

# Dario Faj

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

521  
citations

840776

11  
h-index

713466

21  
g-index

54  
all docs

54  
docs citations

54  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo calculation of organ and effective doses due to photon and neutron point sources and typical X-ray examinations: Results of an international intercomparison exercise. <i>Radiation Measurements</i> , 2022, 150, 106695.	1.4	6
2	European consensus on patient contact shielding. <i>Physica Medica</i> , 2022, 96, 198-203.	0.7	5
3	What Is Worth Knowing in Interventional Practices about Medical Staff Radiation Exposure Monitoring: A Review of Recent Outcomes of EURADOS Working Group 12. <i>Environments - MDPI</i> , 2022, 9, 53.	3.3	1
4	Validation of two calculation options built in Elekta Monaco Monte Carlo based algorithm using MCNP code. <i>Radiation Physics and Chemistry</i> , 2021, 179, 109237.	2.8	7
5	Assessment of computed tomography simulators used in radiotherapy treatment planning in Serbia, Croatia, and Bosnia and Herzegovina. <i>Nuclear Technology and Radiation Protection</i> , 2021, 36, 97-106.	0.8	1
6	Use of out-of-field contact shielding on patients in medical imaging: A review of current guidelines, recommendations and legislative documents. <i>Physica Medica</i> , 2021, 86, 44-56.	0.7	15
7	The empirical formula for calculating the incident air Kerma in intraoral radiographic imaging. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20210117.	2.7	1
8	Histological and Radiological Features of a Four-Phase Injectable Synthetic Bone Graft in Guided Bone Regeneration: A Case Report. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 206.	2.6	3
9	European consensus on patient contact shielding. <i>Insights Into Imaging</i> , 2021, 12, 194.	3.4	23
10	CT protocols and radiation doses for hematuria and urinary stones: Comparing practices in 20 countries. <i>European Journal of Radiology</i> , 2020, 126, 108923.	2.6	19
11	The influence of shielding reinforcement in a vault with limited dimensions on the neutron dose equivalent in vicinity of medical electron linear accelerator. <i>Radiology and Oncology</i> , 2020, 54, 247-252.	1.7	0
12	A method of high-resolution radiotherapy delivery fluences with a pair of fields with orthogonal collimator settings: A study on ten head-and-neck cancer patients. <i>Journal of Medical Physics</i> , 2020, 45, 36.	0.3	1
13	Simulation of $H_p(10)$ and effective dose received by the medical staff in interventional radiology procedures. <i>Journal of Radiological Protection</i> , 2019, 39, 809-824.	1.1	14
14	Comparison of calculated dose distributions reported as dose-to-water and dose-to-medium for intensity-modulated radiotherapy of nasopharyngeal cancer patients. <i>Medical Dosimetry</i> , 2018, 43, 363-369.	0.9	3
15	Dose area product in estimation of effective dose of the patients undergoing dental cone beam computed tomography examinations. <i>Journal of Radiological Protection</i> , 2018, 38, 1412-1427.	1.1	7
16	Influence of head cover on the neutron dose equivalent in Monte Carlo simulations of high energy medical linear accelerator. <i>Nuclear Technology and Radiation Protection</i> , 2018, 33, 217-222.	0.8	5
17	Evaluation of two-dimensional dose distributions for pre-treatment patient-specific IMRT dosimetry. <i>Radiology and Oncology</i> , 2018, 52, 346-352.	1.7	3
18	Estimated collective effective dose to the population from nuclear medicine diagnostic procedures in Croatia: A comparison of 2010 and 2015. <i>PLoS ONE</i> , 2017, 12, e0180057.	2.5	9

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19	The influence of field size and off-axis distance on photoneutron spectra of the 18ÂMVÂSiemens Oncor linear accelerator beam. <i>Radiation Measurements</i> , 2016, 93, 28-34.	1.4	17
20	Dosimetric evaluation of Monte Carlo based treatment planning system in antorphomorphic phantom. <i>Physica Medica</i> , 2016, 32, 301.	0.7	0
21	Patient radiation doses during coronary interventions in four Croatian hospitals: 4-y comparison. <i>Radiation Protection Dosimetry</i> , 2015, 165, 259-262.	0.8	1
22	The neutron dose equivalent around high energy medical electron linear accelerators. <i>Nuclear Technology and Radiation Protection</i> , 2014, 29, 207-212.	0.8	4
23	IAEA survey of paediatric computed tomography practice in 40 countries in Asia, Europe, Latin America and Africa: procedures and protocols. <i>European Radiology</i> , 2013, 23, 623-631.	4.5	53
24	Reinforcing of QA/QC programs in radiotherapy departments in Croatia: Results of treatment planning system verification. <i>Medical Dosimetry</i> , 2013, 38, 100-104.	0.9	3
25	Computer-aided evaluation of radiologist's reproducibility and subjectivity in mammographic density assessment. <i>Collegium Antropologicum</i> , 2013, 37, 1121-6.	0.2	0
26	IAEA Survey of Pediatric CT Practice in 40 Countries in Asia, Europe, Latin America, and Africa: Part 1, Frequency and Appropriateness. <i>American Journal of Roentgenology</i> , 2012, 198, 1021-1031.	2.2	47
27	Image quality and dose in mammography in 17 countries in Africa, Asia and Eastern Europe: Results from IAEA projects. <i>European Journal of Radiology</i> , 2012, 81, 2161-2168.	2.6	18
28	Image quality of mammography in Croatian nationwide screening program: Comparison between various types of facilities. <i>European Journal of Radiology</i> , 2012, 81, e478-e485.	2.6	5
29	Mapping of cosmic radiation dose in Croatia. <i>Journal of Environmental Radioactivity</i> , 2012, 103, 30-33.	1.7	4
30	Good reasons to implement quality assurance in nationwide breast cancer screening programs in Croatia and Serbia: Results from a pilot study. <i>European Journal of Radiology</i> , 2011, 78, 122-128.	2.6	10
31	Radiation protection of patients in diagnostic radiology: Status of practice in five Eastern-European countries, based on IAEA project. <i>European Journal of Radiology</i> , 2011, 79, e70-e73.	2.6	6
32	Status of radiation protection in interventional cardiology in four East European countries. <i>Radiation Protection Dosimetry</i> , 2011, 147, 62-67.	0.8	6
33	Survey of Equipment Quality Control in Radiotherapy Centres in Croatia: First Results. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2011, 62, 255-260.	0.7	0
34	Dosimetric verification of compensated beams using radiographic film. <i>Radiology and Oncology</i> , 2011, 45, 310-4.	1.7	7
35	A neutron track etch detector for electron linear accelerators in radiotherapy. <i>Radiology and Oncology</i> , 2010, 44, 62-6.	1.7	8
36	Rotation of the Sacrum During Bellyboard Pelvic Radiotherapy. <i>Medical Dosimetry</i> , 2010, 35, 28-30.	0.9	13

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37	Radiation Therapy Photon Beams Dose Conformation According to Dose Distribution Around Intracavitary-Applied Brachytherapy Sources. <i>Medical Dosimetry</i> , 2010, 35, 49-52.	0.9	1
38	Measurements of neutron radiation in aircraft. <i>Applied Radiation and Isotopes</i> , 2010, 68, 2398-2402.	1.5	10
39	Patient radiation doses in the most common interventional cardiology procedures in Croatia: first results. <i>Radiation Protection Dosimetry</i> , 2010, 138, 180-186.	0.8	28
40	TÄrdliche Dosis der Gamma-Bestrahlung fÄ¼r Larven der Art <i>Dorcus parallelipedus</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.1	0
41	Radiation Exposure to Patients During Interventional Procedures in 20 Countries: Initial IAEA Project Results. <i>American Journal of Roentgenology</i> , 2009, 193, 559-569.	2.2	100
42	Lumbosacral radiculopathy-factors effects on it's severity. <i>Collegium Antropologicum</i> , 2009, 33, 175-8.	0.2	2
43	Relation between galactic and solar cosmic radiation at aviation altitude. <i>Advances in Space Research</i> , 2008, 42, 1913-1916.	2.6	5
44	Survey of mammography practice in Croatia: equipment performance, image quality and dose. <i>Radiation Protection Dosimetry</i> , 2008, 131, 535-540.	0.8	10
45	Patient dosimetry in interventional cardiology at the University Hospital of Osijek. <i>Radiation Protection Dosimetry</i> , 2007, 128, 485-490.	0.8	8
46	Implementing of the offline setup correction protocol in pelvic radiotherapy: safety margins and number of images. <i>Radiology and Oncology</i> , 2007, 41, 48.	1.7	5
47	Mutations that modulate receptor?hormone congruency as a cause of the primate GH receptor species specificity. <i>Theory in Biosciences</i> , 2005, 123, 435-440.	1.4	0
48	Indoor radon and lung cancer: a case-control study. <i>Isotopes in Environmental and Health Studies</i> , 2005, 41, 169-176.	1.0	2
49	Association of skin rash and tumor response to HER1/EGFR inhibition: Does HER1 stimulated tumor growth depend on circulatory instead of paracrine ligands?. <i>Medical Hypotheses</i> , 2005, 64, 1244-1245.	1.5	2
50	Radon exposure and lung cancer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003, 256, 349-352.	1.5	9
51	Model of total skin electron treatment using the 'six-dual-field' technique. <i>Collegium Antropologicum</i> , 2003, 27, 713-21.	0.2	6
52	Total skin electron treatment of extensive cutaneous lesions in Kaposi sarcoma. <i>Croatian Medical Journal</i> , 2002, 43, 342-5.	0.7	3
53	Indoor radon dose assessment for Osijek. <i>Journal of Environmental Radioactivity</i> , 1999, 44, 97-106.	1.7	4