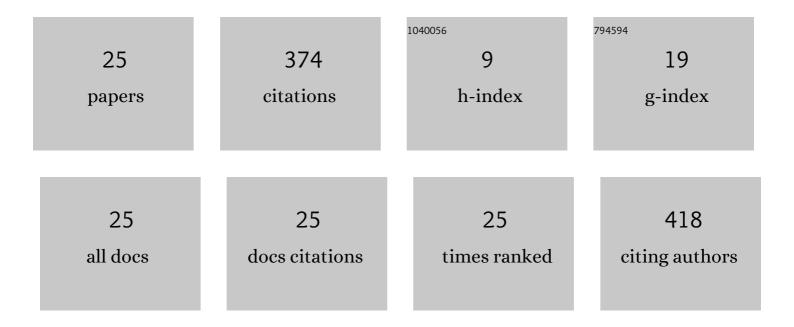
Iva AmbrožovÃ;

List of Publications by Year in descending order

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Ινα ΔΜΒΡΟΔ34ΟνΑ:

#	Article	IF	CITATIONS
1	Outâ€ofâ€field doses in pediatric craniospinal irradiations with 3Dâ€CRT, VMAT, and scanning proton radiotherapy: A phantom study. Medical Physics, 2022, 49, 2672-2683.	3.0	11
2	Etched track detector methods for the identification of target nuclear fragments in cosmic radiation and accelerator proton beams. Radiation Measurements, 2021, 140, 106505.	1.4	2
3	Out-of-field doses for scanning proton radiotherapy of shallowly located paediatric tumours—a comparison of range shifter and 3D printed compensator. Physics in Medicine and Biology, 2021, 66, 035012.	3.0	13
4	AIRDOS — open-source PIN diode airborne dosimeter. Journal of Instrumentation, 2021, 16, T03006.	1.2	6
5	REFLECT – Research flight of EURADOS and CRREAT: Intercomparison of various radiation dosimeters onboard aircraft. Radiation Measurements, 2020, 137, 106433.	1.4	16
6	The European Joint Research Project UHDpulse – Metrology for advanced radiotherapy using particle beams with ultra-high pulse dose rates. Physica Medica, 2020, 80, 134-150.	0.7	71
7	Measurements of radiation induced by a spark discharge under laboratory conditions. Radiation Measurements, 2020, 137, 106420.	1.4	4
8	Intercomparison of personal and ambient dosimeters in extremely high-dose-rate pulsed photon fields. Radiation Physics and Chemistry, 2020, 172, 108764.	2.8	9
9	Comparative measurements of mixed radiation fields using liulin and AIRDOS dosimeters. AIP Conference Proceedings, 2019, , .	0.4	1
10	Reactivation of Microbial Strains and Synthetic Communities After a Spaceflight to the International Space Station: Corroborating the Feasibility of Essential Conversions in the MELiSSA Loop. Astrobiology, 2019, 19, 1167-1176.	3.0	9
11	CR10—A PUBLIC DATABASE OF COSMIC RADIATION MEASUREMENTS AT AVIATION ALTITUDES OF ABOUT 10 KM. Radiation Protection Dosimetry, 2019, 186, 224-228.	0.8	4
12	ANGULAR DEPENDENCE OF TRACK-ETCH DETECTOR HARZLAS TD-1. Radiation Protection Dosimetry, 2019, 186, 219-223.	0.8	2
13	INVESTIGATION OF NUCLEAR EMULSIONS IN TERMS OF NEUTRON DOSIMETRY. Radiation Protection Dosimetry, 2019, 186, 229-234.	0.8	0
14	RESPONSE OF THE CZECH RMN NETWORK TO THUNDERSTORM ACTIVITY. Radiation Protection Dosimetry, 2019, 186, 215-218.	0.8	3
15	Dose distribution of secondary radiation in a water phantom for a proton pencil beam—EURADOS WG9 intercomparison exercise. Physics in Medicine and Biology, 2018, 63, 085017.	3.0	28
16	Perturbations of radiation field caused by titanium dental implants in pencil proton beam therapy. Physics in Medicine and Biology, 2018, 63, 215020.	3.0	6
17	Fading of CaSO 4 thermoluminescent detectors after exposure to charged particles. Radiation Measurements, 2017, 106, 569-572.	1.4	1
18	Cosmic radiation monitoring at low-Earth orbit by means of thermoluminescence and plastic nuclear track detectors. Radiation Measurements, 2017, 106, 262-266.	1.4	8

Ινα Αμβροβ³/40νÃ;

#	Article	IF	CITATIONS
19	DOSIS & DOSIS 3D: radiation measurements with the DOSTEL instruments onboard the Columbus Laboratory of the ISS in the years 2009–2016. Journal of Space Weather and Space Climate, 2017, 7, A8.	3.3	44
20	CONCORD: comparison of cosmic radiation detectors in the radiation field at aviation altitudes. Journal of Space Weather and Space Climate, 2016, 6, A24.	3.3	20
21	DOSIS & DOSIS 3D: long-term dose monitoring onboard the Columbus Laboratory of the International Space Station (ISS). Journal of Space Weather and Space Climate, 2016, 6, A39.	3.3	49
22	Comparison of cosmic rays radiation detectors on-board commercial jet aircraft. Radiation Protection Dosimetry, 2015, 164, 484-488.	0.8	5
23	Measurement of target fragments produced by 160ÂMeV proton beam in aluminum and polyethylene with CR-39 plastic nuclear track detectors. Radiation Measurements, 2014, 64, 29-34.	1.4	10
24	Uncertainties in linear energy transfer spectra measured with track-etched detectors in space. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 713, 5-10.	1.6	23
25	Publicly available database of measurements with the silicon spectrometer Liulin onboard aircraft. Radiation Measurements, 2013, 58, 107-112.	1.4	29