Miroslav JeÅ¡kovskÃ½

List of Publications by Year
in descending order

41 papers	918 citations	567281 15 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	915 citing authors

#	Article	IF	Citations
1	Elemental composition of organic and non-organic foods determined by PIXE. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1249-1259.	1.5	1
2	Recent developments in IBA analysis at CENTA, Bratislava. EPJ Web of Conferences, 2022, 261, 01002.	0.3	4
3	Lithium-Containing Crystals for Light Dark Matter Search Experiments. Journal of Low Temperature Physics, 2020, 199, 510-518.	1.4	6
4	Radiocarbon analysis of carbonaceous aerosols in Bratislava, Slovakia. Journal of Environmental Radioactivity, 2020, 218, 106221.	1.7	9
5	Searches for Light Dark Matter with the CRESST-III Experiment. Journal of Low Temperature Physics, 2020, 199, 547-555.	1.4	11
6	Cryogenic characterization of a $$hbox {LiAlO}_{2}$$ crystal and new results on spin-dependent dark matter interactions with ordinary matter. European Physical Journal C, 2020, 80, 1.	3.9	6
7	Latest results of CRESST-IIIâ€™s search for sub-GeV/c² dark matter. Journal of Physics: Conference Series, 2020, 1468, 012038.	0.4	4
8	Investigation of suitable targets for accelerator mass spectrometry of 26Al. Nuclear Instruments & Methods in Physics Research B, 2019, 438, 101-106.	1.4	2
9	Experimental and Monte Carlo determination of HPGe detector efficiency. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1863-1869.	1.5	22
10	Analysis of meteorite samples using PIXE technique. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1897-1903.	1.5	2
11	Analysis of environmental radionuclides. , 2019, , 137-261.		3
12	Geant4-based electromagnetic background model for the CRESST dark matter experiment. European Physical Journal C, 2019, 79, 881.	3.9	15
13	Anthropogenic 137 Cs on atmospheric aerosols in Bratislava and around nuclear power plants in Slovakia. Journal of Environmental Radioactivity, 2018, 184-185, 77-82.	1.7	4
14	Development of separation procedures for determination of uranium and thorium in the 82Se source of the SuperNEMO experiment: first steps. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2321-2327.	1.5	2
15	Determination of metal elements concentrations in human brain tissues using PIXE and EDX methods. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 2313-2319.	1.5	4
16	Tracing of radiocesium extraction from waters and uranium content in liquid samples by particle induced X-ray emission (PIXE). Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 591-597.	1.5	1
17	Ultra-sensitive radioanalytical technologies for underground physics experiments. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 677-684.	1.5	10
18	Long-term variations of radionuclides in the Bratislava air. Journal of Environmental Radioactivity, 2017, 166, 27-35.	1.7	23

#	Article	IF	Citations
19	Radiocarbon concentration in tree-ring samples collected in the south-west Slovakia (1974â€“2013). Applied Radiation and Isotopes, 2017, 126, 58-60.	1.5	12
20	PIXE beam line at the CENTA facility of the Comenius University in Bratislava: first results. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1409-1415.	1.5	7
21	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, , .	0.4	126
22	Single and Double Beta-Decay<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math>Values among the Triplet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Zr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>,<mml:math	7.8	23
23	Recent results from the AMS/IBA laboratory at the Comenius University in Bratislava: preparation of targets and optimization of ion sources. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 2101-2108.	1.5	9
24	Reference material for natural radionuclides in glass designed for underground experiments. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 619-626.	1.5	2
25	Retrospective study of 14C concentration in the vicinity of NPP JaslovskÃ© Bohunice using tree rings and the AMS technique. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 129-132.	1.4	24
26	Radiocarbon in the Atmosphere of the Å½lkovce Monitoring Station of the Bohunice NPP: 25 Years of Continuous Monthly Measurements. Radiocarbon, 2015, 57, 355-362.	1.8	14
27	Joint Bratislavaâ€“Prague studies of radiocarbon and uranium in the environment using accelerator mass spectrometry and radiometric methods. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 67-73.	1.5	7
28	Preliminary AMS measurements of 10Be at the CENTA facility. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 139-142.	1.4	8
29	A search for double-electron capture of 74Se to excited levels using coincidence/anticoincidence gamma-ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 795, 268-275.	1.6	9
30	Development of the Accelerator Mass Spectrometry technology at the Comenius University in Bratislava. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 87-94.	1.4	28
31	A new IBA-AMS laboratory at the Comenius University in Bratislava (Slovakia). Nuclear Instruments & Methods in Physics Research B, 2015, 342, 321-326.	1.4	20
32	Distributions of 137Cs and 210Pb in moss collected from Belarus and Slovakia. Journal of Environmental Radioactivity, 2013, 117, 19-24.	1.7	16
33	Iodine-129 in Seawater Offshore Fukushima: Distribution, Inorganic Speciation, Sources, and Budget. Environmental Science & Technology, 2013, 47, 3091-3098.	10.0	193
34	Cesium, iodine and tritium in NW Pacific waters â€“ a comparison of the Fukushima impact with global fallout. Biogeosciences, 2013, 10, 5481-5496.	3.3	116
35	Long-term variations of 14C and 137Cs in the Bratislava air â€“ implications of different atmospheric transport processes. Journal of Environmental Radioactivity, 2012, 108, 33-40.	1.7	34
36	137Cs water profiles in the South Indian Ocean â€“ An evidence for accumulation of pollutants in the subtropical gyre. Progress in Oceanography, 2011, 89, 17-30.	3.2	43

#	ARTICLE	IF	CITATIONS
37	Modeling of temporal variations of vertical concentration profile of 7Be in the atmosphere. Atmospheric Environment, 2009, 43, 2000-2004.	4.1	17
38	Analysis of 26Al in meteorite samples by coincidence gamma-ray spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 805-808.	1.5	23
39	Low-level single and coincidence gamma-ray spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 779-787.	1.5	35
40	Evaluation of elemental content in air-borne particulate matter in low-level atmosphere of Bratislava. Atmospheric Environment, 2008, 42, 8079-8085.	4.1	17
41	Radioactivity of the Atmospheric Aerosol in Bratislava. AIP Conference Proceedings, 2007, , .	0.4	1