------|-----------|
| 91  | Phase I dose escalation study of concurrent palliative radiation therapy with sorafenib in three anatomical cohorts (Thorax, Abdomen, Pelvis): The TAP study. <i>Radiotherapy and Oncology</i> , 2017, 124, 74-79.                                   | 0.6  | 6         |
| 92  | Radiofrequency transmit calibration: A multi-center evaluation of vendor-provided radiofrequency transmit mapping methods. <i>Medical Physics</i> , 2019, 46, 2629-2637.   | 3.0  | 6         |
| 93  | Unified platform for multimodal voxel-based analysis to evaluate tumour perfusion and diffusion characteristics before and after radiation treatment evaluated in metastatic brain cancer. <i>British Journal of Radiology</i> , 2019, 92, 20170461. | 2.2  | 6         |
| 94  | Association Between Facility Volume and Overall Survival for Patients with Grade II Meningioma after Gross Total Resection. <i>World Neurosurgery</i> , 2020, 141, e133-e144.  | 1.3  | 6         |
| 95  | A prospective parallel design study testing non-inferiority of customized oral stents made using 3D printing or manually fabricated methods. <i>Oral Oncology</i> , 2020, 106, 104665.   | 1.5  | 6         |
| 96  | Image-guided radiation therapy: looking beyond what we currently see. <i>Future Oncology</i> , 2017, 13, 2317-2319.  | 2.4  | 5         |
| 97  | Clinical outcomes of hypofractionated radiation therapy for choroidal metastases: Symptom palliation, tumor control, and survival. <i>Practical Radiation Oncology</i> , 2017, 7, 388-395.   | 2.1  | 5         |
| 98  | Detectability of radiation-induced changes in magnetic resonance biomarkers following stereotactic radiosurgery: A pilot study. <i>PLoS ONE</i> , 2018, 13, e0207933.  | 2.5  | 5         |
| 99  | Quantitative imaging biomarkers alliance (QIBA) recommendations for improved precision of DWI and DCE-MRI derived biomarkers in multicenter oncology trials. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, i.                             | 3.4  | 5         |
| 100 | Dedifferentiation-mediated stem cell niche maintenance in early-stage ductal carcinoma in situ progression: insights from a multiscale modeling study. <i>Cell Death and Disease</i> , 2022, 13, .   | 6.3  | 5         |
| 101 | In Regard to Vaidya et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 952-953.   | 0.8  | 4         |
| 102 | RBM10 truncation in astroblastoma in a patient with history of mandibular ameloblastoma: A case report. <i>Cancer Genetics</i> , 2019, 231-232, 41-45.   | 0.4  | 4         |
| 103 | Equivalent Efficacy and Safety of Radiosurgery for Cystic and Solid Vestibular Schwannomas: A Systematic Review. <i>World Neurosurgery</i> , 2021, 146, 322-331.e1.  | 1.3  | 4         |
| 104 | Radiosurgery Nomenclature: A Confusion of Tongues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 512-513.   | 0.8  | 3         |
| 105 | Assembling the brain trust: the multidisciplinary imperative in neuro-oncology. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 521-522.   | 27.6 | 3         |
| 106 | The Role of the Immune Response in Brain Metastases: Novel Imaging Biomarkers for Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 711405.  | 2.8  | 3         |
| 107 | Cancer Needs a Robust "Metadata Supply Chain" to Realize the Promise of Artificial Intelligence. <i>Cancer Research</i> , 2021, 81, 5810-5812.   | 0.9  | 3         |
| 108 | Interventions for the treatment of brain radionecrosis after radiotherapy or radiosurgery. <i>The Cochrane Library</i> , 2015, .   | 2.8  | 2         |



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|-----|---|-----|-----------|
| 109 | Hybrid isocenter technique for Gamma-Knife Perfexion treatment of trigeminal neuralgia. Medical Dosimetry, 2016, 41, 271-276.   | 0.9 | 2         |
| 110 | Unique Glioma Requiring Unique Management. International Journal of Radiation Oncology Biology Physics, 2020, 108, 520-521.   | 0.8 | 2         |
| 111 | The COVID-19 & Cancer Consortium (CCC19) and Opportunities for Radiation Oncology. Advances in Radiation Oncology, 2021, 6, 100614.   | 1.2 | 2         |
| 112 | Simultaneous Truth and Performance Level Estimation Method for Evaluation of Target Contouring in Radiosurgery. Anticancer Research, 2021, 41, 279-288.   | 1.1 | 2         |
| 113 | RTHP-03. PROGNOSTIC IMPACT OF TIMING BETWEEN SURGERY AND RADIOTHERAPY (RT) IN PATIENTS WITH GLIOBLASTOMA (GBM). Neuro-Oncology, 2017, 19, vi219-vi219.  | 1.2 | 1         |
| 114 | Safety and Feasibility of Magnetic Resonance Imaging Simulation for Radiation Treatment Planning in Pediatric Patients: A Single Institution Experience. Advances in Radiation Oncology, 2019, 4, 362-366.  | 1.2 | 1         |
| 115 | Provider Engagement in Radiation Oncology Data Science: Workshop Report. JCO Clinical Cancer Informatics, 2020, 4, 700-710.   | 2.1 | 1         |
| 116 | Response to Letter to Editor. Neuro-Oncology, 2020, 22, 1706-1707.  | 1.2 | 1         |
| 117 | The Provocative: A Glimpse Into Radiology's Future. Journal of the American College of Radiology, 2021, 18, 137-139.  | 1.8 | 1         |
| 118 | Phase II Trial of Proton Therapy vs. Photon IMRT for GBM: Secondary Analysis Comparison of Progression Free Survival between RANO vs. Clinical Assessment. Neuro-Oncology Advances, 2021, 3, vdab073.   | 0.7 | 1         |
| 119 | Imaging Biomarkers in Preclinical Studies on Brain Tumors. Biomarkers in Disease, 2015, , 391-413.  | 0.1 | 1         |
| 120 | Glioblastoma: does PET shed light to a difficult problem?. Translational Cancer Research, 2016, 5, S680-S683.   | 1.0 | 1         |
| 121 | Lessons learned from proton vs photon radiation therapy for glioblastoma signal-finding trial. Neuro-Oncology, 2022, 24, 851-851.   | 1.2 | 1         |
| 122 | Paradoxical Association Between Relative Cerebral Blood Volume Dynamics Following Chemoradiation and Increased Progression-Free Survival in Newly Diagnosed IDH Wild-Type MGMT Promoter Methylated Glioblastoma With Measurable Disease. Frontiers in Oncology, 2022, 12, 849993. | 2.8 | 1         |
| 123 | In Reply to Cheung. International Journal of Radiation Oncology Biology Physics, 2013, 85, 291-292.   | 0.8 | 0         |
| 124 | Update on the current management of glioblastoma. Clinical Practice (London, England), 2013, 10, 157-165.   | 0.1 | 0         |
| 125 | Salvage Radiosurgery for High Grade Glioma in the Era of Modern Systemic Therapy. Canadian Journal of Neurological Sciences, 2013, 40, 761-762.   | 0.5 | 0         |
| 126 | HOUT-21. REAL-WORD EVALUATION OF THE IMPACT OF RADIOTHERAPY AND CHEMOTHERAPY IN ELDERLY PATIENTS WITH GLIOBLASTOMA BASED ON AGE AND PERFORMANCE STATUS: A NATIONAL CANCER DATABASE ANALYSIS. Neuro-Oncology, 2018, 20, vi117-vi117.   | 1.2 | 0         |



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|-----|--|-----|-----------|
| 127 | Probabilistic segmentation of small metastatic brain tumors using liquid state machine ensemble. , 2021, , .                                     |     | 0         |
| 128 | Short reply to "Proton therapy for newly diagnosed glioblastoma: More room for investigation" by R. Press et al. Neuro-Oncology, 2021, 23, 1982. | 1.2 | 0         |
| 129 | Impact of endocrine therapy in early-stage breast cancer on time to locoregional recurrence.. Journal of Clinical Oncology, 2013, 31, 64-64.     | 1.6 | 0         |
| 130 | Imaging Biomarkers in Preclinical Studies on Brain Tumors. , 2014, , 1-19.   |     | 0         |
| 131 | Brain Radionecrosis. , 2018, , 519-531.  |     | 0         |
| 132 | Editorial. Leksell Gamma Knife Society and radiosurgery: a legacy and a vision for the future. Journal of Neurosurgery, 2018, 129, 2-4.          | 1.6 | 0         |
| 133 | Neurocognitive Toxicity from Radiation Therapy for Brain Metastases. , 2020, , 315-328.  |     | 0         |
| 134 | Neurocognitive Effects of Brain Metastases and Their Treatment. , 2020, , 407-425.   |     | 0         |