

# Pilar Blanco Rodríguez

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Influence of physicochemical properties of the soil solution on the $^{226}\text{Ra}$ distribution coefficient in soils. <i>Radioprotection</i> , 2021, 56, 69-75.	1.0	0
2	How the distribution coefficient of $^{238}\text{U}$ in natural soils is affected by the method used to obtain the soil solution and its dependency on structural characteristics. <i>Chemosphere</i> , 2020, 242, 125169.	8.2	2
3	A system for obtaining soil solution extracts and soil water retention curves using a bench centrifuge with fixed angle rotors. <i>Geoderma</i> , 2020, 361, 114063.	5.1	6
4	Influence of soil conditions on the distribution coefficients of $^{226}\text{Ra}$ in natural soils. <i>Chemosphere</i> , 2018, 205, 188-193.	8.2	5
5	Influence of soil structure on the $\alpha$ -F approach applied to $^{238}\text{U}$ and $^{226}\text{Ra}$ . <i>Chemosphere</i> , 2017, 168, 832-838.	8.2	5
6	Assessment of the vertical distribution of natural radionuclides in a mineralized uranium area in south-west Spain. <i>Chemosphere</i> , 2014, 95, 527-534.	8.2	12
7	Enhancing radium solubilization in soils by citrate, EDTA, and EDDS chelating amendments. <i>Journal of Hazardous Materials</i> , 2013, 250-251, 439-446.	12.4	22
8	Vertical distribution of natural radionuclides in soils. <i>EPJ Web of Conferences</i> , 2012, 24, 05001.	0.3	0
9	Improvement of a method for the sequential determination of $^{210}\text{Pb}$ , $^{226}\text{Ra}$ , and uranium isotopes by LSC and alpha-particle spectrometry. <i>Applied Radiation and Isotopes</i> , 2012, 70, 609-611.	1.5	5
10	Enhancing uranium solubilization in soils by citrate, EDTA, and EDDS chelating amendments. <i>Journal of Hazardous Materials</i> , 2011, 198, 224-231.	12.4	46
11	Transfer of $^{238}\text{U}$ , $^{230}\text{Th}$ , $^{226}\text{Ra}$ , and $^{210}\text{Pb}$ from soils to tree and shrub species in a Mediterranean area. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1154-1159.	1.5	27
12	A sequential method for the determination of $^{210}\text{Pb}$ , $^{226}\text{Ra}$ , and uranium and thorium radioisotopes by LSC and alpha-spectrometry. <i>Applied Radiation and Isotopes</i> , 2010, 68, 828-831.	1.5	13
13	The ability of <i>Helianthus annuus</i> L. and <i>Brassica juncea</i> to uptake and translocate natural uranium and $^{226}\text{Ra}$ under different milieu conditions. <i>Chemosphere</i> , 2009, 74, 293-300.	8.2	50
14	Influence of soil texture on the distribution and availability of $^{238}\text{U}$ , $^{230}\text{Th}$ , and $^{226}\text{Ra}$ in soils. <i>Journal of Environmental Radioactivity</i> , 2008, 99, 1247-1254.	1.7	40
15	Elimination of natural uranium and $^{226}\text{Ra}$ from contaminated waters by rhizofiltration using <i>Helianthus annuus</i> L.. <i>Science of the Total Environment</i> , 2008, 393, 351-357.	8.0	55
16	Linearity assumption in soil-to-plant transfer factors of natural uranium and radium in <i>Helianthus annuus</i> L.. <i>Science of the Total Environment</i> , 2006, 361, 1-7.	8.0	46
17	Distribution and mobilization of U, Th and $^{226}\text{Ra}$ in the plant-soil compartments of a mineralized uranium area in south-west Spain. <i>Journal of Environmental Radioactivity</i> , 2002, 59, 41-60.	1.7	55
18	Distribution of long-lived radionuclides of the $^{238}\text{U}$ series in the sediments of a small river in a uranium mineralized region of Spain. <i>Journal of Environmental Radioactivity</i> , 2002, 63, 153-171.	1.7	51

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 247, 101-105.	1.5	3
20	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
21	Experimental studies of self-absorption and backscattering in alpha-particle sources. Applied Radiation and Isotopes, 1997, 48, 1215-1220.	1.5	20