

## List of Publications

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1. Uranium analysis in drinking water samples for health risk assessments. (2010)  
Surinder Singh, Baldev Singh, Kawaljit Singh, Arvind Kumar, Sanjeev Kumar,  
Vinod Kumar, Bhupinder Singh and Ajay Kumar.  
*Atti della Fondazione Giorgio Ronchi Anno LXV(2)*: 173-180.
2. Distribution, Enrichment and Principal component analysis for possible sources of naturally occurring and Anthropogenic Radio nuclides in the Agricultural soil of Punjab state, India. (2011)  
Ajay Kumar, Vikram M. Joshi, Manish K. Mishra, Rupali Karpe, Sabyasachi Rout, Usha Narayanan, Raj M. Tripathi, Jaspal Singh, Sanjeev Kumar, Ashok G. Hegde and Hari S.Kushwaha.  
*Radiation Protection Dosimetry* **150(1)**: 71-81.
3. Assessment of natural radioactivity in soil samples and comparison of direct and indirect measurement of environmental air kerma rate. (2011)  
S. Chinnaesakki, Manish Chopra, Sanjeev Kumar, Vishal Arora, S. J. Sartandel, S. V. Bara, R.M. Tripathi, V.D. Puranik and B.S. Bajwa.  
*Journal of Radioanalytical and Nuclear Chemistry* **289(3)**: 885-892.
4. Geochemical modeling of uranium speciation in the subsurface aquatic environment of Punjab State in India. (2011)  
Ajay Kumar, Sabyasachi Rout, Usha Narayanan, Manish K. Mishra, R.M.Tripathi, Jaspal Singh, Sanjeev Kumar and H. S. Kushwaha.  
*Journal of Geology and Mining Research* **3(5)**: 137-146.
5. Risk Assessment for Natural Uranium in Subsurface Water of Punjab State, India. (2011)  
Ajay Kumar, Usha Narayanan, P. D. Sawant, R. M. Tripathi, Sanu S. Raj, Manish Mishra, Sabyasachi Rout, P. Supreeta, Jaspal Singh, Sanjeev Kumar and H.S. Kushwaha.  
*Human and Ecological Risk Assessment* **17(2)**: 381- 93.
6. In-situ measurements of radon levels in water, soil and exhalation rate in areas of Malwa belt of Punjab. (2011)  
Sanjeev Kumar, Surinder Singh, B.S. Bajwa and Arvind D. Sabharwal.  
*Isotopes in Environmental & Health Studies* **47(4)**: 1-10.

7. Indoor inhalation dose estimates due to radon and thoron in some areas of South-Western Punjab, India. (2012)  
Sanjeev Kumar, Surinder Singh, B. S. Bajwa, Bhupinder Singh, Arvind D. Sabharwal and K.P. Eappen.  
*Radiation Protection Dosimetry* **151(1)**: 112-116.
8. Natural radioactivity levels (K, Th and Ra) in some areas of Punjab, India. (2012)  
Arvind D. Sabharwal, Bhupinder Singh, Sanjeev Kumar and Surinder Singh.  
*EPJ Web of Conferences* 24 0501.
9. Health risk assessments due to uranium contamination of drinking water in Bathinda region, Punjab state, India. (2013)  
Lakhwant Singh, Rajesh Kumar, Sanjeev Kumar, B.S. Bajwa, and Surinder Singh.  
(Accepted for publication in *Radioprotection*).

#### **International/national Conferences/symposiums Participated/attended**

- ❖ International Conference on Emerging Trends in Physics for Environmental Monitoring & Management, ETPEMM-12 (December 17-19, 2012) Punjabi University, Patiala, India.
- ❖ 2012 Winter conference on Plasma Spectrochemistry (January 9-14, 2012) Tucson, Arizona, USA.
- ❖ National Seminar-cum-Workshop on Solid State Nuclear Track Detectors and Their Applications, SSNTD-16 (March 15-17, 2010) Adesh Institute of Engineering & Technology, Faridkot, India.
- ❖ 16<sup>th</sup> National Symposium on Solid State Nuclear Track Detectors and Their Applications, SSNTD-16 (November 9-11, 2009) Guru Nanak Dev University, Amritsar, India.
- ❖ National Conference on Recent Trends in Material Sciences (February 10-11, 2009) DAV College, Amritsar, India.
- ❖ National Seminar & Exhibition on Application of Radioisotopes and Radiation Technology, ARRT-2008 (February 7-8, 2008) Guru Nanak Dev University, Amritsar, India.