Masahiro Hosoda

List of Publications by Year
in descending order

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		430874	477307
59	1,016	18	29
papers	citations	h-index	g-index

59	59	59	663
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heavy Metal Assessments of Soil Samples from a High Natural Background Radiation Area, Indonesia. Toxics, 2022, 10, 39.	3.7	8
2	222Rn and 226Ra Concentrations in Spring Water and Their Dose Assessment Due to Ingestion Intake. International Journal of Environmental Research and Public Health, 2022, 19, 1758.	2.6	6
3	Detection of biological responses to low-dose radiation in humans. Free Radical Biology and Medicine, 2022, 184, 196-207.	2.9	5
4	Monthly Precipitation Collected at Hirosaki, Japan: Its Tritium Concentration and Chemical and Stable Isotope Compositions. Atmosphere, 2022, 13, 848.	2.3	3
5	Health Effects of Natural Environmental Radiation during Burning Season in Chiang Mai, Thailand. Life, 2022, 12, 853.	2.4	1
6	A unique high natural background radiation area â€“ Dose assessment and perspectives. Science of the Total Environment, 2021, 750, 142346.	8.0	30
7	Discriminative Measurement of Absorbed Dose Rates in Air from Natural and Artificial Radionuclides in Namie Town, Fukushima Prefecture. International Journal of Environmental Research and Public Health, 2021, 18, 978.	2.6	11
8	Radon Activity Concentrations in Natural Hot Spring Water: Dose Assessment and Health Perspective. International Journal of Environmental Research and Public Health, 2021, 18, 920.	2.6	12
9	Long-Term Measurements of Radon and Thoron Exhalation Rates from the Ground Using the Vertical Distributions of Their Activity Concentrations. International Journal of Environmental Research and Public Health, 2021, 18, 1489.	2.6	10
10	Estimation of Effect of Radiation Dose Reduction for Internal Exposure by Food Regulations under the Current Criteria for Radionuclides in Foodstuff in Japan Using Monitoring Results. Foods, 2021, 10, 691.	4.3	5
11	Occupational Radiation Dose, Especially for Eye Lens: Hp(3), in Medical Staff Members Involved in Computed Tomography Examinations. Applied Sciences (Switzerland), 2021, 11, 4448.	2.5	5
12	Support activities in Namie Town, Fukushima undertaken by Hirosaki University. Annals of the ICRP, 2021, 50, 102-108.	3.8	0
13	Comprehensive exposure assessments from the viewpoint of health in a unique high natural background radiation area, Mamuju, Indonesia. Scientific Reports, 2021, 11, 14578.	3.3	22
14	Characterization of Commercially Available Active-Type Radonâ€“Thoron Monitors at Different Sampling Flow Rates. Atmosphere, 2021, 12, 971.	2.3	6
15	Temporal and Spatial Variation of Radon Concentrations in Environmental Water from Okinawa Island, Southwestern Part of Japan. International Journal of Environmental Research and Public Health, 2021, 18, 998.	2.6	2
16	A Preliminary Study of Radon Equilibrium Factor at a Tourist Cave in Okinawa, Japan. Atmosphere, 2021, 12, 1648.	2.3	3
17	CAR-BORNE SURVEY OF NATURAL BACKGROUND GAMMA RADIATION IN WESTERN, EASTERN AND SOUTHERN THAILAND. Radiation Protection Dosimetry, 2020, 188, 174-180.	0.8	6
18	CAESIUM RETENTION CHARACTERISTICS OF KNIFCâ€“PAN RESIN FROM RIVER WATER. Radiation Protection Dosimetry, 2020, 190, 320-323.	0.8	2

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19	An Improved Passive CR-39-Based Direct 222Rn/220Rn Progeny Detector. International Journal of Environmental Research and Public Health, 2020, 17, 8569.	2.6	4
20	Passive-Type Radon Monitor Constructed Using a Small Container for Personal Dosimetry. International Journal of Environmental Research and Public Health, 2020, 17, 5660.	2.6	1
21	Assessment of Radiation Dose from the Consumption of Bottled Drinking Water in Japan. International Journal of Environmental Research and Public Health, 2020, 17, 4992.	2.6	14
22	Natural Radioactivity of Laterite and Volcanic Rock Sample for Radioactive Mineral Exploration in Mamuju, Indonesia. Geosciences (Switzerland), 2020, 10, 376.	2.2	18
23	Importance of Discriminative Measurement for Radon Isotopes and Its Utilization in the Environment and Lessons Learned from Using the RADUET Monitor. International Journal of Environmental Research and Public Health, 2020, 17, 4141.	2.6	15
24	Impact of Wind Speed on Response of Diffusion-Type Radon-Thoron Detectors to Thoron. International Journal of Environmental Research and Public Health, 2020, 17, 3178.	2.6	9
25	Japanese population dose from natural radiation. Journal of Radiological Protection, 2020, 40, R99-R140.	1.1	31
26	The Importance of Direct Progeny Measurements for Correct Estimation of Effective Dose Due to Radon and Thoron. Frontiers in Public Health, 2020, 8, 17.	2.7	24
27	Exposures from radon, thoron, and thoron progeny in high background radiation area in Takandeang, Mamuju, Indonesia. Nukleonika, 2020, 65, 89-94.	0.8	19
28	Parameter sensitivity analysis of the theoretical model of a CR-39-based direct 222Rn/220Rn progeny monitor. Nukleonika, 2020, 65, 95-98.	0.8	2
29	Simultaneous measurements of indoor radon and thoron and inhalation dose assessment in Douala City, Cameroon. Isotopes in Environmental and Health Studies, 2019, 55, 499-510.	1.0	26
30	NATURAL RADIATION EXPOSURE TO THE PUBLIC IN MINING AND ORE BEARING REGIONS OF CAMEROON. Radiation Protection Dosimetry, 2019, 184, 391-396.	0.8	10
31	210Po as a source of natural radioactivity in cigarettes distributed in the Philippines. Perspectives in Science, 2019, 12, 100400.	0.6	7
32	Occupational Natural Radiation Exposure at the Uranium Deposit of Kitongo, Cameroon. Radioisotopes, 2019, 68, 621-630.	0.2	7
33	A portable radioactive plume monitor using a silicon photodiode. Perspectives in Science, 2019, 12, 100414.	0.6	2
34	Report on a Technical Meeting on the Implications of the New Dose Conversion Factors for Radon. Japanese Journal of Health Physics, 2019, 54, 226-230.	0.1	1
35	Evaluation of a Surface Collection Efficiency and a Stability of Flow Rate for the Commercially Available Filters Used for Ambient Radioactive Aerosols. Japanese Journal of Health Physics, 2019, 54, 5-12.	0.1	2
36	Numerical modeling of the sources and behaviors of 222Rn, 220Rn and their progenies in the indoor environmentâ€"A review. Journal of Environmental Radioactivity, 2018, 189, 40-47.	1.7	13

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37	Short Telomere Length as a Biomarker Risk of Lung Cancer Development Induced by High Radon Levels: A Pilot Study. International Journal of Environmental Research and Public Health, 2018, 15, 2152.	2.6	17
38	Characteristic of thoron (220 Rn) in environment. Applied Radiation and Isotopes, 2017, 120, 7-10.	1.5	29
39	Measurement system for alpha and beta emitters with continuous air sampling under different exposure situations. Applied Radiation and Isotopes, 2017, 126, 79-82.	1.5	7
40	Radiation dose due to radon and thoron progeny inhalation in high-level natural radiation areas of Kerala, India. Journal of Radiological Protection, 2017, 37, 111-126.	1.1	33
41	Remediation of Radiocesium-137 Affected Soil Using Napiergrass Under Different Planting Density and Cutting Frequency Regimes. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	9
42	Environmental Radiation Monitoring and External Dose Estimation in Aomori Prefecture after the Fukushima Daiichi Nuclear Power Plant Accident. Japanese Journal of Health Physics, 2016, 51, 41-50.	0.1	25
43	Understanding of Basic Knowledge on Radiation among General Public. Japanese Journal of Health Physics, 2016, 51, 92-97.	0.1	2
44	Source of Atmospheric Radon in the Gyokusendo, a Limestone Cave in Okinawa, Japan. Japanese Journal of Health Physics, 2016, 51, 218-226.	0.1	4
45	A pilot study for dose evaluation in high-level natural radiation areas of Yangjiang, China. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 317-323.	1.5	21
46	Distribution and retention of Cs radioisotopes in soil affected by Fukushima nuclear plant accident. Journal of Soils and Sediments, 2015, 15, 374-380.	3.0	31
47	Radiation Dose Reduction Efficiency of Buildings after the Accident at the Fukushima Daiichi Nuclear Power Station. PLoS ONE, 2014, 9, e101650.	2.5	9
48	Reduction factors for wooden houses due to external Î³-radiation based on in situ measurements after the Fukushima nuclear accident. Scientific Reports, 2014, 4, 7541.	3.3	18
49	Naturally occurring radionuclides and rare earth elements in weathered Japanese soil samples. Acta Geophysica, 2013, 61, 876-885.	2.0	18
50	Estimation of internal exposure of the thyroid to 131I on the basis of 134Cs accumulated in the body among evacuees of the Fukushima Daiichi Nuclear Power Station accident. Environment International, 2013, 61, 73-76.	10.0	41
51	Activity Concentration of Natural Radionuclides and Radon and Thoron Exhalation Rates in Rocks Used as Decorative Wall Coverings in Japan. Health Physics, 2013, 104, 41-50.	0.5	15
52	Thyroid doses for evacuees from the Fukushima nuclear accident. Scientific Reports, 2012, 2, 507.	3.3	144
53	The time variation of dose rate artificially increased by the Fukushima nuclear crisis. Scientific Reports, 2011, 1, 87.	3.3	66
54	Development and application of a continuous measurement system for radon exhalation rate. Review of Scientific Instruments, 2011, 82, 015101.	1.3	24

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55	Simultaneous Measurements of Radon and Thoron Exhalation Rates and Comparison with Values Calculated by UNSCEAR Equation. Journal of Radiation Research, 2009, 50, 333-343.	1.6	53
56	Effect of Soil Moisture Content on Radon and Thoron Exhalation. Journal of Nuclear Science and Technology, 2007, 44, 664-672.	1.3	75
57	é–¢æ±åœ°æ–¹åœ°è¡¨ã,¬ãƒ³ãƒžç·šå^†å‚. Radioisotopes, 2007, 56, 315-320.	0.2	5
58	In situ Measurements of Radon and Thoron Exhalation Rates and Their Geological Interpretation. Japanese Journal of Health Physics, 2004, 39, 206-214.	0.1	19
59	A unique high natural background radiation area in Indonesia: a brief review from the viewpoint of dose assessments. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	9