

# Divina A Navarro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

1,183  
citations

18  
h-index

33  
g-index

33  
ext. papers

1,420  
ext. citations

8.2  
avg. IF

4.57  
L-index

#	Paper	IF	Citations
30	Increasing ionic strength and valency of cations enhance sorption through hydrophobic interactions of PFAS with soil surfaces.. <i>Science of the Total Environment</i> , <b>2022</b> , 817, 152975	10.2	3
29	Organic carbon and salinity affect desorption of PFAS from estuarine sediments. <i>Journal of Soils and Sediments</i> , <b>2022</b> , 22, 1302-1314	3.4	0
28	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil - plant systems. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 404, 124065	12.8	11
27	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests.. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	4
26	Sorption behaviour of per- and polyfluoroalkyl substances (PFASs) as affected by the properties of coastal estuarine sediments. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137263	10.2	17
25	Potential Application of Laser-Induced Breakdown Spectroscopy (LIBS) Data for the Determination of Cation Exchange Capacity (CEC) of Agricultural Soils. <i>ChemistrySelect</i> , <b>2020</b> , 5, 3798-3804	1.8	2
24	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil-Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15883-15892	10.3	56
23	Mineralisation and release of <sup>14</sup> C-graphene oxide (GO) in soils. <i>Chemosphere</i> , <b>2020</b> , 238, 124558	8.4	7
22	Sorption of PFOA onto different laboratory materials: Filter membranes and centrifuge tubes. <i>Chemosphere</i> , <b>2019</b> , 222, 671-678	8.4	49
21	Predicting partitioning of radiolabelled C-PFOA in a range of soils using diffuse reflectance infrared spectroscopy. <i>Science of the Total Environment</i> , <b>2019</b> , 686, 505-513	10.2	17
20	Impact of (nano)formulations on the distribution and wash-off of copper pesticides and fertilisers applied on citrus leaves. <i>Environmental Chemistry</i> , <b>2019</b> , 16, 401	3.2	19
19	Mixed-Mode Remediation of Cadmium and Arsenate Ions Using Graphene-Based Materials. <i>Clean - Soil, Air, Water</i> , <b>2018</b> , 46, 1800073	1.6	3
18	Ecological Risk Assessment of Nano-enabled Pesticides: A Perspective on Problem Formulation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2018</b> , 66, 6480-6486	5.7	72
17	Sorptive remediation of perfluorooctanoic acid (PFOA) using mixed mineral and graphene/carbon-based materials. <i>Environmental Chemistry</i> , <b>2018</b> , 15, 472	3.2	21
16	Fate of radiolabeled C fullerenes in aged soils. <i>Environmental Pollution</i> , <b>2017</b> , 221, 293-300	9.3	8
15	Fullerol as a Potential Pathway for Mineralization of Fullerene Nanoparticles in Biosolid-Amended Soils. <i>Environmental Science and Technology Letters</i> , <b>2016</b> , 3, 7-12	11	15
14	Quantifying the Sensitivity of Soil Microbial Communities to Silver Sulfide Nanoparticles Using Metagenome Sequencing. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161979	3.7	35

13	Bioavailability of silver and silver sulfide nanoparticles to lettuce ( <i>Lactuca sativa</i> ): Effect of agricultural amendments on plant uptake. <i>Journal of Hazardous Materials</i> , <b>2015</b> , 300, 788-795	12.8	78
12	Assessing antibiotic sorption in soil: a literature review and new case studies on sulfonamides and macrolides. <i>Chemistry Central Journal</i> , <b>2014</b> , 8, 5		128
11	Remobilisation of silver and silver sulphide nanoparticles in soils. <i>Environmental Pollution</i> , <b>2014</b> , 193, 102-110	9.3	35
10	Combined effects of cadmium and zinc on growth, tolerance, and metal accumulation in <i>Chara australis</i> and enhanced phytoextraction using EDTA. <i>Ecotoxicology and Environmental Safety</i> , <b>2013</b> , 98, 236-43	7	25
9	Behaviour of fullerenes (C60) in the terrestrial environment: potential release from biosolids-amended soils. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 262, 496-503	12.8	23
8	Characterization and ecological risk assessment of nanoparticulate CeO <sub>2</sub> as a diesel fuel catalyst. <i>Environmental Toxicology and Chemistry</i> , <b>2013</b> , 32, 1896-905	3.8	30
7	Investigating uptake of water-dispersible CdSe/ZnS quantum dot nanoparticles by <i>Arabidopsis thaliana</i> plants. <i>Journal of Hazardous Materials</i> , <b>2012</b> , 211-212, 427-35	12.8	115
6	Cd tolerance and accumulation in the aquatic macrophyte, <i>Chara australis</i> : potential use for charophytes in phytoremediation. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 5332-8	10.3	49
5	Humic acid-induced silver nanoparticle formation under environmentally relevant conditions. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 3895-901	10.3	240
4	Differences in soil mobility and degradability between water-dispersible CdSe and CdSe/ZnS quantum dots. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 6343-9	10.3	28
3	Partitioning behavior and stabilization of hydrophobically coated HfO <sub>2</sub> , ZrO <sub>2</sub> and Hf <sub>x</sub> Zr <sub>1-x</sub> O <sub>2</sub> nanoparticles with natural organic matter reveal differences dependent on crystal structure. <i>Journal of Hazardous Materials</i> , <b>2011</b> , 196, 302-10	12.8	8
2	Partitioning of hydrophobic CdSe quantum dots into aqueous dispersions of humic substances: influence of capping-group functionality on the phase-transfer mechanism. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 348, 119-28	9.3	25
1	Natural organic matter-mediated phase transfer of quantum dots in the aquatic environment. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 677-82	10.3	58