John Buatti

List of Publications by Year in descending order

268 papers	17,367 citations	17429 63 h-index	16164 124 g-index
276 all docs	276 docs citations	276 times ranked	18910 citing authors

#	Article	IF	Citations
1	Quantification of uptake in pelvis Fâ€18 FLT PETâ€CT images using a 3D localization and segmentation CNN. Medical Physics, 2022, 49, 1585-1598.	1.6	6
2	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. International Journal of Radiation Oncology Biology Physics, 2022, 114, 60-74.	0.4	33
3	Clinical Implementational and Site-Specific Workflows for a 1.5T MR-Linac. Journal of Clinical Medicine, 2022, 11, 1662.	1.0	9
4	Pharmacological ascorbate improves the response to platinum-based chemotherapy in advanced stage non-small cell lung cancer. Redox Biology, 2022, 53, 102318.	3.9	8
5	Magnetic resonance imaging (MRI) of pharmacological ascorbate-induced iron redox state as a biomarker in subjects undergoing radio-chemotherapy. Redox Biology, 2021, 38, 101804.	3.9	14
6	The Rapid Evolution of Theranostics in Radiation Oncology. Seminars in Radiation Oncology, 2021, 31, 1-2.	1.0	5
7	Case series of sphenoid wing meningioma - What is a maximal safe resection?. Neurochirurgie, 2021, 67, 547-555.	0.6	0
8	Ketogenic Diet with Concurrent Chemoradiation in Head and Neck Squamous Cell Carcinoma: Preclinical and Phase 1 Trial Results. Radiation Research, 2021, 196, 213-224.	0.7	14
9	The potential role of MR-guided adaptive radiotherapy in pediatric oncology: Results from a SIOPE-COG survey. Clinical and Translational Radiation Oncology, 2021, 29, 71-78.	0.9	8
10	Mitochondrial Superoxide Dismutase in Cisplatin-Induced Kidney Injury. Antioxidants, 2021, 10, 1329.	2.2	25
11	Why an Increasing Number of Unmatched Residency Positions in Radiation Oncology? A Survey of Fourth-Year Medical Students. Advances in Radiation Oncology, 2021, 6, 100743.	0.6	2
12	A Recursive Partitioning Analysis Demonstrating Risk Subsets for 8-Year Biochemical Relapse After Margin-Positive Radical Prostatectomy Without Adjuvant Hormone or Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100778.	0.6	1
13	Temporal Relationship Between Visual Field, Retinal and Microvascular Pathology Following ¹²⁵I-Plaque Brachytherapy for Uveal Melanoma. , 2021, 62, 3.		7
14	Utilization of Pharmacological Ascorbate to Enhance Hydrogen Peroxide-Mediated Radiosensitivity in Cancer Therapy. International Journal of Molecular Sciences, 2021, 22, 10880.	1.8	9
15	Prostate-Specific Membrane Antigen (PSMA) Theranostics for Treatment of Oligometastatic Prostate Cancer. International Journal of Molecular Sciences, 2021, 22, 12095.	1.8	13
16	Quantitative Imaging in Radiation Treatment Planning. , 2021, , 1-20.		0
17	Exam Preparation and Performance Reporting Changes for the American Board of Radiology Radiation Oncology Physics Examination: Results From the ASTRO Workgroup. International Journal of Radiation Oncology Biology Physics, 2020, 106, 43-44.	0.4	6
18	A 3D deep convolutional neural network approach for the automated measurement of cerebellum tracer uptake in FDG PETâ€CT scans. Medical Physics, 2020, 47, 1058-1066.	1.6	3

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19	Long-term outcome comparison for standard fractionation (>59â€Gy) versus hyperfractionated (>45â€Gy) radiotherapy plus concurrent chemotherapy for limited-stage small-cell lung cancer. Reports of Practical Oncology and Radiotherapy, 2020, 25, 489-493.	0.3	1
20	Radioresistance in Glioblastoma and the Development of Radiosensitizers. Cancers, 2020, 12, 2511.	1.7	77
21	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. Journal of Clinical Oncology, 2020, 38, 3773-3784.	0.8	223
22	Stereotactic radiotherapy of appropriately selected meningiomas and metastatic brain tumor beds with gamma knife icon versus volumetric modulated arc therapy. Journal of Applied Clinical Medical Physics, 2020, 21, 246-252.	0.8	0
23	Quantitative Imaging Informatics for Cancer Research. JCO Clinical Cancer Informatics, 2020, 4, 444-453.	1.0	11
24	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.	0.6	49
25	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.	0.4	81
26	Clinical Trial Design and Development Work Group Within the Quantitative Imaging Network. Tomography, 2020, 6, 60-64.	0.8	2
27	Multisite Technical and Clinical Performance Evaluation of Quantitative Imaging Biomarkers from 3D FDG PET Segmentations of Head and Neck Cancer Images. Tomography, 2020, 6, 65-76.	0.8	4
28	Assessment of Gadobutrol Safety in Combination with Ionizing Radiation Using a Preclinical MRI-Guided Radiotherapy Model. Radiation Research, 2020, 195, 230-234.	0.7	4
29	Differentiated Thyroid Cancer: Management and Treatment in a Community Hospital and Guidelines to Lower Morbidity. Archives of Otorhinolaryngology-Head & Neck Surgery, 2020, 4, .	0.4	0
30	Impact of Treatment Time on Outcome for Resected Head and Neck Squamous Cell Carcinoma by HPV Status. Clinical Oncology and Research, 2020, , 1-7.	0.1	1
31	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.	0.9	26
32	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.	0.8	77
33	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.	3.2	52
34	Machine learning with the TCGA-HNSC dataset: improving usability by addressing inconsistency, sparsity, and high-dimensionality. BMC Bioinformatics, 2019, 20, 339.	1.2	19
35	FLT PET Radiomics for Response Prediction to Chemoradiation Therapy in Head and Neck Squamous Cell Cancer. Tomography, 2019, 5, 161-169.	0.8	28
36	FDG PET based prediction of response in head and neck cancer treatment: Assessment of new quantitative imaging features. PLoS ONE, 2019, 14, e0215465.	1.1	20

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37	Tissue Fibrosis after Radiation Treatment for Breast Cancer. , 2019, , 159-174.		1
38	Training Requirements for Theranostics: A Unique Opportunity for Collaboration. Journal of Nuclear Medicine, 2019, 60, 1205-1206.	2.8	1
39	Survival and prognostic factors in patients with gastrointestinal cancers and brain metastases: have we made progress?. Translational Research, 2019, 208, 63-72.	2.2	13
40	Deep segmentation networks predict survival of non-small cell lung cancer. Scientific Reports, 2019, 9, 17286.	1.6	59
41	Using Smaller-Than-Standard Radiation Treatment Margins Does Not Change Survival Outcomes in Patients with High-Grade Gliomas. Practical Radiation Oncology, 2019, 9, 16-23.	1.1	13
42	Simultaneous cosegmentation of tumors in <scp>PET</scp>â€<scp>CT</scp> images using deep fully convolutional networks. Medical Physics, 2019, 46, 619-633.	1.6	66
43	Is More Always Better? An Assessment of the Impact of Lymph Node Yield on Outcome for Clinically Localized Prostate Cancer with Low/Intermediate Risk Pathology (pT2-3a/pN0) Managed with Prostatectomy Alone. Pathology and Oncology Research, 2019, 25, 209-215.	0.9	6
44	Automated modelâ€based quantitative analysis of phantoms with spherical inserts in FDG PET scans. Medical Physics, 2018, 45, 258-276.	1.6	12
45	Utility of 3-Month Surveillance F-18 FDG PET/CT in Surgically Resected Oral Squamous Cell Carcinoma. Annals of Otology, Rhinology and Laryngology, 2018, 127, 185-191.	0.6	1
46	Phase 1b/2a Trial of the Superoxide Dismutase Mimetic GC4419 to Reduce Chemoradiotherapy-Induced Oral Mucositis in Patients With Oral Cavity or Oropharyngeal Carcinoma. International Journal of Radiation Oncology Biology Physics, 2018, 100, 427-435.	0.4	63
47	Pharmacologic Ascorbate Reduces Radiation-Induced Normal Tissue Toxicity and Enhances Tumor Radiosensitization in Pancreatic Cancer. Cancer Research, 2018, 78, 6838-6851.	0.4	83
48	The Use of Quantitative Imaging in Radiation Oncology: A Quantitative Imaging Network (QIN) Perspective. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1219-1235.	0.4	30
49	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.	0.4	22
50	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.	0.6	47
51	3D fully convolutional networks for co-segmentation of tumors on PET-CT images. , 2018, 2018, 228-231.		60
52	Multi-scale segmentation using deep graph cuts: Robust lung tumor delineation in MVCBCT. , 2018, 2018, 514-518.		2
53	Improving tumor co-segmentation on PET-CT images with 3D co-matting. , 2018, 2018, 224-227.		3
54	Radioiodine Ablation following Thyroidectomy for Differentiated Thyroid Cancer: Literature Review of Utility, Dose, and Toxicity. European Thyroid Journal, 2017, 6, 187-196.	1.2	48

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55	O 2 â‹…â^' and H 2 O 2 -Mediated Disruption of Fe Metabolism Causes the Differential Susceptibility of NSCLC and GBM Cancer Cells to Pharmacological Ascorbate. Cancer Cell, 2017, 31, 487-500.e8.	7.7	316
56	Multiâ€site quality and variability analysis of 3D FDG PET segmentations based on phantom and clinical image data. Medical Physics, 2017, 44, 479-496.	1.6	22
57	Stereotactic radio surgery and radio frequency rhizotomy for trigeminal neuralgia in multiple sclerosis: A single institution experience. Clinical Neurology and Neurosurgery, 2017, 162, 80-84.	0.6	14
58	(P091) Stereotactic Body Radiation Therapy for Adrenal Gland Metastases. International Journal of Radiation Oncology Biology Physics, 2017, 98, E40.	0.4	0
59	Mitochondrial Superoxide Increases Age-Associated Susceptibility of Human Dermal Fibroblasts to Radiation and Chemotherapy. Cancer Research, 2017, 77, 5054-5067.	0.4	31
60	SBRT to adrenal metastases provides high local control with minimal toxicity. Advances in Radiation Oncology, 2017, 2, 581-587.	0.6	35
61	Gleason ScoreÂâ‰ 6 Prostate Cancer at Radical Prostatectomy: Does a High-Risk Setting Truly Exist? A Recursive Partitioning Analysis. Clinical Genitourinary Cancer, 2017, 15, 242-247.	0.9	3
62	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. Radiation Research, 2017, 187, 743-754.	0.7	100
63	Development of a radiobiological evaluation tool to assess the expected clinical impacts of contouring accuracy between manual and semi-automated segmentation algorithms. , 2017, 2017, 3409-3412.		0
64	3D Alpha Matting Based Co-segmentation of Tumors on PET-CT Images. Lecture Notes in Computer Science, 2017, 10555, 31-42.	1.0	6
65	Once Daily High-dose Radiation (â‰¥60 Gy) Treatment in Limited Stage Small Cell Lung Cancer. Journal of Oncology Translational Research, 2017, 02, .	0.2	0
66	Multicenter survey of PET/CT protocol parameters that affect standardized uptake values. Journal of Medical Imaging, 2017, 5, 1.	0.8	1
67	A Single-Institution Analysis of Thymic Carcinoma Treated with Multi-Modality Therapy. , 2017, 1, .		0
68	LG-12CASE SERIES OF PILOMYXOID ASTROCYTOMA. Neuro-Oncology, 2016, 18, iii81.1-iii81.	0.6	0
69	Semiautomated segmentation of head and neck cancers in 18Fâ€FDG PET scans: A justâ€enoughâ€interaction approach. Medical Physics, 2016, 43, 2948-2964.	1.6	41
70	Incidental prostate cancer diagnosed at radical cystoprostatectomy for bladder cancer: disease-specific outcomes and survival. Prostate International, 2016, 4, 107-112.	1.2	5
71	Using [18F]Fluorothymidine Imaged With Positron Emission Tomography to Quantify and Reduce Hematologic Toxicity Due to Chemoradiation Therapy for Pelvic Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2016, 96, 228-239.	0.4	28
72	Quantitative Imaging in Cancer Clinical Trials. Clinical Cancer Research, 2016, 22, 284-290.	3.2	106

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73	Individualization of Adjuvant Therapy After Radical Prostatectomy for Clinically Localized Prostate Cancer: Current Status and FutureÂDirections. Clinical Genitourinary Cancer, 2016, 14, 12-21.	0.9	7
74	Computational Challenges and Collaborative Projects in the NCI Quantitative Imaging Network. Tomography, 2016, 2, 242-249.	0.8	15
75	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. PeerJ, 2016, 4, e2057.	0.9	67
76	Accrual Patterns for Clinical Studies Involving Quantitative Imaging: Results of an NCI Quantitative Imaging Network (QIN) Survey. Tomography, 2016, 2, 276-282.	0.8	1
77	Efficacy of nelfinavir as monotherapy in refractory adenoid cystic carcinoma: Results of a phase II clinical trial. Head and Neck, 2015, 37, 722-726.	0.9	34
78	Paddleâ€based rotatingâ€shield brachytherapy. Medical Physics, 2015, 42, 5992-6003.	1.6	16
79	Change of Maximum Standardized Uptake ValueÂSlope in Dynamic Triphasic [18F]-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Distinguishes Malignancy From Postradiation Inflammation in Head-and-Neck Squamous CellÂCarcinoma: A Prospective Trial. International Journal of Radiation Oncology Biology Physics, 2015, 91, 472-479.	0.4	19
80	Disease outcomes for skull base and spinal chordomas: A single center experience. Clinical Neurology and Neurosurgery, 2015, 130, 67-73.	0.6	32
81	The cost-effectiveness of surgery for trigeminal neuralgia in surgically naÃ¯ve patients: A retrospective study. Clinical Neurology and Neurosurgery, 2015, 137, 34-37.	0.6	24
82	Bone marrow sparing in intensity modulated proton therapy for cervical cancer: Efficacy and robustness under range and setup uncertainties. Radiotherapy and Oncology, 2015, 115, 373-378.	0.3	34
83	The role of radiotherapy in the management of patients with diffuse low grade glioma. Journal of Neuro-Oncology, 2015, 125, 551-583.	1.4	50
84	In Regard to Zhang etÂal. International Journal of Radiation Oncology Biology Physics, 2015, 93, 211.	0.4	1
85	Letter to Cancer Center Directors: Progress in Quantitative Imaging As a Means to Predict and/or Measure Tumor Response in Cancer Therapy Trials. Journal of Clinical Oncology, 2014, 32, 2115-2116.	0.8	16
86	David H. Hussey, MD. Radiology, 2014, 270, 939-939.	3.6	0
87	ACR Appropriateness CriteriaÂ® Pre-Irradiation Evaluation and Management of Brain Metastases. Journal of Palliative Medicine, 2014, 17, 880-886.	0.6	32
88	Response to â€œWhere Do Patients With Cancer in Iowa Receive Radiation Therapy?â€. Journal of Oncology Practice, 2014, 10, e283-e283.	2.5	2
89	Preliminary experience in treating skull base chordomas with high-dose hyperfractionated stereotactic photon radiation therapy. Journal of Radiation Oncology, 2014, 3, 57-64.	0.7	3
90	3-Dimensional Magnetic Resonance Spectroscopic Imaging at 3ÂTesla for Early Response Assessment of Glioblastoma Patients During External Beam Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2014, 90, 181-189.	0.4	43

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91	Ketogenic diets as an adjuvant cancer therapy: History and potential mechanism. Redox Biology, 2014, 2, 963-970.	3.9	206
92	The role of radiotherapy in the management of progressive glioblastoma. Journal of Neuro-Oncology, 2014, 118, 489-499.	1.4	68
93	Parathyroid adenoma: Report of a patient successfully treated with stereotactic body radiation therapy. Practical Radiation Oncology, 2014, 4, 55-57.	1.1	0
94	The role of cytoreductive surgery in the management of progressive glioblastoma. Journal of Neuro-Oncology, 2014, 118, 479-488.	1.4	55
95	Impact of spot size on plan quality of spot scanning proton radiosurgery for peripheral brain lesions. Medical Physics, 2014, 41, 121705.	1.6	37
96	167â€ƒThe Cost Effectiveness of Surgery For Trigeminal Neuralgia in Surgically Naive Patients, A Retrospective Study. Neurosurgery, 2014, 61, 215.	0.6	1
97	Optimal field-splitting algorithm in intensity-modulated radiotherapy: Evaluations using head-and-neck and female pelvic IMRT cases. Medical Dosimetry, 2013, 38, 12-17.	0.4	0
98	An almost linear time algorithm for field splitting in radiation therapy. Computational Geometry: Theory and Applications, 2013, 46, 673-687.	0.3	3
99	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.	0.4	89
100	Optimal Co-Segmentation of Tumor in PET-CT Images With Context Information. IEEE Transactions on Medical Imaging, 2013, 32, 1685-1697.	5.4	112
101	PET Imaging During Radiotherapy of Head and Neck Cancer. Journal of Nuclear Medicine, 2013, 54, 497-498.	2.8	3
102	Lessons Learned from Radiation Oncology Clinical Trials. Clinical Cancer Research, 2013, 19, 6089-6100.	3.2	27
103	Optimal Multiple Surface Segmentation With Shape and Context Priors. IEEE Transactions on Medical Imaging, 2013, 32, 376-386.	5.4	99
104	Ketogenic Diets Enhance Oxidative Stress and Radio-Chemo-Therapy Responses in Lung Cancer Xenografts. Clinical Cancer Research, 2013, 19, 3905-3913.	3.2	180
105	Automated measurement of uptake in cerebellum, liver, and aortic arch in fullâ€body FDG PET/CT scans. Medical Physics, 2012, 39, 3112-3123.	1.6	16
106	Distant Metastases in Head-and-Neck Squamous Cell Carcinoma Treated With Intensity-Modulated Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2012, 83, 684-689.	0.4	37
107	Nelfinavir treatment of adenoid cystic carcinoma: A case report. Practical Radiation Oncology, 2012, 2, e129-e132.	1.1	2
108	Comparison of response evaluation criteria in solid tumors with volumetric measurements for estimation of tumor burden in pancreatic adenocarcinoma and hepatocellular carcinoma. American Journal of Surgery, 2012, 204, 580-585.	0.9	33

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109	3D Slicer as an image computing platform for the Quantitative Imaging Network. Magnetic Resonance Imaging, 2012, 30, 1323-1341.	1.0	5,126
110	Promise and pitfalls of quantitative imaging in oncology clinical trials. Magnetic Resonance Imaging, 2012, 30, 1301-1312.	1.0	83
111	Intensity-modulated radiation therapy for permanent alopecia of unwanted palatal hair. Journal of Radiation Oncology, 2012, 1, 411-414.	0.7	2
112	Disseminated subarachnoid chordoma: long-term favorable follow-up of a pediatric patient. Pediatric Radiology, 2012, 42, 878-880.	1.1	4
113	Globally Optimal Tumor Segmentation in PET-CT Images: A Graph-Based Co-segmentation Method. Lecture Notes in Computer Science, 2011, 22, 245-256.	1.0	70
114	3â€™-deoxy-3â€™-[18F]fluorothymidine PET Quantification of Bone Marrow Response to Radiation Dose. International Journal of Radiation Oncology Biology Physics, 2011, 81, 888-893.	0.4	27
115	Image-Based Biomarkers in Clinical Practice. Seminars in Radiation Oncology, 2011, 21, 157-166.	1.0	13
116	Atlas of Diagnostic Oncology, 4th Edition. International Journal of Radiation Oncology Biology Physics, 2011, 81, 314.	0.4	1
117	Ultraâ€early predictive assay for treatment failure using functional magnetic resonance imaging and clinical prognostic parameters in cervical cancer. Cancer, 2010, 116, 903-912.	2.0	69
118	4DCTâ€based measurement of changes in pulmonary function following a course of radiation therapy. Medical Physics, 2010, 37, 1261-1272.	1.6	89
119	Stability of 3â€²-Deoxy-3â€²-[¹⁸F]Fluorothymidine Standardized Uptake Values in Head and Neck Cancer Over Time. Cancer Biotherapy and Radiopharmaceuticals, 2010, 25, 361-363.	0.7	3
120	Investigation of the pharmacokinetics of 3â€²-deoxy-3â€²-[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.	0.3	19
121	Management of Early Glottic Cancer. , 2010, , 1512-1524.		1
122	Signaling pathways in adenoid cystic cancers: Implications for treatment. Cancer Biology and Therapy, 2009, 8, 1947-1951.	1.5	21
123	EFFICIENT ALGORITHM FOR OPTIMAL MATRIX ORTHOGONAL DECOMPOSITION PROBLEM IN INTENSITY-MODULATED RADIATION THERAPY. International Journal of Computational Geometry and Applications, 2009, 19, 231-246.	0.3	2
124	Radiation Response in Two HPV-Infected Head-and-Neck Cancer Cell Lines in Comparison to a Nonâ€“HPV-Infected Cell Line and Relationship to Signaling Through AKT. International Journal of Radiation Oncology Biology Physics, 2009, 74, 928-933.	0.4	93
125	Papillary tumor of the pineal region: report of a rapidly progressive tumor with possible multicentric origin. Pediatric Radiology, 2009, 39, 188-190.	1.1	48
126	Clinical Significance of Postradiotherapy [18F]-Fluorodeoxyglucose Positron Emission Tomography Imaging in Management of Head-and-Neck Cancerâ€”A Long-Term Outcome Report. International Journal of Radiation Oncology Biology Physics, 2009, 74, 9-14.	0.4	108

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127	In Reply to Reddy et al.. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1284-1285.	0.4	0
128	3D-MR Spectroscopic Imaging Assessment of Metabolic Status of Malignant Gliomas during External Beam Radiation Therapy - Preliminary Results. International Journal of Radiation Oncology Biology Physics, 2009, 75, S228-S229.	0.4	1
129	Kinetic Analysis of 3â€²-Deoxy-3â€²-18F-Fluorothymidine (18F-FLT) in Head and Neck Cancer Patients Before and Early After Initiation of Chemoradiation Therapy. Journal of Nuclear Medicine, 2009, 50, 1028-1035.	2.8	77
130	Optimal Graph Search Segmentation Using Arc-Weighted Graph for Simultaneous Surface Detection of Bladder and Prostate. Lecture Notes in Computer Science, 2009, 12, 827-835.	1.0	32
131	Radiation therapy of pathologically confirmed newly diagnosed glioblastoma in adults. Journal of Neuro-Oncology, 2008, 89, 313-337.	1.4	33
132	Impact of 3-Tesla MR Spectroscopic Imaging in the Delineation of High Grade Glioma Target Volumes for Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2008, 72, S210.	0.4	1
133	Use of Music-based Breathing Training to Stabilize Breathing Motion in Respiration Correlated Imaging and Radiation Delivery. International Journal of Radiation Oncology Biology Physics, 2008, 72, S659.	0.4	6
134	Analysis of Interfraction Prostate Motion Using Megavoltage Cone Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2008, 72, 949-956.	0.4	91
135	Posttreatment FDG-PET Uptake in the Supraglottic and Glottic Larynx Correlates With Decreased Quality of Life After Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2008, 71, 386-392.	0.4	30
136	Facial Nerve Sacrifice and Radiotherapy in Parotid Adenoid Cystic Carcinoma. Laryngoscope, 2008, 118, 1781-1786.	1.1	29
137	Optically Guided Stereotactic Radiotherapy for Lacrimal Sac Tumors: A Report on Two Cases. Technology in Cancer Research and Treatment, 2008, 7, 35-40.	0.8	9
138	Pathology and FDG PET Correlation of Residual Lymph Nodes in Head and Neck Cancer After Radiation Treatment. American Journal of Clinical Oncology: Cancer Clinical Trials, 2007, 30, 264-270.	0.6	63
139	The Failure Patterns of Oral Cavity Squamous Cell Carcinoma After Intensity-Modulated Radiotherapyâ€"The University of Iowa Experience. International Journal of Radiation Oncology Biology Physics, 2007, 67, 1332-1341.	0.4	72
140	Is Planned Neck Dissection Necessary for Head and Neck Cancer After Intensity-Modulated Radiotherapy?. International Journal of Radiation Oncology Biology Physics, 2007, 68, 707-713.	0.4	43
141	Radiation Doses to Structures Within and Adjacent to the Larynx are Correlated With Long-Term Diet- and Speech-Related Quality of Life. International Journal of Radiation Oncology Biology Physics, 2007, 68, 750-757.	0.4	141
142	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.	0.4	52
143	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. International Journal of Radiation Oncology Biology Physics, 2007, 69, 1222-1230.	0.4	63
144	Orthogonal Delivery to Improve IMRT Efficiency. International Journal of Radiation Oncology Biology Physics, 2007, 69, S194.	0.4	0

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145	Image-Guided Stereotactic Radiosurgery Using a Specially Designed High-Dose-Rate Linac. Medical Dosimetry, 2007, 32, 134-141.	0.4	15
146	New Algorithm for Field Splitting in Radiation Therapy. , 2007, , 692-703.		4
147	Radiotoxicity After Conformal Radiation Therapy for Benign Intracranial Tumors. Neurosurgery Clinics of North America, 2006, 17, 169-180.	0.8	17
148	Optically Guided Stereotactic Radiotherapy for Facial Nerve Paralysis Secondary to Occult Malignant Neoplasms. Otolaryngology - Head and Neck Surgery, 2006, 135, 657-659.	1.1	0
149	Changing Failure Patterns in Oropharyngeal Squamous Cell Carcinoma Treated With Intensity Modulated Radiotherapy and Implications for Future Research. American Journal of Clinical Oncology: Cancer Clinical Trials, 2006, 29, 606-612.	0.6	45
150	Optimal number of beams for stereotactic body radiotherapy of lung and liver lesions. International Journal of Radiation Oncology Biology Physics, 2006, 66, 906-912.	0.4	48
151	2398. International Journal of Radiation Oncology Biology Physics, 2006, 66, S431.	0.4	0
152	Radiation induced adult medulloblastoma: a case report. Journal of Neuro-Oncology, 2006, 80, 191-194.	1.4	8
153	Serial Therapy-Induced Changes in Tumor Shape in Cervical Cancer and Their Impact on Assessing Tumor Volume and Treatment Response. American Journal of Roentgenology, 2006, 187, 65-72.	1.0	64
154	SCHEDULING FOR RADIOTHERAPY SIMULATION IN CHILDREN WITH A RENAL MASS. Pediatric Hematology and Oncology, 2006, 23, 275-276.	0.3	0
155	Merkel Cell Carcinoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2005, 28, 205-210.	0.6	39
156	Initial clinical experience with frameless radiosurgery for patients with intracranial metastases. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1467-1472.	0.4	59
157	Intensity-modulated radiation treatment for head-and-neck squamous cell carcinomaâ€"the University of Iowa experience. International Journal of Radiation Oncology Biology Physics, 2005, 63, 410-421.	0.4	177
158	The role of FDG PET in management of neck metastasis from head-and-neck cancer after definitive radiation treatment. International Journal of Radiation Oncology Biology Physics, 2005, 63, 991-999.	0.4	189
159	Optically Guided Patient Positioning Techniques. Seminars in Radiation Oncology, 2005, 15, 192-201.	1.0	74
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