

Norikazu Kinoshita

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

781
citations

1163117

8
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

910
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of individual radionuclide distributions from the Fukushima nuclear accident covering central-east Japan. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19526-19529.	7.1	373
2	Recent near-Earth supernovae probed by global deposition of interstellar radioactive ^{60}Fe . Nature, 2016, 532, 69-72.	27.8	205
3	^{60}Fe and ^{244}Pu deposited on Earth constrain the r-process yields of recent nearby supernovae. Science, 2021, 372, 742-745.	12.6	60
4	Pre- and post-accident ^{129}I and ^{137}Cs levels, and $^{129}\text{I}/^{137}\text{Cs}$ ratios in soil near the Fukushima Dai-ichi Nuclear Power Plant, Japan. Journal of Environmental Radioactivity, 2016, 151, 209-217.	1.7	23
5	Vaporization Mechanisms of Water-Insoluble Cs in Ash During Thermal Treatment with Calcium Chloride Addition. Environmental Science & Technology, 2016, 50, 13328-13334.	10.0	19
6	Role of CaCl_2 and MgCl_2 addition in the vaporization of water-insoluble cesium from incineration ash during thermal treatment. Chemical Engineering Journal, 2017, 323, 114-123.	12.7	19
7	Anthropogenic Pu distribution in Tropical East Pacific. Science of the Total Environment, 2011, 409, 1889-1899.	8.0	16
8	Experimental Studies of Shielding and Irradiation Effects at High-Energy Accelerator Facilities. Nuclear Technology, 2009, 168, 482-486.	1.2	12
9	Shielding Experiments at High Energy Accelerators of Fermilab (IV) "Calculation Analyses". Progress in Nuclear Science and Technology, 2011, 1, 57-60.	0.3	8
10	Vaporization Behavior of Cs, K, and Na in Cs-Containing Incineration Bottom Ash during Thermal Treatment with CaCl_2 and CaO . Energy & Fuels, 2017, 31, 14045-14052.	5.1	6
11	Enhancement of Cs vaporization from simulated granular ash through thermal treatment in N_2 atmosphere with the addition of a mixture of CaCl_2 and CaO . Fuel, 2018, 214, 409-415.	6.4	6
12	Use of thermal treatment with CaCl_2 and CaO to remove ^{137}Cs in the soil collected from the area near the Fukushima Daiichi Nuclear Power Plant. Journal of Hazardous Materials, 2021, 401, 123364.	12.4	6
13	Shielding Experiments at High Energy Accelerators of Fermilab (II) "Spatial distribution measurement of reaction rate behind the shield and its application for Moyer model". Progress in Nuclear Science and Technology, 2011, 1, 48-51.	0.3	6
14	Depth Profile of Radioactivity Induced in the Thick Concrete Shield in EP1 Beam Line at the KEK 12-GeV Proton Synchrotron Facility. Nuclear Technology, 2009, 168, 694-699.	1.2	5
15	Proton capture cross sections on neutron-magic ^{144}Sm at astrophysically relevant energies. Physical Review C, 2016, 93, .	2.9	4
16	Accelerator Mass Spectrometry in Laboratory Nuclear Astrophysics. Journal of Physics: Conference Series, 2016, 665, 012076.	0.4	3
17	Synergistic Mechanisms of CaCl_2 and CaO on the Vaporization of Cs from Cs-Doped Ash during Thermal Treatment. Energy & Fuels, 2018, 32, 5433-5442.	5.1	3
18	Distribution and settling behavior of americium-241 in the tropical East Pacific. Science of the Total Environment, 2021, 753, 142087.	8.0	3

#	ARTICLE	IF	CITATIONS
19	Measurement of Neutron Cross Sections for Yttrium and Terbium at 287 MeV. Progress in Nuclear Science and Technology, 2011, 1, 89-93.	0.3	2
20	The Link Between the Local Bubble and Radioisotopic Signatures on Earth. , 2017, , .		1
21	Uncertainty derived from elemental analysis and its effect on the separation of radioactive waste into low-level radioactive waste and waste for clearance. Progress in Nuclear Energy, 2021, 131, 103597.	2.9	1
22	Radioisotopes of Fe-60 and Pu-244 derived from outside the solar system. Atmos, 2022, 64, 41-45.	0.0	0