Ilia V Yarmoshenko

List of Publications by Year
in descending order

62	673	516710 16	713466 21
papers	citations	h-index	g-index

62	62	62	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Coarse Technogenic Material in Urban Surface Deposited Sediments (USDS). Atmosphere, 2021, 12, 754.	2.3	7
4	Factors influencing temporal variations of radon concentration in high-rise buildings. Journal of Environmental Radioactivity, 2021, 232, 106575.	1.7	17
5	Seasonal Variation of Radon Concentrations in Russian Residential High-Rise Buildings. Atmosphere, 2021, 12, 930.	2.3	10
6	Model of radon entry and accumulation in multi-flat energy-efficient buildings. Journal of Environmental Chemical Engineering, 2021, 9, 105444.	6.7	8
7	Gross alpha activity in urban sediments as an important indicator of urban environmental processes on the example of three Russian cities. Journal of Environmental Management, 2021, 294, 113011.	7.8	1
8	Stable Lead Isotopic Ratios as Indicator of Urban Geochemical Processes. IOP Conference Series: Earth and Environmental Science, 2021, 906, 012098.	0.3	0
9	Anthropogenic Particles in Contemporary Surface Dirt Sediments in an Urban Environment. Springer Proceedings in Earth and Environmental Sciences, 2020, , 221-227.	0.4	2
10	Beta radioactivity of urban surfaceâ€“deposited sediment in three Russian cities. Environmental Science and Pollution Research, 2020, 27, 40309-40315.	5.3	12
11	Radon concentration in conventional and new energy efficient multi-storey apartment houses: results of survey in four Russian cities. Scientific Reports, 2020, 10, 18136.	3.3	23
12	Urban geochemical changes and pollution with potentially harmful elements in seven Russian cities. Scientific Reports, 2020, 10, 1668.	3.3	26
13	Health risk assessment quantification from heavy metals contamination in the urban soil and urban surface deposited sediment. Journal of Taibah University for Science, 2020, 14, 285-293.	2.5	27
14	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. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 1047-1053.	1.5	11
15	Combined analysis of onco-epidemiological studies of the relationship between lung cancer and indoor radon exposure. Nukleonika, 2020, 65, 83-88.	0.8	6
16	The gross beta activity of surface sediment in different urban landscape areas. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 831-839.	1.5	17
17	Assessment of Total Amount of Surface Sediment in Urban Environment Using Data on Solid Matter Content in Snow-Dirt Sludge. Environmental Processes, 2019, 6, 581-595.	3.5	17
18	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

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19	Patterns of Forming the Urban Surface Deposited Sediments. IOP Conference Series: Earth and Environmental Science, 2019, 362, 012062.	0.3	1
20	Snow-dirt sludge as an indicator of environmental and sedimentation processes in the urban environment. Scientific Reports, 2019, 9, 17241.	3.3	12
21	Meta-analysis of caseâ€“control studies on the relationship between lung cancer and indoor radon exposure. Radiation and Environmental Biophysics, 2019, 58, 39-47.	1.4	19
22	Method for reconstructing the initial baseline relationship between potentially harmful element and conservative element concentrations in urban puddle sediment. Geoderma, 2018, 326, 1-8.	5.1	16
23	Radon, smoking and HPV as lung cancer risk factors in ecological studies. International Journal of Radiation Biology, 2018, 94, 62-69.	1.8	11
24	Method for measuring radon flux density from soil activated by a pressure gradient. Radiation Measurements, 2018, 119, 150-154.	1.4	11
25	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
26	INDOOR RADON, THORON AND THEIR PROGENY CONCENTRATIONS IN HIGH THORON RURAL SERBIA ENVIRONMENTS. Radiation Protection Dosimetry, 2017, 177, 36-39.	0.8	16
27	Radon safety in terms of energy efficiency classification of buildings. IOP Conference Series: Earth and Environmental Science, 2017, 72, 012020.	0.3	2
28	Study of surface mud sediment in an urban environment. IOP Conference Series: Earth and Environmental Science, 2017, 72, 012009.	0.3	0
29	Radon, smoking and human papilloma virus as risk factors for lung cancer in an environmental epidemiological study. RadiacionnaÃ¢ Gigiena, 2017, 10, 106-114.	0.7	4
30	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. RadiacionnaÃ¢ Gigiena, 2017, 10, 30-35.	0.7	2
31	Measurement strategy to study radon source, entry and dilution rates in energy-efficient buildings in Russia. E3S Web of Conferences, 2016, 6, 02002.	0.5	1
32	Lung cancer mortality and radon exposure in Russia. Nukleonika, 2016, 61, 263-268.	0.8	5
33	Geogenic and anthropogenic impacts on indoor radon in the Techa River region. Science of the Total Environment, 2016, 571, 1298-1303.	8.0	16
34	Effect of energy-efficient measures in building construction on indoor radon in Russia. Radiation Protection Dosimetry, 2016, 174, 419-422.	0.8	2
35	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
36	Variance of indoor radon concentration: Major influencing factors. Science of the Total Environment, 2016, 541, 155-160.	8.0	42

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37	137Cs in puddle sediments as timescale tracer in urban environment. Journal of Environmental Radioactivity, 2015, 142, 9-13.	1.7	9
38	Reconstruction of national distribution of indoor radon concentration in Russia using results of regional indoor radon measurement programs. Journal of Environmental Radioactivity, 2015, 150, 99-103.	1.7	13
39	Low air exchange rate causes high indoor radon concentration in energy-efficient buildings. Radiation Protection Dosimetry, 2015, 164, 601-605.	0.8	29
40	Indoor radon problem in energy efficient multi-storey buildings. Radiation Protection Dosimetry, 2014, 160, 53-56.	0.8	24
41	Contemporary radiation doses to murine rodents inhabiting the most contaminated part of the EURT. Journal of Environmental Radioactivity, 2014, 129, 27-32.	1.7	9
42	Study of urban puddle sediments for understanding heavy metal pollution in an urban environment. Environmental Technology and Innovation, 2014, 1-2, 1-7.	6.1	21
43	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
44	The modified model of radiation risk at radon exposure. Radiation Protection Dosimetry, 2014, 160, 134-137.	0.8	2
45	Assessment of radiation exposure of murine rodents at the EURT territories. Open Life Sciences, 2014, 9, 960-966.	1.4	0
46	Strontium biokinetic model for mouse-like rodent. Journal of Environmental Radioactivity, 2013, 118, 57-63.	1.7	8
47	Establishing a regional reference indoor radon level on the basis of radon survey data. Journal of Radiological Protection, 2013, 33, 329-338.	1.1	13
48	Combination of geological data and radon survey results for radon mapping. Journal of Environmental Radioactivity, 2012, 112, 1-3.	1.7	14
49	Indoor radon measurements in Kosovo and Metohija over the period 1995â€“2007. Radiation Measurements, 2011, 46, 141-144.	1.4	3
50	Accumulation of 137Cs in puddle sediments within urban ecosystem. Journal of Environmental Radioactivity, 2010, 101, 643-646.	1.7	9
51	The concentrations and exposure doses of radon and thoron in residences of the rural areas of Kosovo and Metohija. Radiation Measurements, 2010, 45, 118-121.	1.4	19
52	Collaborative investigations on thoron and radon in some rural communities of Balkans. Radiation Protection Dosimetry, 2010, 141, 346-350.	0.8	19
53	Field Experience with Soil Gas Mapping Using Japanese Passive Radon/Thoron Discriminative Detectors for Comparing High and Low Radiation Areas in Serbia (Balkan Region). Journal of Radiation Research, 2009, 50, 355-361.	1.6	17
54	Identification and assessment of elevated exposure to natural radiation in Balkan region (Serbia). Radioprotection, 2009, 44, 919-925.	1.0	7

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55	A campaign of discrete radon concentration measurements in soil of NiÅ¡ka Banja town, Serbia. Radiation Measurements, 2007, 42, 1696-1702.	1.4	22
56	Comparison of retrospective and contemporary indoor radon measurements in a high-radon area of Serbia. Science of the Total Environment, 2007, 387, 269-275.	8.0	15
57	Radon survey in the high natural radiation region of NiÅ¡ka Banja, Serbia. Journal of Environmental Radioactivity, 2007, 92, 165-174.	1.7	35
58	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
59	Indoor radon long-term variation assessment. Radioactivity in the Environment, 2005, 7, 726-730.	0.2	4
60	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
61	Meta-analysis of twenty radon and lung cancer caseâ€“control studies. Radioactivity in the Environment, 2005, 7, 762-771.	0.2	7
62	Problems in radon measurements in context of epidemiological studies. Archive of Oncology, 2004, 12, 13-17.	0.2	1