Edward C Pennington

List of Publications by Year
in descending order

26 papers	716 citations	840776 11 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	523 citing authors

#	Article	IF	Citations
1	Radiobiological evaluation of organs at risk for electronic high-dose-rate brachytherapy in uveal melanoma: a radiobiological modeling study. Journal of Contemporary Brachytherapy, 2021, 13, 563-574.	0.9	0
2	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.	2.1	13
3	Commissioning of a 3D image€based treatment planning system for high€dose€rate brachytherapy of cervical cancer. Journal of Applied Clinical Medical Physics, 2016, 17, 405-426.	1.9	15
4	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
5	Dosimetric characterization and application of an imaging beam line with a carbon electron target for megavoltage cone beam computed tomography. Medical Physics, 2009, 36, 2181-2192.	3.0	22
6	Radiation therapy plan checks in a paperless clinic. Journal of Applied Clinical Medical Physics, 2009, 10, 43-62.	1.9	57
7	Image-Guided Stereotactic Radiosurgery Using a Specially Designed High-Dose-Rate Linac. Medical Dosimetry, 2007, 32, 134-141.	0.9	15
8	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
9	Effects of vessel geometry and catheter position on dose delivery in intracoronary brachytherapy. IEEE Transactions on Biomedical Engineering, 2003, 50, 1286-1295.	4.2	11
10	Ultrasound-guided extracranial radiosurgery. International Journal of Radiation Oncology Biology Physics, 2003, 55, 1092-1101.	0.8	59
11	Estimating the actual dose delivered by intravascular coronary brachytherapy using geometrically correct 3D modeling. , 2003, , .		3
12	In vivo determination of extra-target doses received from serial tomotherapy. Radiotherapy and Oncology, 2002, 63, 217-222.	0.6	32
13	Ultrasonographic guidance for spinal extracranial radiosurgery: technique and application for metastatic spinal lesions. Neurosurgical Focus, 2001, 11, 1-6.	2.3	14
14	Initial clinical experience with frameless stereotactic radiosurgery: analysis of accuracy and feasibility. International Journal of Radiation Oncology Biology Physics, 2001, 51, 1152-1158.	0.8	93
15	103Pd loaded cartridge air kerma strength verification. Medical Dosimetry, 1999, 24, 73-75.	0.9	4
16	Mixed connective tissue disease and radiation toxicity. , 1997, 79, 612-618.		28
17	Depth dose characteristics of 24-MV x-ray beams at extended SSD. Medical Physics, 1991, 18, 292-294.	3.0	4
18	Analysis of movement of intrathoracic neoplasms using ultrafast computerized tomography. International Journal of Radiation Oncology Biology Physics, 1990, 18, 671-677.	0.8	250

#	Article	IF	Citations
19	Tissue compensators with use of vinyl lead sheets for head and neck portals on 4-MV x rays. Medical Physics, 1990, 17, 481-482.	3.0	2
20	Alopecia associated with unexpected leakage from electron cone. International Journal of Radiation Oncology Biology Physics, 1989, 16, 1637-1641.	0.8	5
21	A Simple Method for Reducing Ovarian Dose During Megavoltage Irradiation of the Breast. Medical Dosimetry, 1989, 14, 269-272.	0.9	0
22	Megavoltage radiation field matching on uneven surface. International Journal of Radiation Oncology Biology Physics, 1988, 15, 1247-1250.	0.8	3
23	Reply to comments of Andrew and Aldrich. Medical Physics, 1988, 15, 421-421.	3.0	0
24	Leakage radiation from electron applicators on a medical accelerator. Medical Physics, 1988, 15, 763-765.	3.0	19
25	Effect of Collimator Setting on the Output of Rectangular Fields from Linear Accelerators. Medical Dosimetry, 1988, 13, 73-75.	0.9	4
26	Dosimetric aspects of a rotating beam splitter used in tangential field breast treatment. Medical Physics, 1987, 14, 879-883.	3.0	1