Devendra P S Rathore

List of Publications by Year
in descending order

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24 papers	914 citations	840776 11 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	566 citing authors

#	Article	IF	Citations
1	Amberlite XAD-2 functionalized with o-aminophenol: synthesis and applications as extractant for copper(II), cobalt(II), cadmium(II), nickel(II), zinc(II) and lead(II). Talanta, 2000, 51, 1187-1196.	5.5	193
2	Metal ion enrichment with Amberlite XAD-2 functionalized with Tiron: analytical applications. Analyst, The, 2000, 125, 1221-1226.	3.5	151
3	Pyrogallol Immobilized Amberlite XAD-2: A Newly Designed Collector for Enrichment of Metal Ions Prior to their Determination by Flame Atomic Absorption Spectrometry. Mikrochimica Acta, 2001, 137, 127-134.	5.0	96
4	Advances in technologies for the measurement of uranium in diverse matrices. Talanta, 2008, 77, 9-20.	5.5	92
5	Salicylic acid functionalized polystyrene sorbent amberlite XAD-2. Synthesis and applications as a preconcentrator in the determination of zinc(II) and lead(II) by using atomic absorption spectrometry. Analyst, The, 1995, 120, 403.	3.5	89
6	Spectrophotometric determination of nitrite in water. Analyst, The, 1988, 113, 1073.	3.5	72
7	Quinalizarin anchored on Amberlite XAD-2. A new matrix for solid-phase extraction of metal ions for flame atomic absorption spectrometric determination. Fresenius' Journal of Analytical Chemistry, 2001, 370, 377-382.	1.5	54
8	Application of a differential technique in laser-induced fluorimetry: simple and a precise method for the direct determination of uranium in mineralised rocks at the percentage level. Analytica Chimica Acta, 2001, 434, 201-208.	5.4	40
9	Uranium in groundwater in parts of India and world: A comprehensive review of sources, impact to the environment and human health, analytical techniques, and mitigation technologies. Geosystems and Geoenvironment, 2022, 1, 100043.	3.2	36
10	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2002, 253, 135-142.	1.5	24
11	Analytical applications of a differential technique in laser-induced fluorimetry: accurate and precise determination of uranium in concentrates and for designing microchemielectronic devices for on-line determination in processing industries. Talanta, 2004, 62, 343-349.	5.5	22
12	Spectrophotometric determination of chromium in geological samples. Analytica Chimica Acta, 1992, 257, 129-133.	5.4	9
13	Indicator for the titrimetric determination of calcium and total calcium plus magnesium with ethylenediaminetetraacetate in water. Analytica Chimica Acta, 1993, 281, 173-177.	5.4	7
14	Presentation of differential laser-induced fluorimetry as a reference measurement procedure for determination of total uranium content in ores and similar matrices. Accreditation and Quality Assurance, 2012, 17, 75-84.	0.8	4
15	Letter to HERA's Editor Concerning the Article â€œRisk Assessment for Natural Uranium in Subsurface Water of Punjab State, Indiaâ€•(Kumar etÂal. 2011a). Human and Ecological Risk Assessment (HERA), 2013, 19, 1147-1149.	3.4	4
16	Comments on Large-Scale Uranium Contamination of Groundwater Resources in India. Environmental Science and Technology Letters, 2018, 5, 591-592.	8.7	4
17	Letter to Editor : Query related to publication titled â€œA comparative analysis of uranium in potable waters using laser fluorimetry and ICPMS techniquesâ€•by Shenoy et al. 294:413â€“417 (2012), doi: 10.1007/s10967-012-1705-2. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 721-723.	1.5	3
18	Letter to the Editor: Comments related to the publication titled â€œuranium in ground water from Western Haryana, Indiaâ€•by Balvinder Singh, V. K. Garg, Poonam Yadav, Nawal Kishore, Vandana Pulhani, J Radioanal Nucl Chem, DOI 10.1007/s10967-014-3133-y, Published online: 13 April 2014. Journal of Radioanalytical and Nuclear Chemistry, 2014, 302, 745-746.	1.5	3

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19	Uranium exploration. , 1984, , 101-108.		2
20	Letter to the Editor: Query related to the publication titled, â€œApplication of fission track technique for estimation of uranium concentration in drinking waters of Punjabâ€•by Prabhu et al. 294:443â€“446 (2012), doi:10.1007/s10967-011-1503-2. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 717-719.	1.5	2
21	Application of a differential technique in inductively coupled plasma emission spectrometry: presentation of a relative reference measurement procedure for the determination of total mass fraction of uranium in mineralised rocks and similar matrices. Journal of Analytical Atomic Spectrometry, 2014, 29, 1912-1917.	3.0	2
22	Comments on: Studies on Effective Decomposition of Monazite Minerals by Variety of Phosphate Fluxes for Simple and Direct Determination of Uranium by LED Fluorimeter. Chemical Sciences Journal, 2017, 08, .	0.1	2
23	Heavy Toxic Elements Distribution in the Drinking Water Samples. Advances in Recycling & Waste Management, 2018, 02, .	0.4	2
24	Letter to the Editor: Query related to publication titled â€œStudy of uranium contamination of ground water in Punjab state in India using X-ray fluorescence techniqueâ€•by Alrakabi et al. 294:221â€“227 (2012), doi:10.1007/s10967-011-1585-x. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 727-729.	1.5	1