Pilar Blanco RodrÃ-guez

List of Publications by Year
in descending order

21 papers	480 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	475 citing authors

#	Article	IF	Citations
1	Distribution and mobilization of U, Th and 226Ra in the plantâ€“soil compartments of a mineralized uranium area in south-west Spain. Journal of Environmental Radioactivity, 2002, 59, 41-60.	1.7	55
2	Elimination of natural uranium and 226Ra from contaminated waters by rhizofiltration using Helianthus annuus L.. Science of the Total Environment, 2008, 393, 351-357.	8.0	55
3	Distribution of long-lived radionuclides of the 238U series in the sediments of a small river in a uranium mineralized region of Spain. Journal of Environmental Radioactivity, 2002, 63, 153-171.	1.7	51
4	The ability of Helianthus annuus L. and Brassica juncea to uptake and translocate natural uranium and 226Ra under different milieu conditions. Chemosphere, 2009, 74, 293-300.	8.2	50
5	Linearity assumption in soil-to-plant transfer factors of natural uranium and radium in Helianthus annuus L.. Science of the Total Environment, 2006, 361, 1-7.	8.0	46
6	Enhancing uranium solubilization in soils by citrate, EDTA, and EDDS chelating amendments. Journal of Hazardous Materials, 2011, 198, 224-231.	12.4	46
7	Influence of soil texture on the distribution and availability of 238U, 230Th, and 226Ra in soils. Journal of Environmental Radioactivity, 2008, 99, 1247-1254.	1.7	40
8	Transfer of 238U, 230Th, 226Ra, and 210Pb from soils to tree and shrub species in a Mediterranean area. Applied Radiation and Isotopes, 2010, 68, 1154-1159.	1.5	27
9	Enhancing radium solubilization in soils by citrate, EDTA, and EDDS chelating amendments. Journal of Hazardous Materials, 2013, 250-251, 439-446.	12.4	22
10	Experimental studies of self-absorption and backscattering in alpha-particle sources. Applied Radiation and Isotopes, 1997, 48, 1215-1220.	1.5	20
11	Concerning the low uranium and thorium yields in the electrodeposition process of soil and sediment analyses. Applied Radiation and Isotopes, 2001, 54, 29-33.	1.5	17
12	A sequential method for the determination of 210Pb, 226Ra, and uranium and thorium radioisotopes by LSC and alpha-spectrometry. Applied Radiation and Isotopes, 2010, 68, 828-831.	1.5	13
13	Assessment of the vertical distribution of natural radionuclides in a mineralized uranium area in south-west Spain. Chemosphere, 2014, 95, 527-534.	8.2	12
14	A system for obtaining soil solution extracts and soil water retention curves using a bench centrifuge with fixed angle rotors. Geoderma, 2020, 361, 114063.	5.1	6
15	Improvement of a method for the sequential determination of 210Pb, 226Ra, and uranium isotopes by LSC and alpha-particle spectrometry. Applied Radiation and Isotopes, 2012, 70, 609-611.	1.5	5
16	Influence of soil structure on the â€œF approachâ€•applied to 238U and 226Ra. Chemosphere, 2017, 168, 832-838.	8.2	5
17	Influence of soil conditions on the distribution coefficients of 226Ra in natural soils. Chemosphere, 2018, 205, 188-193.	8.2	5
18	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 247, 101-105.	1.5	3

#	Article	IF	Citations
19	How the distribution coefficient of 238U in natural soils is affected by the method used to obtain the soil solution and its dependency on structural characteristics. Chemosphere, 2020, 242, 125169.	8.2	2
20	Vertical distribution of natural radionuclides in soils. EPJ Web of Conferences, 2012, 24, 05001.	0.3	0
21	Influence of physicochemical properties of the soil solution on the ²²⁶Ra distribution coefficient in soils. Radioprotection, 2021, 56, 69-75.	1.0	0