

Edson Ramos De Andrade

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Life-shortening effects of radiological weapons in military operations. Journal of Defense Modeling and Simulation, 2023, 20, 295-301.	1.2	2
2	Radiological urban threat due to special protective actions from security forces. Journal of Defense Modeling and Simulation, 2022, 19, 649-657.	1.2	2
3	Influence of radiotherapy room shielding on ambient dose equivalent due to photons $H^*(10)_p$ and neutrons $H^*(10)_n$ in the patient's plane. Applied Radiation and Isotopes, 2022, 181, 110095.	0.7	0
4	Evaluation of the radiological risk in cargo scanning by comparison with known biological consequences. Radioprotection, 2022, 57, 67-70.	0.5	2
5	Fast radiological safety evaluation applied to maintenance in cargo and container inspection facilities. Toxicology and Industrial Health, 2022, 38, 176-181.	0.6	2
6	Evaluating urban resilience in a disruptive radioactive event. Progress in Nuclear Energy, 2022, 147, 104218.	1.3	10
7	Immediate decisions based on long-term consequence evaluation for a radiological event. Journal of Defense Modeling and Simulation, 2021, 18, 365-373.	1.2	4
8	Políticas públicas do setor energético renovável no Estado da Paraíba (Nordeste do Brasil): limitações legislativas, entraves técnicos e perspectivas regulamentares. Revista Brasileira De Gestão Ambiental E Sustentabilidade, 2021, 8, 107-119.	0.0	0
9	Potential influence of cognitive bias on decision-making in a flood scenario. International Journal of Disaster Risk Reduction, 2021, 57, 102198.	1.8	5
10	Radiological Consequences Modelling for a Land Based Operations Environment. Defence Science Journal, 2021, 71, 470-475.	0.5	6
11	Potential urban threat after a radiological fire event. Applied Radiation and Isotopes, 2021, 176, 109905.	0.7	2
12	Impact of the affected population size assessment on the decision-making after a nuclear event. Applied Radiation and Isotopes, 2021, 176, 109907.	0.7	2
13	MCNPX computational modeling applied to the potential dose rates calculation of cargo scanning. Applied Radiation and Isotopes, 2021, 178, 109967.	0.7	3
14	Evaluation of cancer risk after a release from a hypothetical nuclear reactor steam generator tube rupture accident (SGTR). Annals of Nuclear Energy, 2020, 136, 107023.	0.9	6
15	Urban critical infrastructure disruption after a radiological dispersive device event. Journal of Environmental Radioactivity, 2020, 222, 106358.	0.9	8
16	Shielding implications on secondary radiation doses in prostate cancer treatment. Applied Radiation and Isotopes, 2020, 163, 109163.	0.7	2
17	Study on radiation dosimetry and radioprotection applied to Seaport Cargo Inspection Activity. Applied Radiation and Isotopes, 2020, 160, 109130.	0.7	2
18	Solid cancer risk dependence on the Pasquill-Gifford atmospheric stability classes in a radiological event. Radiation and Environmental Biophysics, 2020, 59, 337-342.	0.6	3

#	ARTICLE	IF	CITATIONS
19	A modeled radiological dispersive device release and the impact to decision-making in an urban environment. <i>Nuclear Technology and Radiation Protection</i> , 2020, 35, 316-322.	0.3	3
20	Protótipo de computador de baixo custo adaptado à energia solar fotovoltaica utilizando baterias produzidas a partir de células de carga recicladas. <i>Revista Brasileira De Gestão Ambiental E Sustentabilidade</i> , 2020, 7, 1679-1700.	0.0	0
21	Radiation-induced cancer risk and decision-making in a simulated Cs-137 urban event. <i>Nukleonika</i> , 2020, 65, 37-43.	0.3	5
22	Brazilian regulatory authority contribution to the shielding dimensioning model of radiotherapy rooms proposed by the NCRP 151. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 065016.	0.6	0
23	Potential contribution of selected metallic restorative dentistry materials to X-ray fluorescence. <i>Radioprotection</i> , 2019, 54, 175-179.	0.5	2
24	The vertical radiation dose profile and decision-making in a simulated urban event. <i>Journal of Environmental Radioactivity</i> , 2019, 208-209, 106034.	0.9	3
25	Simulated nuclear contamination scenario, solid cancer risk assessment, and support to decision. <i>Nukleonika</i> , 2019, 64, 41-48.	0.3	7
26	Cost-effective approach to lung cancer risk for a radiological dispersal device (RDD) scenario. <i>Nukleonika</i> , 2019, 64, 123-129.	0.3	4
27	Support to triage and public risk perception considering long-term response to a Cs-137 radiological dispersive device scenario. <i>Toxicology and Industrial Health</i> , 2018, 34, 433-438.	0.6	8
28	Decontamination of Mikania glomerata Leaves by Gamma Irradiation: Coumarin Determination by HPLC-DAD, Microbiological Control and Genotoxicological Studies. <i>Planta Medica</i> , 2018, 84, 65-72.	0.7	1
29	Selective contribution of concrete shielding on the equivalent and effective doses in a prostate radiotherapy treatment. <i>Radioprotection</i> , 2018, 53, 27-31.	0.5	5
30	Ameliorative effect of black grape juice on systemic alterations and mandibular osteoradionecrosis induced by whole brain irradiation in rats. <i>International Journal of Radiation Biology</i> , 2017, 93, 204-213.	1.0	5
31	Radiological Risk Assessment by Convergence Methodology Model in RDD Scenarios. <i>Risk Analysis</i> , 2016, 36, 2039-2046.	1.5	18
32	Distribution of ²³⁸ U, ²³² Th, ⁴⁰ K, and ¹³⁷ Cs concentrations in soil samples nearby a nuclear laboratory, Capao Island, Brazil. <i>Nuclear Technology and Radiation Protection</i> , 2015, 30, 149-153.	0.3	1
33	Black Grape Juice Protects Spleen from Lipid Oxidation Induced by Gamma Radiation in Rats. <i>Journal of Food Biochemistry</i> , 2014, 38, 119-127.	1.2	14
34	Purple grape juice as a protector against acute x-irradiation induced alterations on mobility, anxiety, and feeding behaviour in mice. <i>Nutricion Hospitalaria</i> , 2014, 29, 812-21.	0.2	11
35	Effect of Black Grape Juice against Heart Damage from Acute Gamma TBI in Rats. <i>Molecules</i> , 2013, 18, 12154-12167.	1.7	31
36	Terrorist Radiological Dispersive Device (RDD) Scenario and Cancer Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2012, 18, 971-983.	1.7	12

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37	Evaluation of the potential protective effects of ad libitum black grape juice against liver oxidative damage in whole-body acute X-irradiated rats. Food and Chemical Toxicology, 2011, 49, 1026-1032.	1.8	22