

Ilia V Yarmoshenko

List of Publications by Year in descending order

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papers

673
citations

516710

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713466

21
g-index

62
all docs

62
docs citations

62
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Variance of indoor radon concentration: Major influencing factors. <i>Science of the Total Environment</i> , 2016, 541, 155-160.	8.0	42
2	Radon survey in the high natural radiation region of NiÅika Banja, Serbia. <i>Journal of Environmental Radioactivity</i> , 2007, 92, 165-174.	1.7	35
3	Low air exchange rate causes high indoor radon concentration in energy-efficient buildings. <i>Radiation Protection Dosimetry</i> , 2015, 164, 601-605.	0.8	29
4	Health risk assessment quantification from heavy metals contamination in the urban soil and urban surface deposited sediment. <i>Journal of Taibah University for Science</i> , 2020, 14, 285-293.	2.5	27
5	Urban geochemical changes and pollution with potentially harmful elements in seven Russian cities. <i>Scientific Reports</i> , 2020, 10, 1668.	3.3	26
6	Indoor radon problem in energy efficient multi-storey buildings. <i>Radiation Protection Dosimetry</i> , 2014, 160, 53-56.	0.8	24
7	Radon concentration in conventional and new energy efficient multi-storey apartment houses: results of survey in four Russian cities. <i>Scientific Reports</i> , 2020, 10, 18136.	3.3	23
8	A campaign of discrete radon concentration measurements in soil of NiÅika Banja town, Serbia. <i>Radiation Measurements</i> , 2007, 42, 1696-1702.	1.4	22
9	Study of urban puddle sediments for understanding heavy metal pollution in an urban environment. <i>Environmental Technology and Innovation</i> , 2014, 1-2, 1-7.	6.1	21
10	The concentrations and exposure doses of radon and thoron in residences of the rural areas of Kosovo and Metohija. <i>Radiation Measurements</i> , 2010, 45, 118-121.	1.4	19
11	Collaborative investigations on thoron and radon in some rural communities of Balkans. <i>Radiation Protection Dosimetry</i> , 2010, 141, 346-350.	0.8	19
12	Meta-analysis of caseâ€control studies on the relationship between lung cancer and indoor radon exposure. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 39-47.	1.4	19
13	Field Experience with Soil Gas Mapping Using Japanese Passive Radon/Thoron Discriminative Detectors for Comparing High and Low Radiation Areas in Serbia (Balkan Region). <i>Journal of Radiation Research</i> , 2009, 50, 355-361.	1.6	17
14	The gross beta activity of surface sediment in different urban landscape areas. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 831-839.	1.5	17
15	Assessment of Total Amount of Surface Sediment in Urban Environment Using Data on Solid Matter Content in Snow-Dirt Sludge. <i>Environmental Processes</i> , 2019, 6, 581-595.	3.5	17
16	Factors influencing temporal variations of radon concentration in high-rise buildings. <i>Journal of Environmental Radioactivity</i> , 2021, 232, 106575.	1.7	17
17	Geogenic and anthropogenic impacts on indoor radon in the Techa River region. <i>Science of the Total Environment</i> , 2016, 571, 1298-1303.	8.0	16
18	INDOOR RADON, THORON AND THEIR PROGENY CONCENTRATIONS IN HIGH THORON RURAL SERBIA ENVIRONMENTS. <i>Radiation Protection Dosimetry</i> , 2017, 177, 36-39.	0.8	16

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19	Method for reconstructing the initial baseline relationship between potentially harmful element and conservative element concentrations in urban puddle sediment. <i>Geoderma</i> , 2018, 326, 1-8.	5.1	16
20	Comparison of retrospective and contemporary indoor radon measurements in a high-radon area of Serbia. <i>Science of the Total Environment</i> , 2007, 387, 269-275.	8.0	15
21	Combination of geological data and radon survey results for radon mapping. <i>Journal of Environmental Radioactivity</i> , 2012, 112, 1-3.	1.7	14
22	Establishing a regional reference indoor radon level on the basis of radon survey data. <i>Journal of Radiological Protection</i> , 2013, 33, 329-338.	1.1	13
23	Reconstruction of national distribution of indoor radon concentration in Russia using results of regional indoor radon measurement programs. <i>Journal of Environmental Radioactivity</i> , 2015, 150, 99-103.	1.7	13
24	Snow-dirt sludge as an indicator of environmental and sedimentation processes in the urban environment. <i>Scientific Reports</i> , 2019, 9, 17241.	3.3	12
25	Beta radioactivity of urban surface-deposited sediment in three Russian cities. <i>Environmental Science and Pollution Research</i> , 2020, 27, 40309-40315.	5.3	12
26	Radon, smoking and HPV as lung cancer risk factors in ecological studies. <i>International Journal of Radiation Biology</i> , 2018, 94, 62-69.	1.8	11
27	Method for measuring radon flux density from soil activated by a pressure gradient. <i>Radiation Measurements</i> , 2018, 119, 150-154.	1.4	11
28	Development of an appropriate method for measuring gross alpha activity concentration in low-mass size-fractionated samples of sediment using solid-state nuclear track detectors. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 1047-1053.	1.5	11
29	Seasonal Variation of Radon Concentrations in Russian Residential High-Rise Buildings. <i>Atmosphere</i> , 2021, 12, 930.	2.3	10
30	Accumulation of ¹³⁷ Cs in puddle sediments within urban ecosystem. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 643-646.	1.7	9
31	Contemporary radiation doses to murine rodents inhabiting the most contaminated part of the EURT. <i>Journal of Environmental Radioactivity</i> , 2014, 129, 27-32.	1.7	9
32	¹³⁷ Cs in puddle sediments as timescale tracer in urban environment. <i>Journal of Environmental Radioactivity</i> , 2015, 142, 9-13.	1.7	9
33	Strontium biokinetic model for mouse-like rodent. <i>Journal of Environmental Radioactivity</i> , 2013, 118, 57-63.	1.7	8
34	Model of radon entry and accumulation in multi-flat energy-efficient buildings. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105444.	6.7	8
35	Meta-analysis of twenty radon and lung cancer case-control studies. <i>Radioactivity in the Environment</i> , 2005, 7, 762-771.	0.2	7
36	Coarse Technogenic Material in Urban Surface Deposited Sediments (USDS). <i>Atmosphere</i> , 2021, 12, 754.	2.3	7

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37	Identification and assessment of elevated exposure to natural radiation in Balkan region (Serbia). Radioprotection, 2009, 44, 919-925.	1.0	7
38	High variability of indoor radon concentrations in uraniferous bedrock areas in the Balkan region. Applied Radiation and Isotopes, 2014, 94, 328-337.	1.5	6
39	Combined analysis of onco-epidemiological studies of the relationship between lung cancer and indoor radon exposure. Nukleonika, 2020, 65, 83-88.	0.8	6
40	Lung cancer mortality and radon exposure in Russia. Nukleonika, 2016, 61, 263-268.	0.8	5
41	Non-destructive measurements of natural radionuclides in building materials for radon entry rate assessment. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 727-737.	1.5	5
42	Indoor radon long-term variation assessment. Radioactivity in the Environment, 2005, 7, 726-730.	0.2	4
43	Gross Alpha and Gross Beta Activity Concentrations in the Dust Fractions of Urban Surface-Deposited Sediment in Russian Cities. Atmosphere, 2021, 12, 571.	2.3	4
44	Radon, smoking and human papilloma virus as risk factors for lung cancer in an environmental epidemiological study. RadiacionnaĀĀ Gigiena, 2017, 10, 106-114.	0.7	4
45	A comparison of human exposure to natural radiation and DU in parts of the Balkan region. International Congress Series, 2005, 1276, 141-144.	0.2	3
46	Uncertainty Analysis of Relative Biological Effectiveness of Alpha-Radiation for Human Lung Exposure. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 665-679.	2.3	3
47	Indoor radon measurements in Kosovo and Metohija over the period 1995ĀĀ2007. Radiation Measurements, 2011, 46, 141-144.	1.4	3
48	Evaluation of the Contribution of Technogenic Radionuclides to the Total Activity of NPP Emissions on the Basis of a Simulation Model. Atomic Energy, 2016, 119, 271-274.	0.4	3
49	EFFECTIVE DOSES ESTIMATED FROM THE RESULTS OF DIRECT RADON AND THORON PROGENY SENSORS (DRPS/DTPS), EXPOSED IN SELECTED REGIONS OF BALKANS. Radiation Protection Dosimetry, 2019, 185, 387-390.	0.8	3
50	The modified model of radiation risk at radon exposure. Radiation Protection Dosimetry, 2014, 160, 134-137.	0.8	2
51	Effect of energy-efficient measures in building construction on indoor radon in Russia. Radiation Protection Dosimetry, 2016, 174, 419-422.	0.8	2
52	Comments to special issue geogenic radiation and its potential use for developing the geogenic radon map. Journal of Environmental Radioactivity, 2017, 172, 143-144.	1.7	2
53	Radon safety in terms of energy efficiency classification of buildings. IOP Conference Series: Earth and Environmental Science, 2017, 72, 012020.	0.3	2
54	Anthropogenic Particles in Contemporary Surface Dirt Sediments in an Urban Environment. Springer Proceedings in Earth and Environmental Sciences, 2020, , 221-227.	0.4	2

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55	Analysis of the effectiveness of measures on reduction population radiation doses due to technogenic and natural sources on the example of Muslyumovo village, the river Techa. <i>RadiacionnaĀĀ Gigena</i> , 2017, 10, 30-35.	0.7	2
56	Measurement strategy to study radon source, entry and dilution rates in energy-efficient buildings in Russia. <i>E3S Web of Conferences</i> , 2016, 6, 02002.	0.5	1
57	Patterns of Forming the Urban Surface Deposited Sediments. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 362, 012062.	0.3	1
58	Gross alpha activity in urban sediments as an important indicator of urban environmental processes on the example of three Russian cities. <i>Journal of Environmental Management</i> , 2021, 294, 113011.	7.8	1
59	Problems in radon measurements in context of epidemiological studies. <i>Archive of Oncology</i> , 2004, 12, 13-17.	0.2	1
60	Assessment of radiation exposure of murine rodents at the EURT territories. <i>Open Life Sciences</i> , 2014, 9, 960-966.	1.4	0
61	Study of surface mud sediment in an urban environment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 72, 012009.	0.3	0
62	Stable Lead Isotopic Ratios as Indicator of Urban Geochemical Processes. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 906, 012098.	0.3	0