Paolo Francescon

List of Publications by Year
in descending order

32 papers	1,753 citations	279798 23 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	1567 citing authors

#	Article	IF	Citations
1	Report of AAPM Task Group 155: Megavoltage photon beam dosimetry in small fields and nonâ€equilibrium conditions. Medical Physics, 2021, 48, e886-e921.	3.0	50
2	Small field dosimetry: What have we learnt?. AIP Conference Proceedings, 2016, , .	0.4	18
3	Multicenter evaluation of a synthetic single-crystal diamond detector for CyberKnife small field size output factors. Physica Medica, 2016, 32, 575-581.	0.7	30
4	CyberKnife beam output factor measurements: A multi-site and multi-detector study. Physica Medica, 2016, 32, 1637-1643.	0.7	35
5	Variation of kQclin,Qmsrfclin,fmsr for the smallâ€field dosimetric parameters percentage depth dose, tissueâ€maximum ratio, and offâ€axis ratio. Medical Physics, 2014, 41, 101708.	3.0	73
6	Chemoradiation treatment with gemcitabine plus stereotactic body radiotherapy for unresectable, non-metastatic, locally advanced hilar cholangiocarcinoma. Results of a five year experience. Radiotherapy and Oncology, 2011, 99, 120-123.	0.6	79
7	Quality assurance of volumetric modulated arc therapy: Evaluation and comparison of different dosimetric systems. Medical Physics, 2011, 38, 612-621.	3.0	71
8	Calculation of for several small detectors and for two linear accelerators using Monte Carlo simulations. Medical Physics, 2011, 38, 6513-6527.	3.0	141
9	Unresectable Locally Advanced Pancreatic Cancer: A Multimodal Treatment Using Neoadjuvant Chemoradiotherapy (Gemcitabine Plus Stereotactic Radiosurgery) and Subsequent Surgical Exploration. Annals of Surgical Oncology, 2010, 17, 2092-2101.	1.5	154
10	Direct tumorin vivodosimetry in highly-conformal radiotherapy: A feasibility study of implantable MOSFETs for hypofractionated extracranial treatments using the CyberknifeÂ®system. Medical Physics, 2010, 37, 1413-1423.	3.0	11
11	Application of a Monte Carloâ€based method for total scatter factors of small beams to new solid state microâ€detectors. Journal of Applied Clinical Medical Physics, 2009, 10, 147-152.	1.9	28
12	Early results of CyberKnife radiosurgery for arteriovenous malformations. Journal of Neurosurgery, 2009, 111, 807-819.	1.6	61
13	CYBERKNIFE RADIOSURGERY FOR BENIGN MENINGIOMAS. Neurosurgery, 2009, 64, A7-A13.	1.1	98
14	Performance of a Motion Tracking System During Cyberknife Robotic Radiosurgery. , 2009, , .		1
15	Image-guided robotic stereotactic radiosurgery for unresectable liver metastases: preliminary results. Anticancer Research, 2009, 29, 3381-4.	1.1	69
16	Total scatter factors of small beams: A multidetector and Monte Carlo study. Medical Physics, 2008, 35, 504-513.	3.0	121
17	BOLD FMRI integration into radiosurgery treatment planning of cerebral vascular malformations. Medical Physics, 2007, 34, 1176-1184.	3.0	29
18	Use of motion tracking in stereotactic body radiotherapy: Evaluation of uncertainty in off-target dose distribution and optimization strategies. Acta OncolÃ³gica, 2006, 45, 943-947.	1.8	49

#	Article	IF	Citations
19	Arteriovenous Malformation Radiosurgery: Evolution of the Technique. , 2006, 6, 1-11.		1
20	Characterization of a new MOSFET detector configuration for in vivo skin dosimetry. Medical Physics, 2005, 32, 1571-1578.	3.0	44
21	Development and validation of a CT-3D rotational angiography registration method for AVM radiosurgery. Medical Physics, 2004, 31, 1363-1371.	3.0	25
22	Dose verification of an IMRT treatment planning system with theBEAM EGS4-based Monte Carlo code. Medical Physics, 2003, 30, 144-157.	3.0	45
23	Three-dimensional angiography for radiosurgical treatment planning for arteriovenous malformations. Journal of Neurosurgery, 2003, 98, 536-543.	1.6	44
24	Stereotactic Interstitial Radiosurgery with a Miniature X-Ray Device in the Minimally Invasive Treatment of Selected Tumors in the Thalamus and the Basal Ganglia. Stereotactic and Functional Neurosurgery, 2002, 79, 202-213.	1.5	12
25	Photon dose calculation of a three-dimensional treatment planning system compared to the Monte Carlo code BEAM. Medical Physics, 2000, 27, 1579-1587.	3.0	56
26	A simple method to verify in vivo the accuracy of target coordinates in linear accelerator radiosurgery. International Journal of Radiation Oncology Biology Physics, 1998, 41, 951-954.	0.8	8
27	Use of a new type of radiochromic film, a new parallel-plate micro-chamber, MOSFETs, and TLD 800 microcubes in the dosimetry of small beams. Medical Physics, 1998, 25, 503-511.	3.0	95
28	Linear Accelerator Radiosurgery of Cerebral Arteriovenous Malformations. Neurosurgery, 1994, 34, 14-21.	1.1	246
29	Diagnostic features of body surface potential maps in patients with myocardial ischemia and normal resting 12-lead electrocardiograms. American Journal of Cardiology, 1990, 65, 973-979.	1.6	3
30	Severity of arrhythmias and extent of hypertrophy in hypertrophic cardiomyopathy. American Heart Journal, 1989, 118, 734-738.	2.7	8
31	Electrocardiographic Abnormalities in Hypertrophic Cardiomyopathy: Its Relation to the Extent of Myocardial Hypertrophy. American Journal of Noninvasive Cardiology, 1988, 2, 199-204.	0.1	5
32	Body surface maps in left bundle branch block uncomplicated or complicated by myocardial infarction, left ventricular hypertrophy or myocardial ischemia. Journal of Electrocardiology, 1987, 20, 1-20.	0.9	36