

Christopher S Melhus

List of Publications by Year in descending order

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27
papers

1,026
citations

516215

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525886

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29
all docs

29
docs citations

29
times ranked

643
citing authors

#	ARTICLE	IF	CITATIONS
1	AAPM recommendations on medical physics practices for ocular plaque brachytherapy: Report of task group 221. Medical Physics, 2020, 47, e92-e124.	1.6	32
2	Dosimetric and radiobiologic comparison of 103 Pd COMS plaque brachytherapy and Gamma Knife radiosurgery for choroidal melanoma. Brachytherapy, 2017, 16, 433-443.	0.2	8
3	Supplement 2 for the 2004 update of the <scp>AAPM</scp> Task Group No. 43 Report: Joint recommendations by the <scp>AAPM</scp> and <scp>GEC</scp>â€œ<scp>ESTRO</scp>. Medical Physics, 2017, 44, e297-e338.	1.6	48
4	Brachytherapy vs. external beam radiotherapy for choroidal melanoma: Survival and patterns-of-care analyses. Brachytherapy, 2016, 15, 216-223.	0.2	24
5	Dosimetric influence of seed spacers and end-weld thickness for permanent prostate brachytherapy. Brachytherapy, 2014, 13, 304-310.	0.2	8
6	Brachytherapy doseâ€œvolume histogram commissioning with multiple planning systems. Journal of Applied Clinical Medical Physics, 2014, 15, 110-120.	0.8	10
7	Dosimetry of ¹²⁵I and ¹⁰³Pd COMS eye plaques for intraocular tumors: Report of Task Group 129 by the AAPM and ABS. Medical Physics, 2012, 39, 6161-6184.	1.6	163
8	Comparison of dose calculation methods for brachytherapy of intraocular tumors. Medical Physics, 2011, 38, 306-316.	1.6	62
9	Treatment planning of a skinâ€œsparing conical breast brachytherapy applicator using conventional brachytherapy software. Medical Physics, 2011, 38, 1519-1525.	1.6	18
10	Improved Eye Plaque Brachytherapy Dosimetry Using Monte Carlo Methods. Nuclear Technology, 2011, 175, 32-39.	0.7	1
11	Analysis of Visual Toxicity After Gamma Knife Radiosurgery for Treatment of Choroidal Melanoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2011, 34, 517-523.	0.6	9
12	Dosimetric characterization of round HDR AccuBoost applicators for breast brachytherapy. Medical Physics, 2009, 36, 5027-5032.	1.6	26
13	Dose De-Escalation With Gamma Knife Radiosurgery in the Treatment of Choroidal Melanoma. International Journal of Radiation Oncology Biology Physics, 2009, 75, 170-176.	0.4	31
14	An approach to using conventional brachytherapy software for clinical treatment planning of	1.6	41
15	Evaluation of highâ€œenergy brachytherapy source electronic disequilibrium and dose from emitted electrons. Medical Physics, 2009, 36, 4250-4256.	1.6	50
16	The impact of prescription depth, dose rate, plaque size, and source loading on the central axis using 103Pd, 125I, and 131Cs. Brachytherapy, 2008, 7, 327-335.	0.2	38
17	COMS eye plaque brachytherapy dosimetry simulations for P103d, I125, and C131s. Medical Physics, 2008, 35, 3364-3371.	1.6	64
18	Equivalent phantom sizes and shapes for brachytherapy dosimetric studies of and. Medical Physics, 2008, 35, 4872-4877.	1.6	36

#	ARTICLE	IF	CITATIONS
19	Supplement to the 2004 update of the AAPM Task Group No. 43 Report. Medical Physics, 2007, 34, 2187-2205.	1.6	197
20	Stereotactic breast brachytherapy applied peripherally using a compression applicator and HDR Ir-192. Brachytherapy, 2007, 6, 80.	0.2	4
21	Approaches to calculating AAPM TG-43 brachytherapy dosimetry parameters for Cs137, I125, Ir192, Pd103, and Yb169 sources. Medical Physics, 2006, 33, 1729-1737.	1.6	88
22	Response to "The need for a dose calibration protocol for brachytherapy sources" [Med. Phys. 34, 367-368 (2007)]. Medical Physics, 2006, 34, 367.	1.6	0
23	Comment on "Update of AAPM Task Group No. 43 Report: A revised AAPM protocol for brachytherapy dose calculations" [Med. Phys. 31, 633-674 (2004)]. Medical Physics, 2005, 32, 1820-1821.	1.6	5
24	Response to "Comment on "Update of AAPM Task Group No. 43 Report: A revised AAPM protocol for brachytherapy dose calculations" [Med. Phys. 31, 633-674 (2004)]. Medical Physics, 2005, 32, 1822-1824.	1.6	8
25	A Radiobiological Model for the Relative Biological Effectiveness of High-Dose-Rate 252Cf Brachytherapy. Radiation Research, 2005, 164, 319-323.	0.7	10
26	Shielding evaluation of a medical linear accelerator vault in preparation for installing a high-dose rate 252Cf remote afterloader. Radiation Protection Dosimetry, 2005, 113, 428-437.	0.4	0
27	Brachytherapy dosimetry parameters calculated for a new 103Pd source. Medical Physics, 2004, 31, 2466-2470.	1.6	32