

Michael Hajek

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3824592/michael-hajek-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

596
citations

15
h-index

23
g-index

39
ext. papers

682
ext. citations

1.5
avg, IF

3.23
L-index

#	Paper	IF	Citations
39	Results of the EURADOS 2017 intercomparison for whole body neutron dosimeters (IC2017n). <i>Radiation Measurements</i> , 2020 , 135, 106364	1.5	1
38	CHARACTERISATION OF RADIOPHOTOLUMINESCENCE DOSIMETRY SYSTEM FOR INDIVIDUAL MONITORING. <i>Radiation Protection Dosimetry</i> , 2020 , 190, 66-70	0.9	
37	DOSIS & DOSIS 3D: radiation measurements with the DOSTEL instruments onboard the Columbus Laboratory of the ISS in the years 2009-2016. <i>Journal of Space Weather and Space Climate</i> , 2017 , 7, A8	2.5	21
36	A SOLUTION FOR NEUTRON PERSONAL DOSIMETRY IN THE ABSENCE OF WORKPLACE SPECTROMETRY. <i>Radiation Protection Dosimetry</i> , 2016 , 170, 265-8	0.9	2
35	DOSIS & DOSIS 3D: long-term dose monitoring onboard the Columbus Laboratory of the International Space Station (ISS). <i>Journal of Space Weather and Space Climate</i> , 2016 , 6, A39	2.5	34
34	Developments and trends in bioequivalent dosimetry. <i>Radiation Protection Dosimetry</i> , 2015 , 164, 65-9	0.9	2
33	Cosmic radiation exposure of biological test systems during the EXPOSE-R mission. <i>International Journal of Astrobiology</i> , 2015 , 14, 27-32	1.4	12
32	NUNDO: a numerical model of a human torso phantom and its application to effective dose equivalent calculations for astronauts at the ISS. <i>Radiation and Environmental Biophysics</i> , 2014 , 53, 719-27		10
31	The MATROSHKA experiment: results and comparison from extravehicular activity (MTR-1) and intravehicular activity (MTR-2A/2B) exposure. <i>Radiation Research</i> , 2013 , 180, 622-37	3.1	33
30	An infrastructure for accurate characterization of single-event transients in digital circuits. <i>Microprocessors and Microsystems</i> , 2013 , 37, 772-791	2.4	4
29	Thermoluminescence fading studies: Implications for long-duration space measurements in Low Earth Orbit. <i>Radiation Measurements</i> , 2013 , 56, 303-306	1.5	10
28	Peer review versus editorial review and their role in innovative science. <i>Theoretical Medicine and Bioethics</i> , 2012 , 33, 359-76	0.9	12
27	Cosmic radiation exposure of biological test systems during the EXPOSE-E mission. <i>Astrobiology</i> , 2012 , 12, 387-92	3.7	41
26	Comparison of the response of various TLDs to cosmic radiation and ion beams: Current results of the HAMLET project. <i>Radiation Measurements</i> , 2011 , 46, 1680-1685	1.5	22
25	MATSIM: Development of a Voxel Model of the MATROSHKA Astronaut Dosimetric Phantom. <i>IEEE Transactions on Nuclear Science</i> , 2011 , 58, 1921-1926	1.7	2
24	Astronauts' organ doses inferred from measurements in a human phantom outside the international space station. <i>Radiation Research</i> , 2009 , 171, 225-35	3.1	94
23	LET dependence of thermoluminescent efficiency and peak height ratio of CaF ₂ :Tm. <i>Radiation Measurements</i> , 2008 , 43, 1135-1139	1.5	21

22	Comparative study of infrared-stimulated luminescent and thermoluminescent dating of archaeological artefacts. <i>Radiation Measurements</i> , 2008 , 43, 781-785	1.5	2
21	TL-efficiency Overview and experimental results over the years. <i>Radiation Measurements</i> , 2008 , 43, 146-156	1.5	71
20	A portable multi-purpose OSL reader for UV dosimetry at workplaces. <i>Radiation Measurements</i> , 2008 , 43, 516-519	1.5	10
19	Convolution of TLD and SSNTD measurements during the BRADOS-1 experiment onboard ISS (2001). <i>Radiation Measurements</i> , 2008 , 43, 1231-1236	1.5	20
18	On the linearity of the high-temperature emission from 7LiF:Mg,Ti (TLD-700). <i>Radiation Measurements</i> , 2008 , 43, 1467-1473	1.5	20
17	Cellular signal transduction events as a function of linear energy transfer (LET). <i>Radiation Protection Dosimetry</i> , 2007 , 126, 418-22	0.9	2
16	Comparison of various techniques for the exact determination of absorbed dose in heavy ion fields using passive detectors. <i>Advances in Space Research</i> , 2006 , 37, 1716-1721	2.4	9
15	Dose distribution in the Russian Segment of the International Space Station. <i>Radiation Protection Dosimetry</i> , 2006 , 120, 446-9	0.9	15
14	Novel shielding materials for space and air travel. <i>Radiation Protection Dosimetry</i> , 2006 , 120, 405-9	0.9	12
13	Efficiency-corrected dose verification with thermoluminescence dosimeters in heavy-ion beams. <i>Radiation Protection Dosimetry</i> , 2006 , 120, 361-4	0.9	15
12	The efficiency of various thermoluminescence dosimeter types to heavy ions. <i>Radiation Protection Dosimetry</i> , 2006 , 120, 365-8	0.9	20
11	BRADOS Dose determination in the Russian Segment of the International Space Station. <i>Advances in Space Research</i> , 2006 , 37, 1664-1667	2.4	11
10	Neutron dosimetry onboard aircraft using superheated emulsions. <i>Radioactivity in the Environment</i> , 2005 , 941-947		
9	Measurements and calculations of the radiation exposure of aircrew personnel on different flight routes. <i>Radioactivity in the Environment</i> , 2005 , 948-954		
8	Passive in-flight neutron spectrometry by means of bonner spheres. <i>Radiation Protection Dosimetry</i> , 2004 , 110, 343-6	0.9	3
7	Austrian dose measurements onboard space station MIR and the International Space Station--overview and comparison. <i>Advances in Space Research</i> , 2004 , 34, 1414-9	2.4	15
6	A TLD-based personal dosimeter system for aircrew monitoring. <i>Radiation Protection Dosimetry</i> , 2004 , 110, 337-41	0.9	13
5	Analysis of the neutron component at high altitude mountains using active and passive measurement devices. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 476, 69-73	1.2	16

4	Application of the high-temperature ratio method for evaluation of the depth distribution of dose equivalent in a water-filled phantom on board space station Mir. <i>Radiation Protection Dosimetry</i> , 2002 , 100, 503-6	0.9	8
3	Dose assessment of aircrew using passive detectors. <i>Radiation Protection Dosimetry</i> , 2002 , 100, 511-4	0.9	10
2	Thermoluminescence dating of archaeological artefacts from the Middle Neolithic, Bronze Age and the Roman Empire period. <i>Radiation Protection Dosimetry</i> , 2002 , 101, 363-5	0.9	1
1	Advantages of passive detectors for the determination of the cosmic ray induced neutron environment. <i>Radiation Protection Dosimetry</i> , 2002 , 100, 541-4	0.9	2