

Mukesh Kumar

List of Publications by Year in descending order

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27
papers

384
citations

1162367

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h-index

794141

19
g-index

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all docs

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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. | 0.7 | 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. | 0.7 | 60 |
| 3 | Electrical and Optical Properties of ^{60}Co Ion Beam Irradiated Polymers. International Journal of Polymer Analysis and Characterization, 2014, 19, 204-211. | 0.9 | 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. | 0.7 | 37 |
| 5 | Trace Level Determination of U, Zn, Cd, Pb and Cu in Drinking Water Samples. Environmental Monitoring and Assessment, 2006, 112, 283-292. | 1.3 | 30 |
| 6 | Uranium content measurement in drinking water samples using track etch technique. Radiation Measurements, 2003, 36, 479-481. | 0.7 | 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. | 1.3 | 12 |
| 8 | Uranium analysis in some food samples collected from Bathinda area of Punjab, India. Indian Journal of Physics, 2009, 83, 1045-1050. | 0.9 | 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, . | 0.5 | 8 |
| 10 | Sheath formation in the presence of non-extensive electron distribution. Contributions To Plasma Physics, 2021, 61, e202100047. | 0.5 | 7 |
| 11 | The Influence of Neutron Irradiation in CR-39 Polymer. Oriental Journal of Chemistry, 2015, 31, 1201-1204. | 0.1 | 6 |
| 12 | Indoor radon monitoring in the Mandi district of Himachal Pradesh, India, for health hazard assessment. Radioprotection, 2016, 51, 47-50. | 0.5 | 5 |
| 13 | Gamma ray induced modifications in cellulose triacetate polymer used as a solid-state nuclear track detector. AIP Conference Proceedings, 2017, , . | 0.3 | 4 |
| 14 | Structural, Optical and Thermal Properties of PVC/ Polyaniline Composite Thin Films. Jom, 2022, 74, 354-360. | 0.9 | 4 |
| 15 | Structural and Thermal Adaptations in Polyaniline Emeraldine Salt Composites with Ferrous Oxalate. Journal of Electronic Materials, 2017, 46, 1261-1269. | 1.0 | 3 |
| 16 | Radioactivity monitoring in the vicinity of Jawalamukhi thrust NW Himalaya, India for tectonic study. Natural Hazards, 2022, 111, 2219-2240. | 1.6 | 3 |
| 17 | Radon estimation in water resources of Mandi - Dharamshala region of Himachal Pradesh, India for health risk assessments. AIP Conference Proceedings, 2017, , . | 0.3 | 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. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Synthesis and Characterization of Gamma Irradiated Graphene Oxide-Polypyrrole Nanocomposites. Journal of Physics: Conference Series, 2020, 1531, 012034. | 0.3 | 2 |
| 20 | Synthesis and characterization of polyaniline-nickel chloride composites. Journal of Physics: Conference Series, 2020, 1531, 012002. | 0.3 | 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. | 0.7 | 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. | 1.3 | 1 |
| 23 | The influence of solar radiations to the physical and structural properties of CR-39. Indian Journal of Physics, 2009, 83, 821-826. | 0.9 | 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, , . | 0.3 | 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, , . | 0.3 | 0 |
| 26 | Effects of Neutron Irradiation on Polymer. Springer Series on Polymer and Composite Materials, 2019, , 351-368. | 0.5 | 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. | 0.3 | 0 |