

# Maria Quarto

## List of Publications by Year in descending order

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papers

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516710  
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docs citations

46  
times ranked

940  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protons Interaction with Nomex Target: Secondary Radiation from a Monte Carlo Simulation with Geant4. Applied Sciences (Switzerland), 2022, 12, 2643.	2.5	5
2	Indoor Radon Monitoring in Kindergarten and Primary Schools in South Italy. Atmosphere, 2022, 13, 478.	2.3	10
3	Dose-Tracking Software: A Retrospective Analysis of Dosimetric Data in CT Procedures. Health Physics, 2022, 122, 548-555.	0.5	1
4	SBRT for Localized Prostate Cancer: CyberKnife vs. VMAT-FFF, a Dosimetric Study. Life, 2022, 12, 711.	2.4	6
5	Monte Carlo Simulations in Aviation Contrail Study: A Review. Applied Sciences (Switzerland), 2022, 12, 5885.	2.5	0
6	Occurrence of quantitative genetic polymorphism at the caprine $\beta$ -CN locus, as determined by a proteomic approach. International Dairy Journal, 2021, 112, 104855.	3.0	3
7	Indoor Radon Concentration and Risk Assessment in 27 Districts of a Public Healthcare Company in Naples, South Italy. Life, 2021, 11, 178.	2.4	12
8	Quest for New Data: Ionizing Radiation Metrology in the Presence of Laser-Assisted Scattering Processes. Photonics, 2021, 8, 94.	2.0	0
9	Radon risk mapping: A new geostatistical method based on Lorenz Curve and Gini index. Journal of Environmental Radioactivity, 2021, 233, 106612.	1.7	9
10	Sorrentina Peninsula: Geographical Distribution of the Indoor Radon Concentrations in Dwellings – Gini Index Application. Applied Sciences (Switzerland), 2021, 11, 7975.	2.5	3
11	Dosimetric comparison among cyberknife, helical tomotherapy and VMAT for hypofractionated treatment in localized prostate cancer. Medicine (United States), 2020, 99, e23574.	1.0	11
12	A new geostatistical tool for the analysis of the geographical variability of the indoor radon activity. Nukleonika, 2020, 65, 99-104.	0.8	13
13	CHARACTERIZATION OF A SMALL FOV PORTABLE GC: MediPROBE. Radiation Protection Dosimetry, 2019, 183, 290-296.	0.8	2
14	Peptidomic study on in vitro and in vivo phosphopeptide release during the chewing of gum fortified with a commercial casein hydrolysate. International Dairy Journal, 2018, 79, 78-84.	3.0	10
15	Evaluation of Dose Homogeneity in Cone-Beam Breast Computed Tomography. Radiation Protection Dosimetry, 2017, 175, 473-481.	0.8	4
16	Thirty years after Chernobyl: Long-term determination of $^{137}\text{Cs}$ effective half-life in the lichen <i>Stereocaulon vesuvianum</i> . Journal of Environmental Radioactivity, 2017, 172, 201-206.	1.7	17
17	Validation of electromagnetic and hadronic physical processes in the interaction of a proton beam with matter: A Solar Particle Events case study with an Al slab. Advances in Space Research, 2017, 59, 393-400.	2.6	6
18	SIGNAL DECOMPOSITION AND ANALYSIS FOR THE IDENTIFICATION OF PERIODIC AND ANOMALOUS PHENOMENA IN RADON TIME-SERIES. Radiation Protection Dosimetry, 2017, 177, 202-206.	0.8	22

#	ARTICLE	IF	CITATIONS
19	Indoor radon exposure and lung cancer risk: a meta-analysis of case-control studies. <i>Translational Cancer Research</i> , 2017, 6, S934-S943.	1.0	28
20	Indoor radon concentration and gamma dose rate in dwellings of the Province of Naples, South Italy, and estimation of the effective dose to the inhabitants. <i>Radioprotection</i> , 2016, 51, 31-36.	1.0	13
21	Indoor radon activity concentration measurements in the great historical museums of University of Naples, Italy. <i>Radiation Protection Dosimetry</i> , 2016, 168, 116-123.	0.8	13
22	X-RAY IRRADIATION AFFECTS MORPHOLOGY, PROLIFERATION AND MIGRATION RATE OF HEALTHY AND CANCER CELLS. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1540022.	0.7	10
23	Radon concentrations in air and water in the thermal spas of Ischia Island. <i>Indoor and Built Environment</i> , 2014, 23, 823-827.	2.8	20
24	$^{222}\text{Rn}$ + $^{220}\text{Rn}$ monitoring by alpha spectrometry. <i>Radiation Protection Dosimetry</i> , 2014, 160, 173-176.	0.8	6
25	Results of nDOSE and HiDOSE Experiments for Dosimetric Evaluation During STS-134 Mission. <i>Microgravity Science and Technology</i> , 2014, 25, 353-358.	1.4	2
26	Radon measurements and effective dose from radon inhalation estimation in the Neapolitan catacombs. <i>Radiation Protection Dosimetry</i> , 2014, 158, 442-446.	0.8	16
27	Realization and characterization of a $^{220}\text{Rn}$ source for calibration purposes. <i>Applied Radiation and Isotopes</i> , 2013, 81, 221-225.	1.5	4
28	Gamma dose rate measurements in dwellings of Campania region, South Italy. <i>Journal of Environmental Radioactivity</i> , 2013, 115, 114-117.	1.7	15
29	Indoor radon concentration measurements in some dwellings of the Penisola Sorrentina, South Italy. <i>Radiation Protection Dosimetry</i> , 2013, 156, 207-212.	0.8	22
30	BIOKIS: A Model Payload for Multidisciplinary Experiments in Microgravity. <i>Microgravity Science and Technology</i> , 2012, 24, 397-409.	1.4	22
31	Immunophenotyping analysis in invasive micropapillary carcinoma of the breast: Role of CD24 and CD44 isoforms expression. <i>Breast</i> , 2012, 21, 165-170.	2.2	18
32	Impact of Chronic Aspirin and Statin Therapy on Presentation of Patients With Acute Myocardial Infarction and Impaired Renal Function. <i>Preventive Cardiology</i> , 2010, 13, 18-22.	1.1	12
33	PTPD1 Supports Receptor Stability and Mitogenic Signaling in Bladder Cancer Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 39260-39270.	3.4	43
34	Hematoporphyrin-mediated fluorescence reflectance imaging: application to early tumor detection in vivo in small animals. <i>Lasers in Medical Science</i> , 2009, 24, 284-289.	2.1	4
35	Results of the first 5 years of a study on year-to-year variations of radon concentration in Italian dwellings. <i>Radiation Measurements</i> , 2009, 44, 1064-1068.	1.4	22
36	A Simple Noninvasive Score Predicts Gastroesophageal Varices in Patients With Chronic Viral Hepatitis. <i>Journal of Clinical Gastroenterology</i> , 2009, 43, 81-87.	2.2	32

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37	Radon survey in the high natural radiation region of NiÅ¼ka Banja, Serbia. Journal of Environmental Radioactivity, 2007, 92, 165-174.	1.7	35
38	High natural radiation exposure in radon spa areas: a detailed field investigation in NiÅ¼ka Banja (Balkan) Tj ETQq0 0,0 rgBT /Overlock 10	1.7	49
39	Residential radon exposure, diet and lung cancer: A case-control study in a Mediterranean region. International Journal of Cancer, 2005, 114, 983-991.	5.1	51
40	Quality assurance program for LR 115 based radon concentration measurements in a case-control study: description and results. Radiation Measurements, 2003, 36, 205-210.	1.4	18
41	Molecular aspects of photodynamic therapy: low energy pre-sensitization of hypericin-loaded human endometrial carcinoma cells enhances photo-tolerance, alters gene expression and affects the cell cycle. FEBS Letters, 2002, 512, 287-290.	2.8	12
42	Photo-activation of hypericin with low doses of light promotes apparent photo-resistance in human histiocytic lymphoma U937 cells. Journal of Photochemistry and Photobiology B: Biology, 2001, 60, 87-96.	3.8	11
43	Photodynamic therapy with topical Î-aminolaevulinic acid for the treatment of plantar warts. Journal of Photochemistry and Photobiology B: Biology, 2001, 61, 30-34.	3.8	96
44	Multiple processor version of a Monte Carlo code for photon transport in turbid media. Computer Physics Communications, 2000, 132, 84-93.	7.5	27
45	Hypericin photosensitization of tumor and metastatic cell lines of human prostate. Journal of Photochemistry and Photobiology B: Biology, 2000, 54, 103-107.	3.8	42
46	In vitro photo-activation of newly synthesized chlorin derivatives with red-light-emitting diodes. Journal of Photochemistry and Photobiology B: Biology, 1997, 38, 54-60.	3.8	11