

Valentyn V P Protsak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7653530/publications.pdf>

Version: 2024-02-01

21
papers

804
citations

759233

12
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

427
citing authors

#	ARTICLE	IF	CITATIONS
1	KINETICS OF FUEL PARTICLE WEATHERING AND ⁹⁰ Sr MOBILITY IN THE CHERNOBYL 30-KM EXCLUSION ZONE. Health Physics, 1999, 76, 251-259.	0.5	108
2	Territory contamination with the radionuclides representing the fuel component of Chernobyl fallout. Science of the Total Environment, 2003, 317, 105-119.	8.0	101
3	Resuspension and redistribution of radionuclides during grassland and forest fires in the Chernobyl exclusion zone: part I. Fire experiments. Journal of Environmental Radioactivity, 2006, 86, 143-163.	1.7	94
4	Particle-associated Chernobyl fall-out in the local and intermediate zones. Annals of Nuclear Energy, 1993, 20, 415-420.	1.8	67
5	Soil contamination with ⁹⁰ Sr in the near zone of the Chernobyl accident. Journal of Environmental Radioactivity, 2001, 56, 285-298.	1.7	65
6	Formation of Hot Particles During the Chernobyl Nuclear Power Plant Accident. Nuclear Technology, 1996, 114, 246-253.	1.2	61
7	Forest fires in the territory contaminated as a result of the Chernobyl accident: radioactive aerosol resuspension and exposure of fire-fighters. Journal of Environmental Radioactivity, 2000, 51, 281-298.	1.7	61
8	Spatial datasets of radionuclide contamination in the Ukrainian Chernobyl Exclusion Zone. Earth System Science Data, 2018, 10, 339-353.	9.9	60
9	Resuspension and redistribution of radionuclides during grassland and forest fires in the Chernobyl exclusion zone: part II. Modeling the transport process. Journal of Environmental Radioactivity, 2006, 87, 260-278.	1.7	43
10	Dissolution kinetics of particles of irradiated Chernobyl nuclear fuel: influence of pH and oxidation state on the release of radionuclides in the contaminated soil of Chernobyl. Journal of Nuclear Materials, 2000, 279, 225-233.	2.7	36
11	Environmental behaviour of radioactive particles from chernobyl. Journal of Environmental Radioactivity, 2019, 208-209, 106025.	1.7	27
12	Spatial radionuclide deposition data from the 60 km radial area around the Chernobyl Nuclear Power Plant: results from a sampling survey in 1987. Earth System Science Data, 2020, 12, 1861-1875.	9.9	18
13	Inhalation of radionuclides during agricultural work in areas contaminated as a result of the Chernobyl reactor accident. Journal of Aerosol Science, 1994, 25, 761-766.	3.8	11
14	Soil Contamination with Fuel Component of Chernobyl Radioactive Fallout. Radiochemistry, 2003, 45, 189-200.	0.7	11
15	Seasonal changes in uptake and depuration of ¹³⁷ Cs and ⁹⁰ Sr in silver Prussian carp (<i>Carassius auratus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 147280.	8.0	10
16	Resuspension of radionuclides and the contamination of village areas around Chernobyl. Journal of Aerosol Science, 1994, 25, 755-759.	3.8	7
17	Comparison measurements of a russian standard aerosol impactor with several western standard aerosol instruments. Journal of Aerosol Science, 1996, 27, 477-486.	3.8	7
18	Autoradiographical methods for the assessment of radionuclides in hot particles on filter samples. Applied Radiation and Isotopes, 2003, 58, 95-102.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Dynamics of physico-chemical forms of radionuclides in the bottom sediments of cooling pond of the ChNPP after their drying: 1. Model experiment. Nuclear Physics and Atomic Energy, 2017, 18, 341-349.	0.5	3
20	Prompt Mapping of Radioactively Contaminated Areas. Nuclear and Radiation Safety, 2019, , 51-57.	0.4	3
21	Cartographing of "spots" of radioactive pollution. Nuclear and Radiation Safety, 2018, , 49-54.	0.4	2