

# 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  
h-index

794594

19  
g-index

41  
all docs

41  
docs citations

41  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A comparison of alpha-particle and gamma-ray spectrometry methods for determination of <sup>235</sup> U, <sup>238</sup> U and <sup>226</sup> Ra activity concentration in samples of coal, slag and fly-ash. <i>Radiation Physics and Chemistry</i> , 2022, 193, 109933.	2.8	9
3	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
4	Radiological and physico-chemical characterization of red mud as an Al-containing precursor in inorganic binders for the building industry. <i>Nuclear Technology and Radiation Protection</i> , 2021, 36, 182-191.	0.8	1
5	Radiological and physico-chemical characterization of red mud as an Al-containing precursor in inorganic binders for the building industry. <i>Nuclear Technology and Radiation Protection</i> , 2021, 36, 182-191.	0.8	0
6	Radon measurements using open-faced charcoal canisters - Measurement uncertainty and method optimization. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109335.	1.5	3
7	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
8	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
9	Radon and thoron exhalation rate measurements from building materials used in Serbia. <i>Nukleonika</i> , 2020, 65, 111-114.	0.8	3
10	Qualitative overview of indoor radon surveys in Europe. <i>Journal of Environmental Radioactivity</i> , 2019, 204, 163-174.	1.7	31
11	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
12	Semiempirical Efficiency Calibration in Semiconductor HPGe Gamma-Ray Spectroscopy. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-8.	1.3	6
13	Radiological and physicochemical properties of red mud based geopolymers. <i>Nuclear Technology and Radiation Protection</i> , 2018, 33, 188-194.	0.8	8
14	Physicochemical and radiological characterization of kaolin and its polymerization products. <i>Materiales De Construccion</i> , 2018, 68, e155.	0.7	16
15	Determination of <sup>210</sup> Pb by direct gamma-ray spectrometry, beta counting via <sup>210</sup> Bi and alpha-particle spectrometry via <sup>210</sup> 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
16	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
17	Radionuclide content in laundry detergents commercially available on the Serbian market and assessment of radiological environmental hazards. <i>Nuclear Technology and Radiation Protection</i> , 2017, 32, 366-370.	0.8	1
18	Novel method of measurement of radon exhalation from building materials. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 337-343.	1.7	27

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19	Coincidence summing corrections for point and volume $^{152}\text{Eu}$ sources. <i>Applied Radiation and Isotopes</i> , 2016, 107, 138-144.	1.5	15
20	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
21	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
22	Cesium removal from aqueous solution by natural mineral clinoptilolite. <i>Nuclear Technology and Radiation Protection</i> , 2014, 29, 135-141.	0.8	0
23	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
24	On the long-term stability of calibration standards in different matrices. <i>Applied Radiation and Isotopes</i> , 2012, 70, 1860-1862.	1.5	2
25	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
26	The direct measurement of $^{57}\text{Co}$ activity by the sum-peak method. <i>Applied Radiation and Isotopes</i> , 2012, 70, 2154-2156.	1.5	5
27	Coincidence summing of X- and gamma rays of $^{75}\text{Se}$ . <i>Applied Radiation and Isotopes</i> , 2012, 70, 520-527.	1.5	4
28	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
29	The direct activity measurement of $^{133}\text{Ba}$ by using HPGe spectrometer. <i>Nuclear Technology and Radiation Protection</i> , 2011, 26, 64-68.	0.8	2
30	Radiological hazards of $^{137}\text{Cs}$ in cultivated and undisturbed areas. <i>Nuclear Technology and Radiation Protection</i> , 2011, 26, 115-118.	0.8	3
31	Vertical distribution of $^{137}\text{Cs}$ in cultivated and undisturbed areas. <i>Nuclear Technology and Radiation Protection</i> , 2010, 25, 30-36.	0.8	8
32	Internal exposure from building materials exhaling $^{222}\text{Rn}$ and $^{220}\text{Rn}$ as compared to external exposure due to their natural radioactivity content. <i>Applied Radiation and Isotopes</i> , 2010, 68, 201-206.	1.5	50
33	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
34	Experimental determination of the HPGe spectrometer efficiency curve. <i>Applied Radiation and Isotopes</i> , 2008, 66, 792-795.	1.5	24
35	Experimental testing of the digital multichannel analyzer for gamma spectrometry measurements. <i>Nuclear Technology and Radiation Protection</i> , 2008, 23, 43-46.	0.8	1
36	Coincidence summing of X- and $\hat{\nu}^3$ -rays in $\hat{\nu}^3$ -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

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37	Coincidence summing of X- and gamma rays of $^{133}\text{Ba}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 592-602.	1.6	21
38	Determination of the specific alpha activity of thick sources with a large area ZnS(Ag) scintillation detector. Journal of Environmental Radioactivity, 2007, 95, 75-85.	1.7	1
39	Retrospective estimation of the concentration of $^{241}\text{Pu}$ in air sampled at a Belgrade site following the Chernobyl accident. Applied Radiation and Isotopes, 2006, 64, 689-692.	1.5	6
40	Determination of impurity content in gold foils. Radiation Measurements, 2005, 39, 417-420.	1.4	3
41	RADON EXHALATION RATE OF SOME BUILDING MATERIALS COMMON IN SERBIA. , 0, , .		2