

Vladimir M MarkoviÄ

List of Publications by Year in descending order

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papers

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1478505

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docs citations

24
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78
citing authors

#	ARTICLE	IF	CITATIONS
1	Deposition rates of unattached and attached radon progeny in room with turbulent airflow and ventilation. <i>Journal of Environmental Radioactivity</i> , 2009, 100, 585-589.	1.7	10
2	Relationship between deposition and attachment rates in Jacobi room model. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 349-352.	1.7	8
3	Gamma and beta doses in human organs due to radon progeny in human lung. <i>Radiation Protection Dosimetry</i> , 2009, 135, 197-202.	0.8	7
4	Monte Carlo calculations of lung dose in ORNL phantom for boron neutron capture therapy. <i>Radiation Protection Dosimetry</i> , 2014, 161, 269-273.	0.8	7
5	Distribution of alpha particle tracks on CR-39 detector in radon diffusion chamber. <i>Radiation Physics and Chemistry</i> , 2021, 181, 109340.	2.8	7
6	New method for determination of diffraction light pattern of the arbitrary surface. <i>Optics and Laser Technology</i> , 2017, 90, 90-95.	4.6	6
7	Doses in human organs due to alpha, beta and gamma radiations emitted by thoron progeny in the lung. <i>Radiation Protection Dosimetry</i> , 2010, 141, 428-431.	0.8	5
8	Doses from beta radiation in sensitive layers of human lung and dose conversion factors due to $^{222}\text{Rn}/^{220}\text{Rn}$ progeny. <i>Radiation and Environmental Biophysics</i> , 2011, 50, 431-440.	1.4	5
9	^{222}Rn and ^{220}Rn diffusion in two mediums. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 857, 16-23.	1.6	5
10	First steps towards national radon action plan in Serbia. <i>Nukleonika</i> , 2016, 61, 361-365.	0.8	5
11	Doses from radon progeny as a source of external beta and gamma radiation. <i>Radiation and Environmental Biophysics</i> , 2012, 51, 391-397.	1.4	4
12	MCNP simulation of the dose distribution in liver cancer treatment for BNC therapy. <i>Open Physics</i> , 2014, 12, .	1.7	3
13	Time dependence of ^{222}Rn , ^{220}Rn and their progenies' distributions in a diffusion chamber. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 872, 93-99.	1.6	3
14	Rn progeny diffusion, deposition and track distribution in diffusion chamber with permeable membrane. <i>Radiation Measurements</i> , 2019, 124, 146-157.	1.4	3
15	Photon albedo for water, concrete, and iron at normal incidence, and dependence on the thickness of reflecting material. <i>Nuclear Technology and Radiation Protection</i> , 2013, 28, 36-44.	0.8	3
16	Correlations between track parameters in a solid-state nuclear track detector and its diffraction pattern. <i>Radiation Physics and Chemistry</i> , 2022, 193, 109986.	2.8	3
17	Specific energy distribution within cytoplasm and nucleoplasm of a typical mammalian cell due to various beta radionuclides. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1723-1730.	1.5	2
18	Diffraction pattern by rotated conical tracks in solid state nuclear track detectors. <i>Optics and Laser Technology</i> , 2016, 80, 204-208.	4.6	2

#	ARTICLE	IF	CITATIONS
19	Propagation of light from dipole source and generalization of Fresnel-Kirchhoff integral. <i>Optik</i> , 2019, 180, 447-454.	2.9	2
20	Results of the first national indoor radon survey performed in Serbia. <i>Journal of Radiological Protection</i> , 2020, 40, N22-N30.	1.1	2
21	Monte Carlo investigation of electron specific energy distribution in a single cell model. <i>Radiation and Environmental Biophysics</i> , 2020, 59, 161-171.	1.4	1
22	Alpha track distribution on lateral wall of cylindrical radon diffusion chamber. <i>Radiation Physics and Chemistry</i> , 2022, 191, 109873.	2.8	1
23	Influence of electron motion in target atom on stopping power for low-energetic ions. <i>Nuclear Technology and Radiation Protection</i> , 2012, 27, 113-116.	0.8	0
24	Simple method for numerical solving of Schroedinger equation for hydrogen atom in electric field. <i>Nuclear Technology and Radiation Protection</i> , 2018, 33, 239-245.	0.8	0