Krzysztof Slosarek

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2662259/publications.pdf

Version: 2024-02-01

40 papers	598 citations	758635 12 h-index	610482 24 g-index
40 all docs	40 docs citations	40 times ranked	926 citing authors

#	Article	IF	Citations
1	FDXR is a biomarker of radiation exposure in vivo. Scientific Reports, 2018, 8, 684.	1.6	89
2	Extreme heterogeneity of myeloablative total body irradiation techniques in clinical practice: A survey of the Acute Leukemia Working Party of the European Group for Blood and Marrow Transplantation. Cancer, 2014, 120, 2760-2765.	2.0	73
3	Continuous accelerated 7-days-a-week radiotherapy for head-and-neck cancer: Long-term results of Phase III clinical trial. International Journal of Radiation Oncology Biology Physics, 2006, 66, 706-713.	0.4	66
4	Clinical radiobiology of glottic T1 squamous cell carcinoma. International Journal of Radiation Oncology Biology Physics, 1999, 43, 101-106.	0.4	64
5	Antioxidant activity and protective effects against oxidative damage of human cells induced by X-radiation of phenolic glycosides isolated from pepper fruits Capsicum annuum L.. Food Chemistry, 2015, 168, 546-553.	4.2	51
6	Integral dose: Comparison between four techniques for prostate radiotherapy. Reports of Practical Oncology and Radiotherapy, 2015, 20, 99-103.	0.3	29
7	In silico assessment of the dosimetric quality of a novel, automated radiation treatment planning strategy for linac-based radiosurgery of multiple brain metastases and a comparison with robotic methods. Radiation Oncology, 2018, 13, 41.	1.2	26
8	Comparison of dose distribution in IMRT and RapidArc technique in prostate radiotherapy. Reports of Practical Oncology and Radiotherapy, 2012, 17, 347-351.	0.3	23
9	EPID in vivo dosimetry in RapidArc technique. Reports of Practical Oncology and Radiotherapy, 2010, 15, 8-14.	0.3	22
10	Dosimetric comparison of liver tumour radiotherapy in all respiratory phases and in one phase using 4DCT. Radiotherapy and Oncology, 2011, 100, 360-364.	0.3	22
11	EPID dosimetry â€“ configuration and pre-treatment IMRT verification. Reports of Practical Oncology and Radiotherapy, 2007, 12, 307-312.	0.3	17
12	Radiation Planning Index for dose distribution evaluation in stereotactic radiotherapy. Reports of Practical Oncology and Radiotherapy, 2008, 13, 182-186.	0.3	13
13	Effect of depth on radiation-induced cell damage in a water phantom. Reports of Practical Oncology and Radiotherapy, 2005, 10, 37-41.	0.3	10
14	Bystander effects induced by direct and scattered radiation generated during penetration of medium inside a water phantom. Reports of Practical Oncology and Radiotherapy, 2011, 16, 256-261.	0.3	9
15	Anatomy-corresponding method of IMRT verification. Reports of Practical Oncology and Radiotherapy, 2011, 16, 1-9.	0.3	8
16	Clinical examples of 3D dose distribution reconstruction, based on the actual MLC leaves movement, for dynamic treatment techniques. Reports of Practical Oncology and Radiotherapy, 2014, 19, 420-427.	0.3	8
17	Can high dose rates used in cancer radiotherapy change therapeutic effectiveness?. Wspolczesna Onkologia, 2016, 6, 449-452.	0.7	8
18	Linear array measurements of enhanced dynamic wedge and treatment planning system (TPS) calculation for 15 MV photon beam and comparison with electronic portal imaging device (EPID) measurements. Radiology and Oncology, 2010, 44, 199-206.	0.6	7

#	Article	IF	Citations
19	The importance of the implant quality in APBI â€“ Gliwice experience. Dosimetric evaluation. Journal of Contemporary Brachytherapy, 2013, 4, 227-231.	0.4	7
20	Beam rate influence on dose distribution and fluence map in IMRT dynamic technique. Reports of Practical Oncology and Radiotherapy, 2012, 17, 97-103.	0.3	6
21	Tandem autologous hematopoietic cell transplantation with sequential use of total marrow irradiation and high-dose melphalan in multiple myeloma. Bone Marrow Transplantation, 2021, 56, 1297-1304.	1.3	6
22	Comparison of 2D- and 3D-guided implantation in accelerated partial breast irradiation (APBI). Journal of Contemporary Brachytherapy, 2009, 1, 207-210.	0.4	6
23	Quality Assurance of TPS: comparison of dose calculation for stereotactic patients in Eclipse and iPlan RT Dose. Reports of Practical Oncology and Radiotherapy, 2009, 14, 5-10.	0.3	5
24	Real time brachytherapy for prostate cancer â€“ A new challenge for medical physicists. Reports of Practical Oncology and Radiotherapy, 2005, 10, 255-259.	0.3	4
25	Comparison of Traditional and Simultaneous IMRT Boost Technique Basing on Therapeutic Gain Calculation. Medical Dosimetry, 2008, 33, 299-302.	0.4	3
26	Real-time brachytherapy for prostate cancer â€“ implant analysis. Reports of Practical Oncology and Radiotherapy, 2008, 13, 9-14.	0.3	3
27	Portal dosimetry in radiotherapy repeatability evaluation. Journal of Applied Clinical Medical Physics, 2021, 22, 156-164.	0.8	2
28	EPID â€“ a useful interfraction QC tool. Polish Journal of Medical Physics and Engineering, 2019, 25, 221-228.	0.2	2
29	WpÅ‚yw energii wiÄ…zek fotonowych na rozkÅ‚ad dawek dla planÃ³w IMRT i VMAT. Nowotwory, 2014, 64, 230-236.	0.1	2
30	Radiobiological rationale for Stereotactic Hypofractionated Radiosurgery (SHRS) Part I. LQED2 or BED formalism. Nowotwory, 2018, 68, 8-14.	0.1	2
31	Techniki dynamiczne generujÄ…ce zrÃ³Å¼nicowany rozkÅ‚ad dawki promieniowania w radioterapii. Reports of Practical Oncology and Radiotherapy, 2003, 8, 9-83.	0.3	1
32	Pitfalls in IMRT treatment planning with the CadPlan-Helios system. Medical Dosimetry, 2004, 29, 179-183.	0.4	1
33	Two-dimensional imaging of tumour control probabilities and normal tissue complication probabilities. Reports of Practical Oncology and Radiotherapy, 2010, 15, 31-39.	0.3	1
34	Dose specification in External Beam Radiotherapy for CyberKnife and VMAT techniques applied to a case of prostate cancer. Nowotwory, 2017, 66, 375-380.	0.1	1
35	Napromienianie szpiku caÅ‚ego ciaÅ‚a â€” prezentacja metody. Nowotwory, 2014, 64, 314-320.	0.1	1
36	Stereotactic radiosurgery of prostate cancer â€“ dose distribution for VMAT and CyberKnife techniques. Polish Journal of Medical Physics and Engineering, 2016, 22, 35-40.	0.2	0

#	Article	IF	Citations
37	IMRT/VMAT dose distributions generated for HD and Millennium collimators TrueBeam and Clinac accelerators. Reports of Practical Oncology and Radiotherapy, 2019, 24, 20-27.	0.3	0
38	Endovascular Gamma Irradiation of the Iliac Arteries:1-Year Results From a Clinical Safety and Feasibility Study. Journal of Endovascular Therapy, 2003, 10, 573-576.	0.8	0
39	Dynamic-arc respiratory-gated stereotactic radiotherapy â€" technique presentation. Nowotwory, 2018, 67, 297-300.	0.1	0
40	Radiobiological rationale for stereotactic hypofractionated radiosurgery Part II. Normal tissue tolerance â€" dose constraints. Nowotwory, 2018, 68, 79-86.	0.1	0