

John Buatti

List of Publications by Year in descending order

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268
papers

17,367
citations

17440

63
h-index

16183

124
g-index

276
all docs

276
docs citations

276
times ranked

18910
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Slicer as an image computing platform for the Quantitative Imaging Network. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1323-1341.	1.8	5,126
2	A multiinstitutional outcome and prognostic factor analysis of radiosurgery for resectable single brain metastasis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 35, 27-35.	0.8	517
3	A multi-institutional review of radiosurgery alone vs. radiosurgery with whole brain radiotherapy as the initial management of brain metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 519-526.	0.8	515
4	Benign meningiomas: Primary treatment selection affects survival. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 427-436.	0.8	318
5	O ₂ and H ₂ O ₂ -Mediated Disruption of Fe Metabolism Causes the Differential Susceptibility of NSCLC and GBM Cancer Cells to Pharmacological Ascorbate. <i>Cancer Cell</i> , 2017, 31, 487-500.e8.	16.8	316
6	Radiosurgery for patients with brain metastases: a multi-institutional analysis, stratified by the RTOG recursive partitioning analysis method. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 51, 426-434.	0.8	261
7	The risk of hemorrhage after radiosurgery for arteriovenous malformations. <i>Journal of Neurosurgery</i> , 1996, 84, 912-919.	1.6	231
8	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. <i>Journal of Clinical Oncology</i> , 2020, 38, 3773-3784.	1.6	223
9	Ketogenic diets as an adjuvant cancer therapy: History and potential mechanism. <i>Redox Biology</i> , 2014, 2, 963-970.	9.0	206
10	The university of Florida frameless high-precision stereotactic radiotherapy system. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 38, 875-882.	0.8	191
11	The role of FDG PET in management of neck metastasis from head-and-neck cancer after definitive radiation treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 991-999.	0.8	189
12	Radiotherapy for pituitary adenoma: Long-term outcome and sequelae. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 437-444.	0.8	188
13	Analysis of risk factors associated with radiosurgery for vestibular schwannoma. <i>Journal of Neurosurgery</i> , 2001, 95, 440-449.	1.6	184
14	Ketogenic Diets Enhance Oxidative Stress and Radio-Chemo-Therapy Responses in Lung Cancer Xenografts. <i>Clinical Cancer Research</i> , 2013, 19, 3905-3913.	7.0	180
15	Intensity-modulated radiation treatment for head-and-neck squamous cell carcinoma—the University of Iowa experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 410-421.	0.8	177
16	Radiosurgery in the initial management of malignant gliomas: Survival comparison with the RTOG recursive partitioning analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 32, 931-941.	0.8	175
17	Method and timing of tumor volume measurement for outcome prediction in cervical cancer using magnetic resonance imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 52, 14-22.	0.8	164
18	Ependymoma: Results, Prognostic Factors and Treatment Recommendations. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 40, 845-850.	0.8	159

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19	Pixel analysis of MR perfusion imaging in predicting radiation therapy outcome in cervical cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 1027-1033.	3.4	143
20	Curative radiotherapy for primary orbital lymphoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 818-823.	0.8	141
21	Radiation Doses to Structures Within and Adjacent to the Larynx are Correlated With Long-Term Diet- and Speech-Related Quality of Life. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 750-757.	0.8	141
22	Analysis of treatment failure after radiosurgery for arteriovenous malformations. <i>Journal of Neurosurgery</i> , 1998, 89, 104-111.	1.6	139
23	Intracranial Ependymomas. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2002, 25, 117-122.	1.3	135
24	The role of post-radiation therapy fdg pet in prediction of necessity for post-radiation therapy neck dissection in locally advanced head-and-neck squamous cell carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1001-1010.	0.8	128
25	Optimal Co-Segmentation of Tumor in PET-CT Images With Context Information. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 1685-1697.	8.9	112
26	A simple and reliable index for scoring rival stereotactic radiosurgery plans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 57, 1141-1149.	0.8	108
27	Clinical Significance of Postradiotherapy [18F]-Fluorodeoxyglucose Positron Emission Tomography Imaging in Management of Head-and-Neck Cancer—A Long-Term Outcome Report. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 9-14.	0.8	108
28	Quantitative Imaging in Cancer Clinical Trials. <i>Clinical Cancer Research</i> , 2016, 22, 284-290.	7.0	106
29	Image localization for frameless stereotactic radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 1291-1299.	0.8	104
30	Calibration of three-dimensional ultrasound images for image-guided radiation therapy. <i>Physics in Medicine and Biology</i> , 2001, 46, 559-577.	3.0	101
31	Consuming a Ketogenic Diet while Receiving Radiation and Chemotherapy for Locally Advanced Lung Cancer and Pancreatic Cancer: The University of Iowa Experience of Two Phase 1 Clinical Trials. <i>Radiation Research</i> , 2017, 187, 743-754.	1.5	100
32	Optimal Multiple Surface Segmentation With Shape and Context Priors. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 376-386.	8.9	99
33	Preliminary results of linear accelerator radiosurgery for acoustic schwannomas. <i>Journal of Neurosurgery</i> , 1996, 85, 1013-1019.	1.6	97
34	Long-term Quality of Life for Surgical and Nonsurgical Treatment of Head and Neck Cancer. <i>JAMA Otolaryngology</i> , 2005, 131, 879.	1.2	95
35	The national cancer data base report on squamous cell carcinoma of the base of tongue. <i>Head and Neck</i> , 2004, 26, 660-674.	2.0	94
36	Initial clinical experience with frameless stereotactic radiosurgery: analysis of accuracy and feasibility. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 51, 1152-1158.	0.8	93

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37	Radiation Response in Two HPV-Infected Head-and-Neck Cancer Cell Lines in Comparison to a Non-HPV-Infected Cell Line and Relationship to Signaling Through AKT. International Journal of Radiation Oncology Biology Physics, 2009, 74, 928-933.	0.8	93
38	Linac radiosurgery for benign meningiomas. International Journal of Radiation Oncology Biology Physics, 1999, 43, 321-327.	0.8	91
39	Analysis of Interfraction Prostate Motion Using Megavoltage Cone Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2008, 72, 949-956.	0.8	91
40	Value of FDG PET in assessment of treatment response and surveillance in head-and-neck cancer patients after intensity modulated radiation treatment: A preliminary report. International Journal of Radiation Oncology Biology Physics, 2004, 60, 1410-1418.	0.8	90
41	4DCT-based measurement of changes in pulmonary function following a course of radiation therapy. Medical Physics, 2010, 37, 1261-1272.	3.0	89
42	Randomized Trial of Pentoxifylline and Vitamin E vs Standard Follow-up After Breast Irradiation to Prevent Breast Fibrosis, Evaluated by Tissue Compliance Meter. International Journal of Radiation Oncology Biology Physics, 2013, 85, 604-608.	0.8	89
43	Potential clinical efficacy of intensity-modulated conformal therapy. International Journal of Radiation Oncology Biology Physics, 1998, 40, 483-495.	0.8	84
44	Preliminary experience with frameless stereotactic radiotherapy. International Journal of Radiation Oncology Biology Physics, 1998, 42, 591-599.	0.8	83
45	Promise and pitfalls of quantitative imaging in oncology clinical trials. Magnetic Resonance Imaging, 2012, 30, 1301-1312.	1.8	83
46	Pharmacologic Ascorbate Reduces Radiation-Induced Normal Tissue Toxicity and Enhances Tumor Radiosensitization in Pancreatic Cancer. Cancer Research, 2018, 78, 6838-6851.	0.9	83
47	Esthesioneuroblastoma: The University of Iowa Experience 1978-1998. Laryngoscope, 2001, 111, 488-493.	2.0	82
48	Beyond an Updated Graded Prognostic Assessment (Breast GPA): A Prognostic Index and Trends in Treatment and Survival in Breast Cancer Brain Metastases From 1985 to Today. International Journal of Radiation Oncology Biology Physics, 2020, 107, 334-343.	0.8	81
49	Kinetic Analysis of $^3\text{-Deoxy-}^3\text{-}^{18}\text{F-Fluorothymidine}$ ($^{18}\text{F-FLT}$) in Head and Neck Cancer Patients Before and Early After Initiation of Chemoradiation Therapy. Journal of Nuclear Medicine, 2009, 50, 1028-1035.	5.0	77
50	Phase IIb, Randomized, Double-Blind Trial of GC4419 Versus Placebo to Reduce Severe Oral Mucositis Due to Concurrent Radiotherapy and Cisplatin For Head and Neck Cancer. Journal of Clinical Oncology, 2019, 37, 3256-3265.	1.6	77
51	Radioresistance in Glioblastoma and the Development of Radiosensitizers. Cancers, 2020, 12, 2511.	3.7	77
52	Optically Guided Patient Positioning Techniques. Seminars in Radiation Oncology, 2005, 15, 192-201.	2.2	74
53	Medulloblastoma: time-dose relationship based on a 30-year review. International Journal of Radiation Oncology Biology Physics, 1998, 42, 147-154.	0.8	73
54	Linear accelerator radiosurgery for nonacoustic schwannomas. International Journal of Radiation Oncology Biology Physics, 1999, 43, 545-548.	0.8	72

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55	The Failure Patterns of Oral Cavity Squamous Cell Carcinoma After Intensity-Modulated Radiotherapyâ€”The University of Iowa Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1332-1341.	0.8	72
56	Globally Optimal Tumor Segmentation in PET-CT Images: A Graph-Based Co-segmentation Method. <i>Lecture Notes in Computer Science</i> , 2011, 22, 245-256.	1.3	70
57	Ultra-early predictive assay for treatment failure using functional magnetic resonance imaging and clinical prognostic parameters in cervical cancer. <i>Cancer</i> , 2010, 116, 903-912.	4.1	69
58	Treatment selection factors for stereotactic radiosurgery of intracranial metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 32, 1161-1166.	0.8	68
59	The role of radiotherapy in the management of progressive glioblastoma. <i>Journal of Neuro-Oncology</i> , 2014, 118, 489-499.	2.9	68
60	Does prone positioning reduce small bowel dose in pelvic radiation with intensity-modulated radiotherapy for gynecologic cancer?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 57, 230-238.	0.8	67
61	DICOM for quantitative imaging biomarker development: a standards based approach to sharing clinical data and structured PET/CT analysis results in head and neck cancer research. <i>PeerJ</i> , 2016, 4, e2057.	2.0	67
62	Simultaneous cosegmentation of tumors in PET-CT images using deep fully convolutional networks. <i>Medical Physics</i> , 2019, 46, 619-633.	3.0	66
63	Linac radiosurgery for high-grade gliomas: The university of Florida experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 32, 205-210.	0.8	65
64	Serial Therapy-Induced Changes in Tumor Shape in Cervical Cancer and Their Impact on Assessing Tumor Volume and Treatment Response. <i>American Journal of Roentgenology</i> , 2006, 187, 65-72.	2.2	64
65	Pathology and FDG PET Correlation of Residual Lymph Nodes in Head and Neck Cancer After Radiation Treatment. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2007, 30, 264-270.	1.3	63
66	Enhanced Response of Human Head and Neck Cancer Xenograft Tumors to Cisplatin Combined With 2-Deoxy-d-Glucose Correlates With Increased 18F-FDG Uptake as Determined by PET Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1222-1230.	0.8	63
67	Phase 1b/2a Trial of the Superoxide Dismutase Mimetic GC4419 to Reduce Chemoradiotherapy-Induced Oral Mucositis in Patients With Oral Cavity or Oropharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 427-435.	0.8	63
68	Linac radiosurgery for locally recurrent nasopharyngeal carcinoma: Rationale and technique. <i>Head and Neck</i> , 1995, 17, 14-19.	2.0	62
69	Calculation of cranial nerve complication probability for acoustic neuroma radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 47, 597-602.	0.8	62
70	A high-precision system for conformal intracranial radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 47, 1137-1143.	0.8	62
71	Pterygium treated with excision and postoperative beta irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992, 23, 533-537.	0.8	60
72	3D fully convolutional networks for co-segmentation of tumors on PET-CT images. , 2018, 2018, 228-231.		60

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73	Image registration of BANGÂ® gel dose maps for quantitative dosimetry verification. International Journal of Radiation Oncology Biology Physics, 1999, 43, 1135-1141.	0.8	59
74	Prognostic factors in head and neck rhabdomyosarcoma. Head and Neck, 2002, 24, 468-473.	2.0	59
75	Ultrasound-guided extracranial radiosurgery. International Journal of Radiation Oncology Biology Physics, 2003, 55, 1092-1101.	0.8	59
76	Initial clinical experience with frameless radiosurgery for patients with intracranial metastases. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1467-1472.	0.8	59
77	Deep segmentation networks predict survival of non-small cell lung cancer. Scientific Reports, 2019, 9, 17286.	3.3	59
78	Locoregional control in infants with neuroblastoma: role of radiation therapy and late toxicity. International Journal of Radiation Oncology Biology Physics, 2002, 52, 1025-1031.	0.8	58
79	Salvage retreatment after failure of radiosurgery in patients with arteriovenous malformations. Journal of Neurosurgery, 2003, 98, 337-341.	1.6	56
80	The role of cytoreductive surgery in the management of progressive glioblastoma. Journal of Neuro-Oncology, 2014, 118, 479-488.	2.9	55
81	Radiation-Induced Angiosarcoma of the Breast. American Journal of Clinical Oncology: Cancer Clinical Trials, 1994, 17, 444-447.	1.3	52
82	Health-Related Quality-of-Life Outcomes Following IMRT Versus Conventional Radiotherapy for Oropharyngeal Squamous Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2007, 69, 1354-1360.	0.8	52
83	First-in-Human Phase I Clinical Trial of Pharmacologic Ascorbate Combined with Radiation and Temozolomide for Newly Diagnosed Glioblastoma. Clinical Cancer Research, 2019, 25, 6590-6597.	7.0	52
84	Treatment Planning Optimization for Linear Accelerator Radiosurgery. International Journal of Radiation Oncology Biology Physics, 1998, 41, 183-197.	0.8	50
85	The role of radiotherapy in the management of patients with diffuse low grade glioma. Journal of Neuro-Oncology, 2015, 125, 551-583.	2.9	50
86	Estrogen/progesterone receptor and HER2 discordance between primary tumor and brain metastases in breast cancer and its effect on treatment and survival. Neuro-Oncology, 2020, 22, 1359-1367.	1.2	49
87	Optimal number of beams for stereotactic body radiotherapy of lung and liver lesions. International Journal of Radiation Oncology Biology Physics, 2006, 66, 906-912.	0.8	48
88	Papillary tumor of the pineal region: report of a rapidly progressive tumor with possible multicentric origin. Pediatric Radiology, 2009, 39, 188-190.	2.0	48
89	Radioiodine Ablation following Thyroidectomy for Differentiated Thyroid Cancer: Literature Review of Utility, Dose, and Toxicity. European Thyroid Journal, 2017, 6, 187-196.	2.4	48
90	Estimating survival for renal cell carcinoma patients with brain metastases: an update of the Renal Graded Prognostic Assessment tool. Neuro-Oncology, 2018, 20, 1652-1660.	1.2	47

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91	Optically guided intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2001, 61, 33-44.	0.6	45
92	Changing Failure Patterns in Oropharyngeal Squamous Cell Carcinoma Treated With Intensity Modulated Radiotherapy and Implications for Future Research. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2006, 29, 606-612.	1.3	45
93	Is Planned Neck Dissection Necessary for Head and Neck Cancer After Intensity-Modulated Radiotherapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 707-713.	0.8	43
94	3-Dimensional Magnetic Resonance Spectroscopic Imaging at 3 Tesla for Early Response Assessment of Glioblastoma Patients During External Beam Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 181-189.	0.8	43
95	A geometrically based method for automated radiosurgery planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 1599-1611.	0.8	41
96	Semiautomated segmentation of head and neck cancers in 18F-FDG PET scans: A just-enough interaction approach. <i>Medical Physics</i> , 2016, 43, 2948-2964.	3.0	41
97	IRLED-Based Patient Localization for Linac Radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 41, 433-439.	0.8	39
98	Merkel Cell Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2005, 28, 205-210.	1.3	39
99	Presentation, Prognostic Factors and Patterns of Failure in Adult Rhabdomyosarcoma. <i>Sarcoma</i> , 2003, 7, 1-7.	1.3	38
100	Radiosurgery using a stereotactic headframe system for irradiation of brain tumors in dogs. <i>Journal of the American Veterinary Medical Association</i> , 2001, 219, 1562-1567.	0.5	37
101	Distant Metastases in Head-and-Neck Squamous Cell Carcinoma Treated With Intensity-Modulated Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 684-689.	0.8	37
102	Impact of spot size on plan quality of spot scanning proton radiosurgery for peripheral brain lesions. <i>Medical Physics</i> , 2014, 41, 121705.	3.0	37
103	Optic-guided stereotactic radiotherapy. <i>Medical Dosimetry</i> , 1998, 23, 221-228.	0.9	36
104	The lazareid U74389G protects normal brain from stereotactic radiosurgery-induced radiation injury. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 591-597.	0.8	35
105	Update in management of head and neck sarcoma. <i>Current Opinion in Oncology</i> , 2004, 16, 333-341.	2.4	35
106	SBRT to adrenal metastases provides high local control with minimal toxicity. <i>Advances in Radiation Oncology</i> , 2017, 2, 581-587.	1.2	35
107	Dosimetric characteristics of a double-focused miniature multileaf collimator. <i>Medical Physics</i> , 1999, 26, 729-733.	3.0	34
108	Efficacy of nelfinavir as monotherapy in refractory adenoid cystic carcinoma: Results of a phase II clinical trial. <i>Head and Neck</i> , 2015, 37, 722-726.	2.0	34

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109	Bone marrow sparing in intensity modulated proton therapy for cervical cancer: Efficacy and robustness under range and setup uncertainties. <i>Radiotherapy and Oncology</i> , 2015, 115, 373-378.	0.6	34
110	Radiation therapy of pathologically confirmed newly diagnosed glioblastoma in adults. <i>Journal of Neuro-Oncology</i> , 2008, 89, 313-337.	2.9	33
111	Comparison of response evaluation criteria in solid tumors with volumetric measurements for estimation of tumor burden in pancreatic adenocarcinoma and hepatocellular carcinoma. <i>American Journal of Surgery</i> , 2012, 204, 580-585.	1.8	33
112	Graded Prognostic Assessment (GPA) for Patients With Lung Cancer and Brain Metastases: Initial Report of the Small Cell Lung Cancer GPA and Update of the Non-Small Cell Lung Cancer GPA Including the Effect of Programmed Death Ligand 1 and Other Prognostic Factors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 60-74.	0.8	33
113	Outcome after radiotherapy of primary spinal cord glial tumors. <i>Radiation Oncology Investigations</i> , 1998, 6, 276-280.	0.9	32
114	In vivo determination of extra-target doses received from serial tomotherapy. <i>Radiotherapy and Oncology</i> , 2002, 63, 217-222.	0.6	32
115	ACR Appropriateness Criteria® Pre-Irradiation Evaluation and Management of Brain Metastases. <i>Journal of Palliative Medicine</i> , 2014, 17, 880-886.	1.1	32
116	Disease outcomes for skull base and spinal chordomas: A single center experience. <i>Clinical Neurology and Neurosurgery</i> , 2015, 130, 67-73.	1.4	32
117	Optimal Graph Search Segmentation Using Arc-Weighted Graph for Simultaneous Surface Detection of Bladder and Prostate. <i>Lecture Notes in Computer Science</i> , 2009, 12, 827-835.	1.3	32
118	Mitochondrial Superoxide Increases Age-Associated Susceptibility of Human Dermal Fibroblasts to Radiation and Chemotherapy. <i>Cancer Research</i> , 2017, 77, 5054-5067.	0.9	31
119	Accelerated hyperfractionated radiotherapy for malignant gliomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 785-792.	0.8	30
120	Posttreatment FDG-PET Uptake in the Supraglottic and Glottic Larynx Correlates With Decreased Quality of Life After Chemoradiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 386-392.	0.8	30
121	The Use of Quantitative Imaging in Radiation Oncology: A Quantitative Imaging Network (QIN) Perspective. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1219-1235.	0.8	30
122	Facial Nerve Sacrifice and Radiotherapy in Parotid Adenoid Cystic Carcinoma. <i>Laryngoscope</i> , 2008, 118, 1781-1786.	2.0	29
123	Linear Accelerator Radiosurgery in Brain Tumor Management. <i>Neurosurgery Clinics of North America</i> , 1999, 10, 203-242.	1.7	28
124	Protracted Radiotherapy Treatment Duration in Medulloblastoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2003, 26, 55-59.	1.3	28
125	Using [18F]Fluorothymidine Imaged With Positron Emission Tomography to Quantify and Reduce Hematologic Toxicity Due to Chemoradiation Therapy for Pelvic Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 228-239.	0.8	28
126	FLT PET Radiomics for Response Prediction to Chemoradiation Therapy in Head and Neck Squamous Cell Cancer. <i>Tomography</i> , 2019, 5, 161-169.	1.8	28

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127	^3H -deoxy- ^3H -[18F]fluorothymidine PET Quantification of Bone Marrow Response to Radiation Dose. International Journal of Radiation Oncology Biology Physics, 2011, 81, 888-893.	0.8	27
128	Lessons Learned from Radiation Oncology Clinical Trials. Clinical Cancer Research, 2013, 19, 6089-6100.	7.0	27
129	Estimating survival in patients with gastrointestinal cancers and brain metastases: An update of the graded prognostic assessment for gastrointestinal cancers (GI-GPA). Clinical and Translational Radiation Oncology, 2019, 18, 39-45.	1.7	26
130	Linac Radiosurgery. , 1998, , .		26
131	Fractionated Stereotactic Radiotherapy: A Short Review. Technology in Cancer Research and Treatment, 2002, 1, 153-172.	1.9	25
132	Mitochondrial Superoxide Dismutase in Cisplatin-Induced Kidney Injury. Antioxidants, 2021, 10, 1329.	5.1	25
133	Stereotactic Irradiation. American Journal of Clinical Oncology: Cancer Clinical Trials, 1999, 22, 143-146.	1.3	25
134	The cost-effectiveness of surgery for trigeminal neuralgia in surgically naïve patients: A retrospective study. Clinical Neurology and Neurosurgery, 2015, 137, 34-37.	1.4	24
135	Can post-RT FDG PET accurately predict the pathologic status in neck dissection after radiation for locally advanced head and neck cancer? In regard to Rogers et al. (Int J Radiat Oncol Biol Phys) Tj ETQq1 1 0.784316.gBT /Overlock 10		
136	The radiobiology of radiosurgery and stereotactic radiotherapy. Medical Dosimetry, 1998, 23, 201-207.	0.9	22
137	Multi-site quality and variability analysis of 3D FDG PET segmentations based on phantom and clinical image data. Medical Physics, 2017, 44, 479-496.	3.0	22
138	Effect of Targeted Therapies on Prognostic Factors, Patterns of Care, and Survival in Patients With Renal Cell Carcinoma and Brain Metastases. International Journal of Radiation Oncology Biology Physics, 2018, 101, 845-853.	0.8	22
139	RTOG 90-05: the real conclusion. International Journal of Radiation Oncology Biology Physics, 2000, 47, 269-271.	0.8	21
140	Signaling pathways in adenoid cystic cancers: Implications for treatment. Cancer Biology and Therapy, 2009, 8, 1947-1951.	3.4	21
141	FDG PET based prediction of response in head and neck cancer treatment: Assessment of new quantitative imaging features. PLoS ONE, 2019, 14, e0215465.	2.5	20
142	Investigation of the pharmacokinetics of ^3H -deoxy- ^3H -[18F]fluorothymidine uptake in the bone marrow before and early after initiation of chemoradiation therapy in head and neck cancer. Nuclear Medicine and Biology, 2010, 37, 433-438.	0.6	19
143	Change of Maximum Standardized Uptake Value/Slope in Dynamic Triphasic [18F]-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Distinguishes Malignancy From Postirradiation Inflammation in Head-and-Neck Squamous Cell Carcinoma: A Prospective Trial. International Journal of Radiation Oncology Biology Physics, 2015, 91, 472-479.	0.8	19
144	Machine learning with the TCGA-HNSC dataset: improving usability by addressing inconsistency, sparsity, and high-dimensionality. BMC Bioinformatics, 2019, 20, 339.	2.6	19

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145	Linac scalpel radiosurgery at the university of florida. <i>Medical Dosimetry</i> , 1998, 23, 177-185.	0.9	18
146	Radiotoxicity After Conformal Radiation Therapy for Benign Intracranial Tumors. <i>Neurosurgery Clinics of North America</i> , 2006, 17, 169-180.	1.7	17
147	Advances in radiotherapy for head and neck cancer. <i>Journal of Surgical Oncology</i> , 1995, 11, 256-264.	1.4	16
148	Automated measurement of uptake in cerebellum, liver, and aortic arch in full-body FDG PET/CT scans. <i>Medical Physics</i> , 2012, 39, 3112-3123.	3.0	16
149	Letter to Cancer Center Directors: Progress in Quantitative Imaging As a Means to Predict and/or Measure Tumor Response in Cancer Therapy Trials. <i>Journal of Clinical Oncology</i> , 2014, 32, 2115-2116.	1.6	16
150	Paddle-based rotating shield brachytherapy. <i>Medical Physics</i> , 2015, 42, 5992-6003.	3.0	16
151	Image-Guided Stereotactic Radiosurgery Using a Specially Designed High-Dose-Rate Linac. <i>Medical Dosimetry</i> , 2007, 32, 134-141.	0.9	15
152	Computational Challenges and Collaborative Projects in the NCI Quantitative Imaging Network. <i>Tomography</i> , 2016, 2, 242-249.	1.8	15
153	Ultrasonographic guidance for spinal extracranial radiosurgery: technique and application for metastatic spinal lesions. <i>Neurosurgical Focus</i> , 2001, 11, 1-6.	2.3	14
154	Stereotactic radio surgery and radio frequency rhizotomy for trigeminal neuralgia in multiple sclerosis: A single institution experience. <i>Clinical Neurology and Neurosurgery</i> , 2017, 162, 80-84.	1.4	14
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