

Mukesh Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8974930/publications.pdf>

Version: 2024-02-01

27
papers

384
citations

1163117
8
h-index

794594
19
g-index

27
all docs

27
docs citations

27
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural activities of ^{238}U , ^{235}U and ^{226}Ra in some Indian building materials. Radiation Measurements, 2003, 36, 465-469.	1.4	104
2	Study of uranium, radium and radon exhalation rate in soil samples from some areas of Kangra district, Himachal Pradesh, India using solid-state nuclear track detectors. Radiation Measurements, 2003, 36, 363-366.	1.4	60
3	Electrical and Optical Properties of O^{6+} Ion Beam-Irradiated Polymers. International Journal of Polymer Analysis and Characterization, 2014, 19, 204-211.	1.9	57
4	The study of indoor radon in dwellings of Bathinda district, Punjab, India and its correlation with uranium and radon exhalation rate in soil. Radiation Measurements, 2005, 39, 535-542.	1.4	37
5	Trace Level Determination of U, Zn, Cd, Pb and Cu in Drinking Water Samples. Environmental Monitoring and Assessment, 2006, 112, 283-292.	2.7	30
6	Uranium content measurement in drinking water samples using track etch technique. Radiation Measurements, 2003, 36, 479-481.	1.4	23
7	Evaluation of uranium and other toxic heavy metals in drinking water of Chamba district, Himachal Pradesh, India for possible health hazards. Environmental Earth Sciences, 2021, 80, 1.	2.7	12
8	Uranium analysis in some food samples collected from Bathinda area of Punjab, India. Indian Journal of Physics, 2009, 83, 1045-1050.	1.8	11
9	A study of radon and thoron concentration in the soils along the active fault of NW Himalayas in India. Annals of Geophysics, 2017, 60, .	1.0	8
10	Sheath formation in the presence of non-extensive electron distribution. Contributions To Plasma Physics, 2021, 61, e202100047.	1.1	7
11	The Influence of Neutron Irradiation in CR-39 Polymer. Oriental Journal of Chemistry, 2015, 31, 1201-1204.	0.3	6
12	Indoor radon monitoring in the Mandi district of Himachal Pradesh, India, for health hazard assessment. Radioprotection, 2016, 51, 47-50.	1.0	5
13	Gamma ray induced modifications in cellulose triacetate polymer used as a solid-state nuclear track detector. AIP Conference Proceedings, 2017, , .	0.4	4
14	Structural, Optical and Thermal Properties of PVC/ Polyaniline Composite Thin Films. Jom, 2022, 74, 354-360.	1.9	4
15	Structural and Thermal Adaptations in Polyaniline Emeraldine Salt Composites with Ferrous Oxalate. Journal of Electronic Materials, 2017, 46, 1261-1269.	2.2	3
16	Radioactivity monitoring in the vicinity of Jawalamukhi thrust NW Himalaya, India for tectonic study. Natural Hazards, 2022, 111, 2219-2240.	3.4	3
17	Radon estimation in water resources of Mandi - Dharamshala region of Himachal Pradesh, India for health risk assessments. AIP Conference Proceedings, 2017, , .	0.4	2
18	Determination of terrestrial radionuclides and related radiological risks in the soils from Pangri Valley of Chamba, Himachal Pradesh, India. Journal of Physics: Conference Series, 2020, 1531, 012035.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Gamma Irradiated Graphene Oxide-Polypyrrole Nanocomposites. Journal of Physics: Conference Series, 2020, 1531, 012034.	0.4	2
20	Synthesis and characterization of polyaniline-nickel chloride composites. Journal of Physics: Conference Series, 2020, 1531, 012002.	0.4	2
21	Feasibility study of a chlorophyll dosimeter for high energy X-ray beam used in radiotherapy. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	1
22	Determination and validation of the initial beam parameters of Elekta Agility collimator head by Monte Carlo simulations. Physical and Engineering Sciences in Medicine, 2022, 45, 889-899.	2.4	1
23	The influence of solar radiations to the physical and structural properties of CR-39. Indian Journal of Physics, 2009, 83, 821-826.	1.8	0
24	Radon exhalation rates in the soil samples of Dharamshala region of Himachal Pradesh NW Himalaya, India and their comparison with developing a theoretical model. AIP Conference Proceedings, 2018, , .	0.4	0
25	Measurement of radon exhalation rate of soil samples from Bharmour - Tisa province of Himachal Pradesh, India using can technique method. AIP Conference Proceedings, 2018, , .	0.4	0
26	Effects of Neutron Irradiation on Polymer. Springer Series on Polymer and Composite Materials, 2019, , 351-368.	0.7	0
27	Mathematical Modelling to estimate Radon exhalation rates: A study on soil samples from Pangti valley of Chamba district, Himachal Pradesh, India. Journal of Physics: Conference Series, 2022, 2267, 012123.	0.4	0