

Ivana S Vukanac

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

417
citations

759233

12
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794594

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docs citations

41
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Internal exposure from building materials exhaling ^{222}Rn and ^{220}Rn as compared to external exposure due to their natural radioactivity content. <i>Applied Radiation and Isotopes</i> , 2010, 68, 201-206.	1.5	50
2	Intercomparison of methods for coincidence summing corrections in gamma-ray spectrometry" part II (volume sources). <i>Applied Radiation and Isotopes</i> , 2012, 70, 2112-2118.	1.5	38
3	Coincidence summing of X- and $\hat{\Gamma}^3$ -rays in $\hat{\Gamma}^3$ -ray spectrometry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 578, 207-217.	1.6	34
4	Qualitative overview of indoor radon surveys in Europe. <i>Journal of Environmental Radioactivity</i> , 2019, 204, 163-174.	1.7	31
5	Novel method of measurement of radon exhalation from building materials. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 337-343.	1.7	27
6	Experimental determination of the HPGe spectrometer efficiency curve. <i>Applied Radiation and Isotopes</i> , 2008, 66, 792-795.	1.5	24
7	Coincidence summing of X- and gamma rays of ^{133}Ba . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 582, 592-602.	1.6	21
8	Vertical distribution of natural radionuclides in soil: Assessment of external exposure of population in cultivated and undisturbed areas. <i>Science of the Total Environment</i> , 2012, 429, 309-316.	8.0	19
9	Physicochemical and radiological characterization of kaolin and its polymerization products. <i>Materiales De Construccion</i> , 2018, 68, e155.	0.7	16
10	Coincidence summing corrections for point and volume ^{152}Eu sources. <i>Applied Radiation and Isotopes</i> , 2016, 107, 138-144.	1.5	15
11	Physicochemical, mineralogical and radiological properties of red mud samples as secondary raw materials. <i>Nuclear Technology and Radiation Protection</i> , 2017, 32, 261-266.	0.8	14
12	Chemical, physical and radiological evaluation of raw materials and geopolymers for building applications. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 435-445.	1.5	12
13	Natural diatomite (Rudovci, Serbia) as adsorbent for removal Cs from radioactive waste liquids. <i>Science of Sintering</i> , 2015, 47, 299-309.	1.4	11
14	Natural radioactivity in lignite samples from open pit mines "Kolubara", Serbia " risk assessment. <i>Applied Radiation and Isotopes</i> , 2014, 87, 73-76.	1.5	10
15	A comparison of alpha-particle and gamma-ray spectrometry methods for determination of ^{235}U , ^{238}U and ^{226}Ra activity concentration in samples of coal, slag and fly-ash. <i>Radiation Physics and Chemistry</i> , 2022, 193, 109933.	2.8	9
16	Vertical distribution of ^{137}Cs in cultivated and undisturbed areas. <i>Nuclear Technology and Radiation Protection</i> , 2010, 25, 30-36.	0.8	8
17	Radiological and physicochemical properties of red mud based geopolymers. <i>Nuclear Technology and Radiation Protection</i> , 2018, 33, 188-194.	0.8	8
18	Determination of ^{210}Pb by direct gamma-ray spectrometry, beta counting via ^{210}Bi and alpha-particle spectrometry via ^{210}Po in coal, slag and ash samples from thermal power plant. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 719-726.	1.5	7

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19	Retrospective estimation of the concentration of ^{241}Pu in air sampled at a Belgrade site following the Chernobyl accident. <i>Applied Radiation and Isotopes</i> , 2006, 64, 689-692.	1.5	6
20	Semiempirical Efficiency Calibration in Semiconductor HPGe Gamma-Ray Spectroscopy. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-8.	1.3	6
21	A simple method for determination of natural and depleted uranium in surface soil samples. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1433-1434.	1.5	5
22	The direct measurement of ^{57}Co activity by the sum-peak method. <i>Applied Radiation and Isotopes</i> , 2012, 70, 2154-2156.	1.5	5
23	Coincidence summing of X- and gamma rays of ^{75}Se . <i>Applied Radiation and Isotopes</i> , 2012, 70, 520-527.	1.5	4
24	Changes of properties of cured and uncured disiloxane bisbenzocyclobutene thin films under irradiation. <i>Progress in Organic Coatings</i> , 2013, 76, 257-262.	3.9	4
25	Assessment of natural radioactivity levels and radon exhalation rate potential from various building materials. <i>Nuclear Technology and Radiation Protection</i> , 2020, 35, 64-73.	0.8	4
26	Determination of impurity content in gold foils. <i>Radiation Measurements</i> , 2005, 39, 417-420.	1.4	3
27	Radon measurements using open-faced charcoal canisters - Measurement uncertainty and method optimization. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109335.	1.5	3
28	Alkali activation of different type of ash as a production of combustion process. <i>Nuclear Technology and Radiation Protection</i> , 2021, 36, 66-73.	0.8	3
29	Radiological hazards of ^{137}Cs in cultivated and undisturbed areas. <i>Nuclear Technology and Radiation Protection</i> , 2011, 26, 115-118.	0.8	3
30	Radon and thoron exhalation rate measurements from building materials used in Serbia. <i>Nukleonika</i> , 2020, 65, 111-114.	0.8	3
31	Intercomparison and performance assessment of radionuclide calibrators used in nuclear medicine departments in Serbia. <i>Applied Radiation and Isotopes</i> , 2022, 179, 110013.	1.5	3
32	On the long-term stability of calibration standards in different matrices. <i>Applied Radiation and Isotopes</i> , 2012, 70, 1860-1862.	1.5	2
33	The direct activity measurement of ^{133}Ba by using HPGe spectrometer. <i>Nuclear Technology and Radiation Protection</i> , 2011, 26, 64-68.	0.8	2
34	RADON EXHALATION RATE OF SOME BUILDING MATERIALS COMMON IN SERBIA. , 0, , .		2
35	Determination of the specific alpha activity of thick sources with a large area ZnS(Ag) scintillation detector. <i>Journal of Environmental Radioactivity</i> , 2007, 95, 75-85.	1.7	1
36	Systematic influences on the areas of peaks in gamma-ray spectra that have a large statistical uncertainty. <i>Applied Radiation and Isotopes</i> , 2018, 134, 51-55.	1.5	1

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37	Experimental testing of the digital multichannel analyzer for gamma spectrometry measurements. Nuclear Technology and Radiation Protection, 2008, 23, 43-46.	0.8	1
38	Radionuclide content in laundry detergents commercially available on the Serbian market and assessment of radiological environmental hazards. Nuclear Technology and Radiation Protection, 2017, 32, 366-370.	0.8	1
39	Radiological and physico-chemical characterization of red mud as an Al-containing precursor in inorganic binders for the building industry. Nuclear Technology and Radiation Protection, 2021, 36, 182-191.	0.8	1
40	Cesium removal from aqueous solution by natural mineral clinoptilolite. Nuclear Technology and Radiation Protection, 2014, 29, 135-141.	0.8	0
41	Radiological and physico-chemical characterization of red mud as an Al-containing precursor in inorganic binders for the building industry. Nuclear Technology and Radiation Protection, 2021, 36, 182-191.	0.8	0