Timothy E Schultheiss

List of Publications by Year in Descending Order

78 papers	6,422 citations	47 h-index	80 g-index
80 ext. papers	7,082 ext. citations	2 avg, IF	5.34 L-index

#	Paper	IF	Citations
78	Phase I Trial of Total Marrow and Lymphoid Irradiation Transplantation Conditioning in Patients with Relapsed/Refractory Acute Leukemia. *Biology of Blood and Marrow Transplantation*, **2017**, 23, 618-624	4.7	54
77	Effect of increasing radiation dose on pathologic complete response in rectal cancer patients treated with neoadjuvant chemoradiation therapy. *Acta Oncologica*, **2016**, 55, 1392-1399	3.2	31
76	Treatment outcomes for patients with chloroma receiving radiation therapy. *Journal of Medical Imaging and Radiation Oncology*, **2014**, 58, 523-7	1.7	7
75	Extramedullary relapse following total marrow and lymphoid irradiation in patients undergoing allogeneic hematopoietic cell transplantation. *International Journal of Radiation Oncology Biology Physics*, **2014**, 89, 75-81	4	20
74	Clinical outcomes of patients treated with a second course of stereotactic radiosurgery for locally or regionally recurrent brain metastases after prior stereotactic radiosurgery. *Journal of Neuro-Oncology*, **2013**, 115, 37-43	4.8	26
73	Distance-to-agreement investigation of Tomotherapy® bony anatomy-based autoregistration and planning target volume contour-based optimization. *International Journal of Radiation Oncology Biology Physics*, **2013**, 85, 862-5	4	2
72	Dose escalation of total marrow irradiation with concurrent chemotherapy in patients with advanced acute leukemia undergoing allogeneic hematopoietic cell transplantation. *International Journal of Radiation Oncology Biology Physics*, **2013**, 85, 148-56	4	55
71	Response to "comment on "It is not appropriate to "deform" dose along with deformable image registration in adaptive radiotherapy" [Med. Phys. 39, 6531-6533 (2012)]. *Medical Physics*, **2013**, 40, 017102	3.1	5
70	Residual setup errors and dose variations with less-than-daily image guided patient setup in external beam radiotherapy for esophageal cancer. *Radiotherapy and Oncology*, **2012**, 102, 309-14	5.3	21
69	Point/counterpoint: it is not appropriate to "deform" dose along with deformable image registration in adaptive radiotherapy. *Medical Physics*, **2012**, 39, 6531-3	4.4	62
68	Preoperative versus postoperative radiotherapy in soft-tissue sarcoma: multi-institutional analysis of 821 patients. *International Journal of Radiation Oncology Biology Physics*, **2011**, 81, 498-505	4	56
67	Total marrow irradiation: a new ablative regimen as part of tandem autologous stem cell transplantation for patients with multiple myeloma. *Clinical Cancer Research*, **2011**, 17, 174-82	12.9	45
66	Radiation-associated kidney injury. *International Journal of Radiation Oncology Biology Physics*, **2010**, 76, S108-15	4	189
65	Radiation dose-volume effects in the spinal cord. *International Journal of Radiation Oncology Biology Physics*, **2010**, 76, S42-9	4	367
64	Dosimetric study and verification of total body irradiation using helical tomotherapy and its comparison to extended SSD technique. *Medical Dosimetry*, **2010**, 35, 243-9	1.3	38
63	Radiotherapy and extent of surgical resection in retroperitoneal soft-tissue sarcoma: multi-institutional analysis of 261 patients. *Journal of Surgical Oncology*, **2010**, 101, 345-50	2.8	50
62	The role of adjuvant radiation in uterine sarcomas. *International Journal of Radiation Oncology Biology Physics*, **2010**, 76, 728-34	4	82

61	Impact of the number of resected and involved lymph nodes on esophageal cancer survival. *Journal of Surgical Oncology*, **2009**, 100, 127-32	2.8	30
60	Image-guided total-marrow irradiation using helical tomotherapy in patients with multiple myeloma and acute leukemia undergoing hematopoietic cell transplantation. *International Journal of Radiation Oncology Biology Physics*, **2009**, 73, 273-9	4	117
59	Acute toxicity in definitive versus postprostatectomy image-guided radiotherapy for prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **2008**, 71, 351-7	4	37
58	Malignant phyllodes tumor of the breast: local control rates with surgery alone. *International Journal of Radiation Oncology Biology Physics*, **2008**, 71, 710-3	4	68
57	Actual dose variation of parotid glands and spinal cord for nasopharyngeal cancer patients during radiotherapy. *International Journal of Radiation Oncology Biology Physics*, **2008**, 70, 1256-62	4	103
56	The radiation dose-response of the human spinal cord. *International Journal of Radiation Oncology Biology Physics*, **2008**, 71, 1455-9	4	112
55	Impact of drug therapy, radiation dose, and dose rate on renal toxicity following bone marrow transplantation. *International Journal of Radiation Oncology Biology Physics*, **2008**, 71, 1436-43	4	74
54	Image-guided total marrow and total lymphatic irradiation using helical tomotherapy. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 1259-67	4	114
53	Setup variations in radiotherapy of esophageal cancer: evaluation by daily megavoltage computed tomographic localization. *International Journal of Radiation Oncology Biology Physics*, **2007**, 68, 1537-45	4	43
52	Helical tomotherapy for radiotherapy in esophageal cancer: a preferred plan with better conformal target coverage and more homogeneous dose distribution. *Medical Dosimetry*, **2007**, 32, 166-71	1.3	55
51	Dosimetric study and in-vivo dose verification for conformal avoidance treatment of anal adenocarcinoma using helical tomotherapy. *Medical Dosimetry*, **2007**, 32, 33-7	1.3	8
50	Dosimetric comparison of helical tomotherapy treatment and step-and-shoot intensity-modulated radiotherapy of retroperitoneal sarcoma. *Radiotherapy and Oncology*, **2006**, 81, 81-7	5.3	41
49	Targeted total marrow irradiation using three-dimensional image-guided tomographic intensity-modulated radiation therapy: an alternative to standard total body irradiation. *Biology of Blood and Marrow Transplantation*, **2006**, 12, 306-15	4.7	143
48	Dosimetric comparisons of helical tomotherapy treatment plans and step-and-shoot intensity-modulated radiosurgery treatment plans in intracranial stereotactic radiosurgery. *International Journal of Radiation Oncology Biology Physics*, **2006**, 65, 608-16	4	57
47	Pitch, roll, and yaw variations in patient positioning. *International Journal of Radiation Oncology Biology Physics*, **2006**, 66, 949-55	4	59
46	Dose response and factors related to interstitial pneumonitis after bone marrow transplant. *International Journal of Radiation Oncology Biology Physics*, **2005**, 63, 876-84	4	117
45	Organ sparing by conformal avoidance intensity-modulated radiation therapy for anal cancer: dosimetric evaluation of coverage of pelvis and inguinal/femoral nodes. *International Journal of Radiation Oncology Biology Physics*, **2005**, 63, 274-81	4	86
44	Normal-tissue toxicities of thoracic radiation therapy: esophagus, lung, and spinal cord as organs at risk. *Hematology/Oncology Clinics of North America*, **2004**, 18, 131-60, x-xi	3.1	25

43	Dose selection for prostate cancer patients based on dose comparison and dose response studies. *International Journal of Radiation Oncology Biology Physics*, **2000**, 46, 823-32	4	138
42	Ultrasound-based stereotactic guidance of precision conformal external beam radiation therapy in clinically localized prostate cancer. *Urology*, **2000**, 55, 73-8	1.6	102
41	A comparison of daily CT localization to a daily ultrasound-based system in prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **1999**, 43, 719-25	4	214
40	Dose escalation with 3D conformal treatment: five year outcomes, treatment optimization, and future directions. *International Journal of Radiation Oncology Biology Physics*, **1998**, 41, 501-10	4	360
39	Study of lung density corrections in a clinical trial (RTOG 88-08). Radiation Therapy Oncology Group. *International Journal of Radiation Oncology Biology Physics*, **1998**, 41, 787-94	4	34
38	Daily CT localization for correcting portal errors in the treatment of prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **1998**, 41, 1079-86	4	105
37	Beam characteristics of a retrofitted double-focused multileaf collimator. *Medical Physics*, **1998**, 25, 1676-84	4	60
36	Conformal external beam treatment of prostate cancer. *Urology*, **1997**, 50, 87-92	1.6	58
35	The value of setup portal films as an estimate of a patient's position throughout fractionated tangential breast irradiation: an on-line study. *International Journal of Radiation Oncology Biology Physics*, **1997**, 37, 223-8	4	11
34	Optimization of conformal radiation treatment of prostate cancer: report of a dose escalation study. *International Journal of Radiation Oncology Biology Physics*, **1997**, 37, 543-50	4	132
33	Chronic rectal bleeding after high-dose conformal treatment of prostate cancer warrants modification of existing morbidity scales. *International Journal of Radiation Oncology Biology Physics*, **1997**, 38, 59-63	4	100
32	Rectal bleeding after conformal 3D treatment of prostate cancer: time to occurrence, response to treatment and duration of morbidity. *International Journal of Radiation Oncology Biology Physics*, **1997**, 39, 77-83	4	76
31	Clinical applications of picture archival and communications systems in radiation oncology. *Seminars in Radiation Oncology*, **1997**, 7, 39-48	5.5	4
30	Late GI and GU complications in the treatment of prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **1997**, 37, 3-11	4	317
29	Initial clinical assessment of CT-MRI image fusion software in localization of the prostate for 3D conformal radiation therapy. *International Journal of Radiation Oncology Biology Physics*, **1997**, 38, 319-25	4	133
28	Urinary incontinence following external-beam radiotherapy for clinically localized prostate cancer. *Urology*, **1996**, 48, 95-9	1.6	39
27	Patterns-of-failure analysis of patients with high pretreatment prostate-specific antigen levels treated by radiation therapy: the need for improved systemic and locoregional treatment. *Journal of Clinical Oncology*, **1996**, 14, 1093-7	2.2	29
26	Intra- and interfractional reproducibility of tangential breast fields: a prospective on-line portal imaging study. *International Journal of Radiation Oncology Biology Physics*, **1996**, 34, 733-40	4	65

25	Pretreatment prostate-specific antigen doubling times: clinical utility of this predictor of prostate cancer behavior. *International Journal of Radiation Oncology Biology Physics*, **1996**, 34, 549-53	4	62
24	Lateral rectal shielding reduces late rectal morbidity following high dose three-dimensional conformal radiation therapy for clinically localized prostate cancer: further evidence for a significant dose effect. *International Journal of Radiation Oncology Biology Physics*, **1996**, 35, 251-7	4	164
23	Conformal technique dose escalation for prostate cancer: biochemical evidence of improved cancer control with higher doses in patients with pretreatment prostate-specific antigen > or = 10 NG/ML. *International Journal of Radiation Oncology Biology Physics*, **1996**, 35, 861-8	4	142
22	Factors influencing incidence of acute grade 2 morbidity in conformal and standard radiation treatment of prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **1995**, 31, 25-9	4	110
21	A heuristic approach to edge detection in on-line portal imaging. *International Journal of Radiation Oncology Biology Physics*, **1995**, 32, 1185-92	4	6
20	Management of adenocarcinoma of the esophagus with chemoradiation alone or chemoradiation followed by esophagectomy: results of sequential nonrandomized phase II studies. *International Journal of Radiation Oncology Biology Physics*, **1995**, 32, 753-61	4	39
19	Incidence of and factors related to late complications in conformal and conventional radiation treatment of cancer of the prostate. *International Journal of Radiation Oncology Biology Physics*, **1995**, 32, 643-9	4	111
18	Localized prostate cancer treated by external-beam radiotherapy alone: serum prostate-specific antigen--driven outcome analysis. *Journal of Clinical Oncology*, **1995**, 13, 464-9	2.2	108
17	Do the current subclassifications of stage T3 adenocarcinoma of the prostate have clinical relevance?. *Urology*, **1995**, 45, 484-9, discussion489-90	1.6	8
16	External beam irradiation of prostate cancer. Conformal treatment techniques and outcomes for the 1990. *Cancer*, **1995**, 75, 1972-1977	6.4	32
15	Conformal treatment of prostate cancer with improved targeting: superior prostate-specific antigen response compared to standard treatment. *International Journal of Radiation Oncology Biology Physics*, **1995**, 32, 325-30	4	78
14	A radiation overdose incident: initial data. *International Journal of Radiation Oncology Biology Physics*, **1995**, 33, 217-24	4	24
13	Postoperative radiation therapy for surgically staged endometrial cancer: impact of time factors (overall treatment time and surgery-to-radiation interval) on outcome. *International Journal of Radiation Oncology Biology Physics*, **1995**, 33, 837-42	4	28
12	Patterns of radiation treatment of elderly patients with prostate cancer. *Cancer*, **1994**, 74, 2174-7	6.4	25
11	Swallowing function in patients with esophageal cancer treated with concurrent radiation and chemotherapy. *Cancer*, **1993**, 71, 281-6	6.4	82
10	Invited review: permanent radiation myelopathy. *British Journal of Radiology*, **1992**, 65, 737-53	3.4	169
9	Radiation apoptosis of serous acinar cells of salivary and lacrimal glands. *Cancer*, **1991**, 67, 1539-43	6.4	156
8	The influence of local control on metastatic dissemination of prostate cancer treated by external beam megavoltage radiation therapy. *Cancer*, **1991**, 68, 2370-7	6.4	111

7	Apoptosis in Irradiated Murine Tumors. *Radiation Research*, **1991**, 127, 308	3.1	142
6	Calibration frequency as determined by analysis of machine stability. *Medical Physics*, **1989**, 16, 84-7	4.4	5
5	Effects of dosimetric and clinical uncertainty on complication-free local tumor control. *Radiotherapy and Oncology*, **1988**, 11, 65-71	5.3	38
4	Inter-tumor heterogeneity and radiation dose-control curves. *Radiotherapy and Oncology*, **1987**, 8, 353-61	5.3	80
3	An explanatory hypothesis for early- and late-effect parameter values in the LQ model. *Radiotherapy and Oncology*, **1987**, 9, 241-8	5.3	46
2	Models in radiotherapy: definition of decision criteria. *Medical Physics*, **1985**, 12, 183-7	4.4	46
1	Models in radiotherapy: volume effects. *Medical Physics*, **1983**, 10, 410-5	4.4	209