

Cynthia Menard

List of Publications by Citations

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45
papers

2,621
citations

23
h-index

46
g-index

46
ext. papers

3,068
ext. citations

5
avg, IF

4.41
L-index

#	Paper	IF	Citations
45	Effect of Radiosurgery Alone vs Radiosurgery With Whole Brain Radiation Therapy on Cognitive Function in Patients With 1 to 3 Brain Metastases: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 401-409	27.4	820
44	Design of a novel MRI compatible manipulator for image guided prostate interventions. <i>IEEE Transactions on Biomedical Engineering</i> , 2005 , 52, 306-13	5	228
43	Tumor hypoxia predicts biochemical failure following radiotherapy for clinically localized prostate cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 2108-14	12.9	181
42	MRI-guided HDR prostate brachytherapy in standard 1.5T scanner. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 1414-23	4	129
41	Androgen withdrawal in patients reduces prostate cancer hypoxia: implications for disease progression and radiation response. <i>Cancer Research</i> , 2007 , 67, 6022-5	10.1	96
40	Boosting imaging defined dominant prostatic tumors: a systematic review. <i>Radiotherapy and Oncology</i> , 2013 , 107, 274-81	5.3	93
39	Discovering clinical biomarkers of ionizing radiation exposure with serum proteomic analysis. <i>Cancer Research</i> , 2006 , 66, 1844-50	10.1	90
38	Comparing oxygen-sensitive MRI (BOLD R2*) with oxygen electrode measurements: a pilot study in men with prostate cancer. <i>International Journal of Radiation Biology</i> , 2009 , 85, 805-13	2.9	88
37	Transrectal prostate biopsy and fiducial marker placement in a standard 1.5T magnetic resonance imaging scanner. <i>Journal of Urology</i> , 2006 , 175, 113-20	2.5	86
36	An MRI-compatible robotic system with hybrid tracking for MRI-guided prostate intervention. <i>IEEE Transactions on Biomedical Engineering</i> , 2011 , 58, 3049-60	5	73
35	Changes in apparent diffusion coefficient and T2 relaxation during radiotherapy for prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 909-16	5.6	60
34	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	4.8	52
33	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	4	44
32	Advancements in brachytherapy. <i>Advanced Drug Delivery Reviews</i> , 2017 , 109, 15-25	18.5	43
31	Salvage radiosurgery for brain metastases: prognostic factors to consider in patient selection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 137-42	4	41
30	Longitudinal cytokine expression during IMRT for prostate cancer and acute treatment toxicity. <i>Clinical Cancer Research</i> , 2009 , 15, 5576-83	12.9	41
29	MR-guided prostate biopsy for planning of focal salvage after radiation therapy. <i>Radiology</i> , 2015 , 274, 181-91	20.5	34

28	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, 164-71	5.5	29
27	MR-guided interventions for prostate cancer. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2005 , 13, 491-504	1.6	28
26	Patient selection determines the prostate cancer yield of dynamic contrast-enhanced magnetic resonance imaging-guided transrectal biopsies in a closed 3-Tesla scanner. <i>BJU International</i> , 2008 , 101, 181-5	5.6	27
25	A prospective study of DWI, DCE-MRI and FDG PET imaging for target delineation in brachytherapy for cervical cancer. <i>Radiotherapy and Oncology</i> , 2016 , 120, 519-525	5.3	25
24	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, 214-20	4	25
23	Lessons learned using an MRI-only workflow during high-dose-rate brachytherapy for prostate cancer. <i>Brachytherapy</i> , 2016 , 15, 147-55	2.4	23
22	Image guidance in radiation therapy for better cure of cancer. <i>Molecular Oncology</i> , 2020 , 14, 1470-1491	7.9	21
21	Intra- and inter-radiation therapist reproducibility of daily isocenter verification using prostatic fiducial markers. <i>Radiation Oncology</i> , 2006 , 1, 2	4.2	20
20	Phase 2 trial of guideline-based postoperative image guided intensity modulated radiation therapy for prostate cancer: Toxicity, biochemical, and patient-reported health-related quality-of-life outcomes. <i>Practical Radiation Oncology</i> , 2015 , 5, e473-e482	2.8	17
19	Accuracy analysis in MRI-guided robotic prostate biopsy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2013 , 8, 937-44	3.9	17
18	Long-term outcomes of a phase II trial of moderate hypofractionated image-guided intensity modulated radiotherapy (IG-IMRT) for localized prostate cancer. <i>Radiotherapy and Oncology</i> , 2017 , 122, 93-98	5.3	17
17	Readout-segmented echo-planar diffusion-weighted imaging improves geometric performance for image-guided radiation therapy of pelvic tumors. <i>Radiotherapy and Oncology</i> , 2015 , 117, 525-31	5.3	17
16	Quantitative Imaging in Radiation Oncology: An Emerging Science and Clinical Service. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 292-304	5.5	15
15	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	4	14
14	An Interventional Magnetic Resonance Imaging Technique for the Molecular Characterization of Intraprostatic Dynamic Contrast Enhancement. <i>Molecular Imaging</i> , 2005 , 4, 153535002005041	3.7	14
13	Introduction: Magnetic resonance imaging comes of age in radiation oncology. <i>Seminars in Radiation Oncology</i> , 2014 , 24, 149-50	5.5	13
12	Clinical trial of endorectal amifostine for radioprotection in patients with prostate cancer: rationale and early results. <i>Seminars in Oncology</i> , 2003 , 30, 63-7	5.5	13
11	Practical approaches to proteomic biomarkers within prostate cancer radiotherapy trials. <i>Cancer and Metastasis Reviews</i> , 2008 , 27, 375-85	9.6	12

10	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	11
9	Validation of MRI to TRUS registration for high-dose-rate prostate brachytherapy. <i>Brachytherapy</i> , 2018 , 17, 283-290	2.4	11
8	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	3.1	11
7	Improved outcomes with dose escalation in localized prostate cancer treated with precision image-guided radiotherapy. <i>Radiotherapy and Oncology</i> , 2017 , 123, 459-465	5.3	10
6	Technical Note: Method to correlate whole-specimen histopathology of radical prostatectomy with diagnostic MR imaging. <i>Medical Physics</i> , 2016 , 43, 1065-72	4.4	10
5	An interventional magnetic resonance imaging technique for the molecular characterization of intraprostatic dynamic contrast enhancement. <i>Molecular Imaging</i> , 2005 , 4, 63-6	3.7	7
4	Changes in apparent diffusion coefficient radiomics features during dose-painted radiotherapy and high dose rate brachytherapy for prostate cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2019 , 9, 1-6	3.1	7
3	Assessment of nonrespiratory stomach motion in healthy volunteers in fasting and postprandial states. <i>Practical Radiation Oncology</i> , 2014 , 4, 288-293	2.8	5
2	Dose to the bladder neck in MRI-guided high-dose-rate prostate brachytherapy: Impact on acute urinary toxicity and health-related quality of life. <i>Brachytherapy</i> , 2019 , 18, 477-483	2.4	3
1	Clinical Applications of MRI in Radiotherapy Planning 2019 , 55-70		