Divina A Navarro

List of Publications by Citations

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	Humic acid-induced silver nanoparticle formation under environmentally relevant conditions. *Environmental Science & Technology*, **2011**, 45, 3895-901	10.3	240
29	Assessing antibiotic sorption in soil: a literature review and new case studies on sulfonamides and macrolides. *Chemistry Central Journal*, **2014**, 8, 5		128
28	Investigating uptake of water-dispersible CdSe/ZnS quantum dot nanoparticles by Arabidopsis thaliana plants. *Journal of Hazardous Materials*, **2012**, 211-212, 427-35	12.8	115
27	Bioavailability of silver and silver sulfide nanoparticles to lettuce (Lactuca sativa): Effect of agricultural amendments on plant uptake. *Journal of Hazardous Materials*, **2015**, 300, 788-795	12.8	78
26	Ecological Risk Assessment of Nano-enabled Pesticides: A Perspective on Problem Formulation. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 6480-6486	5.7	72
25	Natural organic matter-mediated phase transfer of quantum dots in the aquatic environment. *Environmental Science & Technology*, **2009**, 43, 677-82	10.3	58
24	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil-Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). *Environmental Science & Technology*, **2020**, 54, 15883-15892	10.3	56
23	Sorption of PFOA onto different laboratory materials: Filter membranes and centrifuge tubes. *Chemosphere*, **2019**, 222, 671-678	8.4	49
22	Cd tolerance and accumulation in the aquatic macrophyte, Chara australis: potential use for charophytes in phytoremediation. *Environmental Science & Technology*, **2011**, 45, 5332-8	10.3	49
21	Remobilisation of silver and silver sulphide nanoparticles in soils. *Environmental Pollution*, **2014**, 193, 102-110	9.3	35
20	Quantifying the Sensitivity of Soil Microbial Communities to Silver Sulfide Nanoparticles Using Metagenome Sequencing. *PLoS ONE*, **2016**, 11, e0161979	3.7	35
19	Characterization and ecological risk assessment of nanoparticulate CeO2 as a diesel fuel catalyst. *Environmental Toxicology and Chemistry*, **2013**, 32, 1896-905	3.8	30
18	Differences in soil mobility and degradability between water-dispersible CdSe and CdSe/ZnS quantum dots. *Environmental Science & Technology*, **2011**, 45, 6343-9	10.3	28
17	Combined effects of cadmium and zinc on growth, tolerance, and metal accumulation in Chara australis and enhanced phytoextraction using EDTA. *Ecotoxicology and Environmental Safety*, **2013**, 98, 236-43	7	25
16	Partitioning of hydrophobic CdSe quantum dots into aqueous dispersions of humic substances: influence of capping-group functionality on the phase-transfer mechanism. *Journal of Colloid and Interface Science*, **2010**, 348, 119-28	9.3	25
15	Behaviour of fullerenes (C60) in the terrestrial environment: potential release from biosolids-amended soils. *Journal of Hazardous Materials*, **2013**, 262, 496-503	12.8	23
14	Sorptive remediation of perfluorooctanoic acid (PFOA) using mixed mineral and graphene/carbon-based materials. *Environmental Chemistry*, **2018**, 15, 472	3.2	21

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13	Impact of (nano)formulations on the distribution and wash-off of copper pesticides and fertilisers applied on citrus leaves. *Environmental Chemistry*, **2019**, 16, 401	3.2	19
12	Predicting partitioning of radiolabelled C-PFOA in a range of soils using diffuse reflectance infrared spectroscopy. *Science of the Total Environment*, **2019**, 686, 505-513	10.2	17
11	Sorption behaviour of per- and polyfluoroalkyl substances (PFASs) as affected by the properties of coastal estuarine sediments. *Science of the Total Environment*, **2020**, 720, 137263	10.2	17
10	Fullerol as a Potential Pathway for Mineralization of Fullerene Nanoparticles in Biosolid-Amended Soils. *Environmental Science and Technology Letters*, **2016**, 3, 7-12	11	15
9	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil - plant systems. *Journal of Hazardous Materials*, **2021**, 404, 124065	12.8	11
8	Fate of radiolabeled C fullerenes in aged soils. *Environmental Pollution*, **2017**, 221, 293-300	9.3	8
7	Partitioning behavior and stabilization of hydrophobically coated HfO2, ZrO2 and Hfx Zr 1-x O2 nanoparticles with natural organic matter reveal differences dependent on crystal structure. *Journal of Hazardous Materials*, **2011**, 196, 302-10	12.8	8
6	Mineralisation and release of 14C-graphene oxide (GO) in soils. *Chemosphere*, **2020**, 238, 124558	8.4	7
5	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests.. *Environmental Science & Technology*, **2021**,	10.3	4
4	Mixed-Mode Remediation of Cadmium and Arsenate Ions Using Graphene-Based Materials. *Clean - Soil, Air, Water*, **2018**, 46, 1800073	1.6	3
3	Increasing ionic strength and valency of cations enhance sorption through hydrophobic interactions of PFAS with soil surfaces.. *Science of the Total Environment*, **2022**, 817, 152975	10.2	3
2	Potential Application of Laser-Induced Breakdown Spectroscopy (LIBS) Data for the Determination of Cation Exchange Capacity (CEC) of Agricultural Soils. *ChemistrySelect*, **2020**, 5, 3798-3804	1.8	2
1	Organic carbon and salinity affect desorption of PFAS from estuarine sediments. *Journal of Soils and Sediments*, **2022**, 22, 1302-1314	3.4	0