

Sergey I Spiridonov

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

495
citations

759233

12
h-index

642732

23
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40
all docs

40
docs citations

40
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of the exposure of atmospheric releases from Baltic nuclear power plant to members of the public and non-human biota. <i>Journal of Physics: Conference Series</i> , 2020, 1701, 012007.	0.4	0
2	Comparative Radioecological Assessment of Serious-Accident Scenarios in NPP on the Basis of the Risk for Natural Communities. <i>Atomic Energy</i> , 2019, 125, 198-203.	0.4	2
3	Irradiation Dose of the Woody Tier of a Coniferous Forest Due to Accidental Emissions from NPP. <i>Atomic Energy</i> , 2018, 123, 202-208.	0.4	1
4	The use of cluster analysis to assess potential impact of atmospheric discharges from NPP on biota. <i>Radiation and Risk</i> , 2018, 27, 43-52.	0.2	3
5	Radioecological balance of long-lived wastes of fast reactor and radioactive raw materials. <i>Regional Ecology</i> , 2018, 51, 11.	0.1	0
6	Estimated radiation doses to the population from exposure to routine atmospheric releases during long-term operation of the Leningrad NPP-2. <i>Radiation and Risk</i> , 2018, 27, 20-27.	0.2	0
7	Radioecological Validation of the Extraction Parameters of Fission Products and Actinides from Spent Nuclear Fuel from the BREST-OD-300 Reactor. <i>Atomic Energy</i> , 2017, 121, 214-219.	0.4	2
8	Analysis of the Human Biohazard of Long-Lived Fission Products and Actinides for BREST-OD-300 Spent Fuel. <i>Atomic Energy</i> , 2017, 123, 122-126.	0.4	4
9	Software for estimating radiation dose to reference organisms following long-term exposure to radioactive fallouts. <i>Radiation and Risk</i> , 2017, 26, 75-89.	0.2	0
10	Environmental Aspects of a Pilot Power Complex in Project Breakthrough. <i>Atomic Energy</i> , 2016, 120, 380-387.	0.4	2
11	Evaluation of the Effect of Radiation on the Biota Within the Regions of the Leningradskaya and Beloyarskaya NPPs. <i>Atomic Energy</i> , 2016, 119, 213-217.	0.4	0
12	Generalized Approach to Comparative Assessment of the Effect of Radiation from Nuclear Fuel Cycles on Biota. <i>Atomic Energy</i> , 2015, 118, 425-430.	0.4	2
13	Integral Indices of the Radiological Effect of Open and Closed Fuel Cycle Objects on the General Population. <i>Atomic Energy</i> , 2015, 118, 64-71.	0.4	1
14	Radiation Balance of Spent Nuclear Fuel from Thermal Reactors and the Equivalent Uranium Mass for Natural Organisms. <i>Atomic Energy</i> , 2014, 116, 428-432.	0.4	6
15	Estimation of the Radiation Dose to the Public Due to Atmospheric Emissions from the Rostov NPP. <i>Atomic Energy</i> , 2014, 115, 197-200.	0.4	1
16	Radioecological Assessment of a Uranium Deposit for Validation of the Radiation-Migration Balance of Long-Lived Wastes. <i>Atomic Energy</i> , 2013, 114, 43-50.	0.4	5
17	Effects of chronic exposure in populations of <i>Koeleria gracilis</i> Pers. from the Semipalatinsk nuclear test site, Kazakhstan. <i>Journal of Environmental Radioactivity</i> , 2012, 104, 55-63.	1.7	22
18	Effects of radioactive contamination on Scots pines in the remote period after the Chernobyl accident. <i>Ecotoxicology</i> , 2011, 20, 1195-1208.	2.4	57

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19	Genetic variability in Scotch pine populations of the Bryansk Region radioactively contaminated in the Chernobyl accident. Biophysics (Russian Federation), 2010, 55, 324-331.	0.7	9
20	Systems radioecology: Modeling of ecological processes and assessment of radiation risks. Biophysics (Russian Federation), 2010, 55, 484-490.	0.7	0
21	Regulatory radiation risks for the population and natural objects within the semipalatinsk test site. Radioprotection, 2009, 44, 251-257.	1.0	0
22	Estimation of radiation non-regulatory stochastic risks for meadow plants of the semipalatinsk test site. Radioprotection, 2009, 44, 259-264.	1.0	0
23	Model for assessing the irradiation doses of pasture vegetation. Russian Agricultural Sciences, 2009, 35, 244-248.	0.2	1
24	CHERNOBYL RADIONUCLIDE DISTRIBUTION, MIGRATION, AND ENVIRONMENTAL AND AGRICULTURAL IMPACTS. Health Physics, 2007, 93, 418-426.	0.5	30
25	Radionuclide migration in forest ecosystems – results of a model validation study. Journal of Environmental Radioactivity, 2005, 84, 285-296.	1.7	35
26	Comparative radiation impact on biota and man in the area affected by the accident at the Chernobyl nuclear power plant. Journal of Environmental Radioactivity, 2005, 80, 1-25.	1.7	39
27	Decision making framework for application of forest countermeasures in the long term after the Chernobyl accident. Journal of Environmental Radioactivity, 2005, 82, 143-166.	1.7	20
28	Title is missing!. Russian Journal of Ecology, 2003, 34, 104-109.	0.9	5
29	Analysis of Factors Determining Accumulation of ¹³⁷ Cs by Woody Plants. Russian Journal of Ecology, 2003, 34, 309-313.	0.9	0
30	¹³⁷ Cs distribution among annual rings of different tree species contaminated after the Chernobyl accident. Journal of Environmental Radioactivity, 2003, 65, 19-28.	1.7	35
31	¹³⁷ Cs availability for soil to understory transfer in different types of forest ecosystems. Science of the Total Environment, 2001, 269, 87-103.	8.0	57
32	Identification of processes governing long-term accumulation of ¹³⁷ Cs by forest trees following the Chernobyl accident. Radiation and Environmental Biophysics, 2001, 40, 105-113.	1.4	58
33	Analysis of the contribution of forest pathways to the radiation exposure of different population groups in the Bryansk region of Russia. Radiation and Environmental Biophysics, 2000, 39, 291-300.	1.4	23
34	Dynamics of ¹³⁷ Cs bioavailability in a soil-plant system in areas of the Chernobyl Nuclear Power Plant accident zone with a different physico-chemical composition of radioactive fallout. Journal of Environmental Radioactivity, 1997, 34, 287-313.	1.7	39
35	Dynamics of ¹³⁷ Cs Concentration in Agricultural Products in Areas of Russia Contaminated as a Result of the Accident at the Chernobyl Nuclear Power Plant. Radiation Protection Dosimetry, 1995, 60, 155-166.	0.8	31
36	The effects of acute irradiation on a forest biogeocenosis; experimental data, model and practical applications for accidental cases. Science of the Total Environment, 1994, 157, 357-369.	8.0	0

#	ARTICLE	IF	CITATIONS
37	Assessment of the effect of discharges from the novovoronezh atomic power plant on forest stands. Atomic Energy, 1993, 75, 819-824.	0.4	0