Carlo Cavedon

List of Publications by Year
in descending order

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40 papers	1,387 citations	430874 18 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	1730 citing authors

#	Article	IF	Citations
1	Computed tomography-based radiomic to predict resectability in locally advanced pancreatic cancer treated with chemotherapy and radiotherapy. World Journal of Gastrointestinal Oncology, 2022, 14, 703-715.	2.0	4
2	A phase II trial proposal of total neoadjuvant treatment with primary chemotherapy, stereotactic body radiation therapy, and intraoperative radiation therapy in borderline resectable pancreatic adenocarcinoma. BMC Cancer, 2021, 21, 165.	2.6	2
3	Risk Adapted Ablative Radiotherapy After Intensive Chemotherapy for Locally Advanced Pancreatic Cancer. Frontiers in Oncology, 2021, 11, 662205.	2.8	7
4	CT radiomic models to distinguish COVID-19 pneumonia from other interstitial pneumonias. Radiologia Medica, 2021, 126, 1037-1043.	7.7	18
5	Long-Term Outcomes Using Electron IOERT APBI for Early Stage Breast Cancer: The Verona University Hospital Experience. Clinical Breast Cancer, 2021, , .	2.4	0
6	18F-FDG PET/CT Metrics Are Correlated to the Pathological Response in Esophageal Cancer Patients Treated With Induction Chemotherapy Followed by Neoadjuvant Chemo-Radiotherapy. Frontiers in Oncology, 2020, 10, 599907.	2.8	16
7	Dosimetric Feasibility Study of Dose Escalated Stereotactic Body Radiation Therapy (SBRT) in Locally Advanced Pancreatic Cancer (LAPC) Patients: It Is Time to Raise the Bar. Frontiers in Oncology, 2020, 10, 600940.	2.8	13
8	Real-time control of respiratory motion: Beyond radiation therapy. Physica Medica, 2019, 66, 104-112.	0.7	13
9	Molecular Guidance for Planning External Beam Radiation Therapy. , 2019, , 977-1006.		3
10	Is there a correlation between 3T multiparametric MRI and molecular subtypes of breast cancer?. European Journal of Radiology, 2018, 108, 120-127.	2.6	34
11	Texture analysis of 3D dose distributions for predictive modelling of toxicity rates in radiotherapy. Radiotherapy and Oncology, 2018, 129, 548-553.	0.6	89
12	1H-MR spectroscopy of suspicious breast mass lesions at 3T: a clinical experience. Radiologia Medica, 2017, 122, 161-170.	7.7	17
13	Dosimetric characterization and behaviour in small X-ray fields of a microchamber and a plastic scintillator detector. British Journal of Radiology, 2017, 90, 20160596.	2.2	13
14	Clinical Breast MR Using MRS or DWI: Who Is the Winner?. Frontiers in Oncology, 2016, 6, 217.	2.8	30
15	A Dirichlet process mixture model for automatic¹⁸F-FDG PET image segmentation: Validation study on phantoms and on lung and esophageal lesions. Medical Physics, 2016, 43, 2491-2507.	3.0	6
16	High-field MR spectroscopy in the multiparametric MRI evaluation of breast lesions. Physica Medica, 2016, 32, 1707-1711.	0.7	10
17	Stereotactic body radiation therapy for a new lung cancer arising after pneumonectomy: dosimetric evaluation and pulmonary toxicity. British Journal of Radiology, 2015, 88, 20150228.	2.2	15
18	Optimized PET Imaging for 4D Treatment Planning in Radiotherapy: the Virtual 4D PET Strategy. Technology in Cancer Research and Treatment, 2015, 14, 99-110.	1.9	8

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19	Single-energy low-voltage arterial phase MDCT scanning increases conspicuity of adenocarcinoma of the pancreas. European Journal of Radiology, 2014, 83, e113-e117.	2.6	20
20	First human Cerenkography. Journal of Biomedical Optics, 2013, 18, 020502.	2.6	139
21	Accelerated Partial Breast Irradiation Using Only Intraoperative Electron Radiation Therapy in Early Stage Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 84, e145-e152.	0.8	23
22	Low voltage CTPA for patients with suspected pulmonary embolism. European Journal of Radiology, 2012, 81, e580-e584.	2.6	20
23	Report of AAPM TG 135: Quality assurance for robotic radiosurgery. Medical Physics, 2011, 38, 2914-2936.	3.0	196
24	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
25	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
26	Early results of CyberKnife radiosurgery for arteriovenous malformations. Journal of Neurosurgery, 2009, 111, 807-819.	1.6	61
27	CYBERKNIFE RADIOSURGERY FOR BENIGN MENINGIOMAS. Neurosurgery, 2009, 64, A7-A13.	1.1	98
28	Performance of a Motion Tracking System During Cyberknife Robotic Radiosurgery. , 2009, , .		1
29	Relevance of Biologically Equivalent Dose Values in Outcome Evaluation of Stereotactic Radiotherapy for Lung Nodules. International Journal of Radiation Oncology Biology Physics, 2008, 71, 145-151.	0.8	13
30	Cone Beam CT Image Guidance for Intracranial Stereotactic Treatments: Comparison With a Frame Guided Set-Up. International Journal of Radiation Oncology Biology Physics, 2008, 71, 926-933.	0.8	74
31	Total scatter factors of small beams: A multidetector and Monte Carlo study. Medical Physics, 2008, 35, 504-513.	3.0	121
32	BOLD FMRI integration into radiosurgery treatment planning of cerebral vascular malformations. Medical Physics, 2007, 34, 1176-1184.	3.0	29
33	Arteriovenous Malformation Radiosurgery: Evolution of the Technique. , 2006, 6, 1-11.		1
34	Three-dimensional rotational angiography (3DRA) adds substantial information to radiosurgery treatment planning of AVM'S compared to angio-CT and angio-MR. Medical Physics, 2004, 31, 2181-2183.	3.0	5
35	Development and validation of a CT-3D rotational angiography registration method for AVM radiosurgery. Medical Physics, 2004, 31, 1363-1371.	3.0	25
36	Three-dimensional angiography for radiosurgical treatment planning for arteriovenous malformations. Journal of Neurosurgery, 2003, 98, 536-543.	1.6	44

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37	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
38	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
39	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
40	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