Arvind Kumar

List of Publications by Year
in descending order

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49 papers	1,444 citations	318942 23 h-index	371746 37 g-index
51 all docs	51 docs citations	51 times ranked	796 citing authors

#	Article	IF	Citations
1	Radioactivity monitoring in the vicinity of Jawalamukhi thrust NW Himalaya, India for tectonic study. Natural Hazards, 2022, 111, 2219-2240.	1.6	3
2	Quantification of the dependence of the emanation of radon from water on the pH and temperature of water. Radiation Physics and Chemistry, 2022, 200, 110308.	1.4	1
3	Decomposition of continuous soilâ€“gas radon time series data observed at Dharamshala region of NW Himalayas, India for seismic studies. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 1019-1035.	0.7	8
4	An Automatic System for Continuous Monitoring and Sampling of Groundwater Geochemistry in Earthquake-Prone Regions of SW Taiwan. Frontiers in Earth Science, 2021, 9, .	0.8	5
5	Improved semi automatic approach to count the tracks on LR-115 film for monitoring of radioactive elements. Applied Radiation and Isotopes, 2021, 176, 109863.	0.7	1
6	Radon Monitoring in Artesian Wells at Mato-san Area of South Taiwan for Mud Eruption Studies. Journal of the Geological Society of India, 2021, 97, 1590-1592.	0.5	0
7	Real-time database for geochemical earthquake precursory research. Natural Hazards, 2020, 104, 1359-1369.	1.6	3
8	Gamma Ray and Radon Anomalies in Northern Taiwan as a Possible Preearthquake Indicator around the Plate Boundary. Geofluids, 2019, 2019, 1-14.	0.3	9
9	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
10	Characterization of some selected mud volcanoes of southern Taiwan. Acta Geophysica, 2018, 66, 1257-1265.	1.0	4
11	Soil gas survey in and around Shanchiao fault of northern Taiwan for establishing continuous monitoring station. Acta Geophysica, 2018, 66, 1213-1221.	1.0	4
12	Integrated radon monitoring in Tatun Volcanic Areas of Northern Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2018, 29, 261-273.	0.3	5
13	Spatial and temporal anomalies of soil gas in northern Taiwan and its tectonic and seismic implications. Journal of Asian Earth Sciences, 2017, 149, 64-77.	1.0	44
14	Exploring the relationship between soil degassing and seismic activity by continuous radon monitoring in the Longitudinal Valley of eastern Taiwan. Chemical Geology, 2017, 469, 163-175.	1.4	32
15	Radon estimation in water resources of Mandi - Dharamshala region of Himachal Pradesh, India for health risk assessments. AIP Conference Proceedings, 2017, , .	0.3	2
16	Assesment of the response of the meteorological/hydrological parameters on the soil gas radon emission at Hsinchu, northern Taiwan: A prerequisite to identify earthquake precursors. Journal of Asian Earth Sciences, 2017, 149, 49-63.	1.0	34
17	Preseismic anomalies in soil-gas radon associated with 2016 M 6.6 Meinong earthquake, Southern Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2017, 28, 787-798.	0.3	28
18	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

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19	Indoor radon monitoring in the Mandi district of Himachal Pradesh, India, for health hazard assessment. Radioprotection, 2016, 51, 47-50.	0.5	5
20	SOIL²²²Rn CONCENTRATION, CO₂AND CH₄FLUX MEASUREMENTS AROUND THE JWALAMUKHI AREA OF NORTH-WEST HIMALAYAS, INDIA. Radiation Protection Dosimetry, 2016, 171, 262-266.	0.4	3
21	Identifications and removal of diurnal and semidiurnal variations in radon time series data of Hsinhua monitoring station in SW Taiwan using singular spectrum analysis. Natural Hazards, 2015, 79, 317-330.	1.6	32
22	Study of soil gas radon variations in the tectonically active Dharamshala and Chamba regions, Himachal Pradesh, India. Environmental Earth Sciences, 2014, 72, 2837-2847.	1.3	12
23	Radon-thoron monitoring in Tatun volcanic areas of northern Taiwan using LR-115 alpha track detector technique: Pre-calibration and installation. Acta Geophysica, 2013, 61, 958-976.	1.0	11
24	Temporal variation of soil gas compositions for earthquake surveillance in Taiwan. Radiation Measurements, 2013, 50, 154-159.	0.7	57
25	Soil gas radonâ€“thoron monitoring in Dharamsala area of north-west Himalayas, India using solid state nuclear track detectors. Journal of Earth System Science, 2013, 122, 1295-1301.	0.6	10
26	Soil radon flux and concentrations in hydrothermal area of the Tatun Volcano Group, Northern Taiwan. Geochemical Journal, 2011, 45, 483-490.	0.5	29
27	Soil gas radon analysis in some areas of Northern Punjab, India. Environmental Monitoring and Assessment, 2011, 174, 209-217.	1.3	13
28	Monitoring of TDS and conductivity in groundwater in the seismically active region in NW Himalayas, India. Earthquake Science, 2010, 23, 295-299.	0.4	0
29	Soil-gas radon/helium surveys in some neotectonic areas of NW Himalayan foothills, India. Natural Hazards and Earth System Sciences, 2010, 10, 1221-1227.	1.5	17
30	Radon Monitoring in Soil Gas and Ground Water for Earthquake Prediction Studies in North West Himalayas, India. Terrestrial, Atmospheric and Oceanic Sciences, 2010, 21, 685.	0.3	28
31	Nitrogen as the carrier gas for helium emission along an active fault in NW Taiwan. Applied Geochemistry, 2010, 25, 593-601.	1.4	22
32	Soilâ€“gas monitoring: A tool for fault delineation studies along Hsinhua Fault (Tainan), Southern Taiwan. Applied Geochemistry, 2010, 25, 602-607.	1.4	83
33	Continuous temporal soil-gas composition variations for earthquake precursory studies along Hsincheng and Hsinhua faults in Taiwan. Radiation Measurements, 2009, 44, 934-939.	0.7	36
34	Variations of soilâ€“gas composition around the active Chihshang Fault in a plate suture zone, eastern Taiwan. Radiation Measurements, 2009, 44, 940-944.	0.7	33
35	Earthquake precursory studies in Kangra valley of North West Himalayas, India, with special emphasis on radon emission. Applied Radiation and Isotopes, 2009, 67, 1904-1911.	0.7	52
36	Geochemical variation of soilâ€“gas composition for fault trace and earthquake precursory studies along the Hsincheng fault in NW Taiwan. Applied Radiation and Isotopes, 2009, 67, 1855-1863.	0.7	56

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37	Radioactivity measurements in the environment of the Udhampur area, Jammu and Kashmir Himalayas, India. Radiation Effects and Defects in Solids, 2009, 164, 719-725.	0.4	5
38	Fault delineation study using soilâ€“gas method in the Dharamsala area, NW Himalayas, India. Radiation Measurements, 2008, 43, S337-S342.	0.7	53
39	Variations of helium and radon concentrations in soil gases from an active fault zone in southern Taiwan. Radiation Measurements, 2008, 43, S348-S352.	0.7	54
40	Geological and tectonic influence on waterâ€“soilâ€“radon relationship in Mandiâ€“Manali area, Himachal Himalaya. Environmental Geology, 2007, 52, 1163-1171.	1.2	45
41	Uranium, Radium and Radon Measurements in the Environs of Nurpur Area, Himachal Himalayas, India. Environmental Monitoring and Assessment, 2007, 128, 301-309.	1.3	25
42	Radon Precursory Signals for Some Earthquakes of Magnitude > 5 Occurred in N-W Himalaya: An Overview. Pure and Applied Geophysics, 2006, 163, 711-721.	0.8	50
43	Spatial variations of radon and helium concentrations in soil-gas across the Shan-Chiao fault, Northern Taiwan. Radiation Measurements, 2005, 40, 513-516.	0.7	93
44	Reconnaissance of soil gas composition over the buried fault and fracture zone in southern Taiwan. Geochemical Journal, 2005, 39, 427-439.	0.5	92
45	Earthquake Prediction Studies Using Radon as a Precursor in N-W Himalayas, India: A Case Study. Terrestrial, Atmospheric and Oceanic Sciences, 2005, 16, 775.	0.3	102
46	Composition and exhalation flux of gases from mud volcanoes in Taiwan. Environmental Geology, 2004, 46, 1003-1011.	1.2	94
47	Relationships between radon anomalies and seismic parameters in N-W Himalaya, India. Radiation Measurements, 2003, 36, 393-396.	0.7	40
48	Radon monitoring in groundwater of some areas of Himachal Pradesh and Punjab states, India. Journal of Environmental Monitoring, 2003, 5, 122-125.	2.1	18
49	Helium/radon precursory anomalies of Chamoli earthquake, Garhwal Himalaya, India. Journal of Geodynamics, 2001, 31, 201-210.	0.7	68