

Kalliopi Platoni

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

385
citations

840776

11
h-index

888059

17
g-index

50
all docs

50
docs citations

50
times ranked

546
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Ionizing Radiation for Diagnosis and Treatment against COVID-19: Evidence and Considerations. <i>Cells</i> , 2022, 11, 467.	4.1	5
2	Quantification of Nanoscale Dose Enhancement in Gold Nanoparticle-Aided External Photon Beam Radiotherapy. <i>Cancers</i> , 2022, 14, 2167.	3.7	9
3	Implementation of TGâ€218 for patientâ€™specific quality assurance tolerance and action limits determination: Gamma passing rate evaluation using 3DVH software. <i>Medical Physics</i> , 2022, 49, 4322-4334.	3.0	2
4	Host cystathionine-Î³ lyase derived hydrogen sulfide protects against <i>Pseudomonas aeruginosa</i> sepsis. <i>PLoS Pathogens</i> , 2021, 17, e1009473.	4.7	12
5	Moderate Hypofractionated Radiotherapy for Localized Prostate Cancer: The Triumph of Radiobiology. <i>Reviews on Recent Clinical Trials</i> , 2021, 16, 351-371.	0.8	2
6	Deformable image registration to assist clinical decision for radiotherapy treatment adaptation for head and neck cancer patients. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 055012.	1.2	3
7	The need for a dose constraint in hip prosthesis to minimize later hip dysfunction. A retrospective analysis of relevant cases. <i>Medical Dosimetry</i> , 2021, 46, 279-282.	0.9	1
8	Stereotactic Arrhythmia Radioablation as a Novel Treatment Approach for Cardiac Arrhythmias: Facts and Limitations. <i>Biomedicines</i> , 2021, 9, 1461.	3.2	0
9	Low dose total skin electron beam therapy for the management of T cell cutaneous lymphomas. <i>Dermatologic Therapy</i> , 2020, 33, e13478.	1.7	2
10	Radiation therapy for the prevention of heterotopic ossification: Efficacy and toxicity of single fraction radiotherapy. <i>Orthopedic Reviews</i> , 2020, 12, 8577.	1.3	10
11	Three dimensional printed electron beam modifier for total skin electron treatments. <i>Medical Dosimetry</i> , 2019, 44, 173-178.	0.9	3
12	Treatment plan verification: A review on the comparison of dose distributions. <i>Physica Medica</i> , 2019, 67, 107-115.	0.7	16
13	Clinical application of Total Skin Electron Beam (TSEB) therapy for the management of T cell cutaneous lymphomas. The evolving role of low dose (12â€™Gy) treatment schedule. <i>Clinical and Translational Radiation Oncology</i> , 2019, 15, 26-30.	1.7	8
14	Probing the Effects of Ionizing Radiation on Young's Modulus of Human Erythrocytes Cytoskeleton using Atomic Force Microscopy. <i>Journal of Medical Physics</i> , 2019, 44, 113-117.	0.3	3
15	Isocenter Verification in Radiotherapy Clinical Practice Using Virtual Simulation. , 2019, , 863-884.		0
16	Theoretical and experimental determination of scaling factors in electron dosimetry for 3Dâ€™printed polylactic acid. <i>Medical Physics</i> , 2018, 45, 1708-1714.	3.0	10
17	A novel Hemi-Body Irradiation technique using electron beams (HBeâ€™). <i>Physica Medica</i> , 2018, 46, 16-24.	0.7	5
18	DIRECT MEASUREMENTS OF SKIN, EYE LENS AND THYROID DOSE DURING PEDIATRIC BRAIN CT EXAMINATIONS. <i>Radiation Protection Dosimetry</i> , 2018, 179, 199-205.	0.8	7

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19	Participation of women medical Physicists in European scientific events: The European experience. <i>Physica Medica</i> , 2018, 46, 104-108.	0.7	4
20	Functional MRI Study to Examine Possible Emotional Connectedness in Identical Twins: A Case Study. <i>Explore: the Journal of Science and Healing</i> , 2018, 14, 86-91.	1.0	5
21	First application of hemi-body electron beam irradiation for Kaposi sarcoma at the lower extremities. <i>Journal of B U on</i> , 2018, 23, 268-272.	0.4	2
22	Nanoparticles: nanotoxicity aspects. <i>Journal of Physics: Conference Series</i> , 2017, 931, 012020.	0.4	6
23	Isocenter Verification in Radiotherapy Clinical Practice Using Virtual Simulation. , 2017, , 689-708.		0
24	Isocenter Verification in Radiotherapy Clinical Practice Using Virtual Simulation. , 2017, , 1703-1724.		0
25	The impact of dose matrix and voxel dimensions to dose calculation for stereotactic radiosurgery. <i>Journal of B U on</i> , 2017, 22, 1307-1313.	0.4	0
26	A Retrospective Analysis of Toxicity and Efficacy for 2 Hypofractionated Irradiation Schedules Versus a Conventional One for Post-Mastectomy Adjuvant Radiotherapy in Breast Cancer. <i>Breast Care</i> , 2016, 11, 328-332.	1.4	13
27	Verification of auto field alignment treatment planning tool by using in vivo dosimetry in breast and supraclavicular matching region. <i>Physica Medica</i> , 2016, 32, 299.	0.7	0
28	Isocenter Verification in Radiotherapy Clinical Practice Using Virtual Simulation. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2016, , 211-230.	0.1	0
29	A new hypofractionated schedule of weekly irradiation for basal cell carcinoma of the head and neck skin area in elderly patients. <i>Dermatologic Therapy</i> , 2014, 27, 127-130.	1.7	11
30	First treatment of mycosis fungoides by total skin electron beam (TSEB) therapy in Greece. <i>Reports of Practical Oncology and Radiotherapy</i> , 2014, 19, 114-119.	0.6	8
31	A hypofractionated radiotherapy schedule with 57.75Gy in 21 fractions for T1-2N0 prostate carcinoma: Analysis of late toxicity and efficacy. <i>Journal of B U on</i> , 2014, 19, 763-9.	0.4	1
32	Feasibility and radiation induced toxicity regarding the first application of transperineal implementation of biocompatible balloon for high dose radiotherapy in patients with prostate carcinoma. <i>Radiation Oncology</i> , 2013, 8, 82.	2.7	8
33	Radiotherapy in conjunction with superficial and intracavitary hyperthermia for the treatment of solid tumors: survival and thermal parameters. <i>Clinical and Translational Oncology</i> , 2013, 15, 95-105.	2.4	22
34	The Treatment Outcome and Radiation-Induced Toxicity for Patients with Head and Neck Carcinoma in the IMRT Era: A Systematic Review with Dosimetric and Clinical Parameters. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	50
35	Evaluation of acute/late toxicity and local recurrence in T1-T2 glottic carcinoma treated with accelerated hypofractionated 3D-conformal external beam radiotherapy (3D-CRT). <i>Radiology and Oncology</i> , 2013, 47, 185-191.	1.7	3
36	Three-Dimensional Conformal Radiotherapy for Hepatocellular Carcinoma in Patients Unfit for Resection, Ablation, or Chemotherapy: A Retrospective Study. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	2.1	15

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37	Transformation of Physical DVHs to Radiobiologically Equivalent Ones in Hypofractionated Radiotherapy Analyzing Dosimetric and Clinical Parameters: A Practical Approach for Routine Clinical Practice in Radiation Oncology. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-8.	1.3	4
38	First application of total skin electron beam irradiation in Greece: Setup, measurements and dosimetry. <i>Physica Medica</i> , 2012, 28, 174-182.	0.7	18
39	Clinical implementation of total skin electron beam (TSEB) therapy: A review of the relevant literature. <i>Physica Medica</i> , 2011, 27, 62-68.	0.7	35
40	Assessment of contralateral mammary gland dose in the treatment of breast cancer using accelerated hypofractionated radiotherapy. <i>World Journal of Radiology</i> , 2011, 3, 233.	1.1	6
41	Hypofractionated Radiotherapy in Non Small Cell Lung Cancer: A Review of the Current Literature. <i>Reviews on Recent Clinical Trials</i> , 2010, 5, 103-111.	0.8	23
42	Embryonal rhabdomyosarcoma of the uterine cervix. <i>Clinical and Translational Oncology</i> , 2009, 11, 399-402.	2.4	17
43	Accelerated Hypofractionated Radiotherapy Schedules in Breast Cancer: A Review of the Current Literature. <i>Reviews on Recent Clinical Trials</i> , 2009, 4, 147-151.	0.8	5
44	Dose-volume Analysis of Different Stereotactic Radiotherapy Mono-isocentric Techniques. <i>Acta Oncologica</i> , 2000, 39, 157-163.	1.8	5
45	Investigation of ROC analysis for inverse treatment planning evaluation. , 2000, , 20-22.		0
46	Study of Ill-conditioning of Linac Stereotactic Irradiation Subspaces using Singular Values Decomposition Analysis. <i>Acta Oncologica</i> , 1999, 38, 581-590.	1.8	1
47	A computerized dosimetric database for conformal stereotactic irradiations. <i>Medical Physics</i> , 1999, 26, 524-532.	3.0	0
48	Title is missing!. <i>Journal of Radiosurgery</i> , 1999, 2, 95-105.	0.1	3
49	Use of a General Inverse Technique for the Conformational Stereotactic Treatment of Complex Intracranial Lesions. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 41, 69-76.	0.8	20