

Vladimir M MarkoviÄ

List of Publications by Year in descending order

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all docs

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docs citations

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78
citing authors

#	ARTICLE	IF	CITATIONS
1	Alpha track distribution on lateral wall of cylindrical radon diffusion chamber. Radiation Physics and Chemistry, 2022, 191, 109873.	2.8	1
2	Correlations between track parameters in a solid-state nuclear track detector and its diffraction pattern. Radiation Physics and Chemistry, 2022, 193, 109986.	2.8	3
3	Distribution of alpha particle tracks on CR-39 detector in radon diffusion chamber. Radiation Physics and Chemistry, 2021, 181, 109340.	2.8	7
4	Monte Carlo investigation of electron specific energy distribution in a single cell model. Radiation and Environmental Biophysics, 2020, 59, 161-171.	1.4	1
5	Results of the first national indoor radon survey performed in Serbia. Journal of Radiological Protection, 2020, 40, N22-N30.	1.1	2
6	Rn progeny diffusion, deposition and track distribution in diffusion chamber with permeable membrane. Radiation Measurements, 2019, 124, 146-157.	1.4	3
7	Propagation of light from dipole source and generalization of Fresnel-Kirchhoff integral. Optik, 2019, 180, 447-454.	2.9	2
8	Simple method for numerical solving of Schroedinger equation for hydrogen atom in electric field. Nuclear Technology and Radiation Protection, 2018, 33, 239-245.	0.8	0
9	^{222}Rn and ^{220}Rn diffusion in two mediums. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 857, 16-23.	1.6	5
10	New method for determination of diffraction light pattern of the arbitrary surface. Optics and Laser Technology, 2017, 90, 90-95.	4.6	6
11	Time dependence of ^{222}Rn , ^{220}Rn and their progenies' distributions in a diffusion chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 872, 93-99.	1.6	3
12	Diffraction pattern by rotated conical tracks in solid state nuclear track detectors. Optics and Laser Technology, 2016, 80, 204-208.	4.6	2
13	First steps towards national radon action plan in Serbia. Nukleonika, 2016, 61, 361-365.	0.8	5
14	Specific energy distribution within cytoplasm and nucleoplasm of a typical mammalian cell due to various beta radionuclides. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1723-1730.	1.5	2
15	MCNP simulation of the dose distribution in liver cancer treatment for BNC therapy. Open Physics, 2014, 12, .	1.7	3
16	Monte Carlo calculations of lung dose in ORNL phantom for boron neutron capture therapy. Radiation Protection Dosimetry, 2014, 161, 269-273.	0.8	7
17	Photon albedo for water, concrete, and iron at normal incidence, and dependence on the thickness of reflecting material. Nuclear Technology and Radiation Protection, 2013, 28, 36-44.	0.8	3
18	Doses from radon progeny as a source of external beta and gamma radiation. Radiation and Environmental Biophysics, 2012, 51, 391-397.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Influence of electron motion in target atom on stopping power for low-energetic ions. Nuclear Technology and Radiation Protection, 2012, 27, 113-116.	0.8	0
20	Doses from beta radiation in sensitive layers of human lung and dose conversion factors due to ²²² Rn/ ²²⁰ Rn progeny. Radiation and Environmental Biophysics, 2011, 50, 431-440.	1.4	5
21	Relationship between deposition and attachment rates in Jacobi room model. Journal of Environmental Radioactivity, 2010, 101, 349-352.	1.7	8
22	Doses in human organs due to alpha, beta and gamma radiations emitted by thoron progeny in the lung. Radiation Protection Dosimetry, 2010, 141, 428-431.	0.8	5
23	Deposition rates of unattached and attached radon progeny in room with turbulent airflow and ventilation. Journal of Environmental Radioactivity, 2009, 100, 585-589.	1.7	10
24	Gamma and beta doses in human organs due to radon progeny in human lung. Radiation Protection Dosimetry, 2009, 135, 197-202.	0.8	7