# Divina A Navarro

List of Publications by Year
in descending order



| 33 | 1,715 | 22 | 32 |
|---|---|---|---|
| papers | citations | h-index | g-index |

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| 33 | 33 | 33 | 2596 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. | 8.0 | 60 |
| 2 | Organic carbon and salinity affect desorption of PFAS from estuarine sediments. Journal of Soils and Sediments, 2022, 22, 1302-1314. | 3.0 | 5 |
| 3 | Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. Environmental Science & Technology, 2022, 56, 368-378. | 10.0 | 24 |
| 4 | Method for extraction and analysis of per- and poly-fluoroalkyl substances in contaminated asphalt. Analytical Methods, 2022, 14, 1678-1689. | 2.7 | 5 |
| 5 | Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. Environmental Science & Technology, 2022, 56, 10030-10041. | 10.0 | 12 |
| 6 | An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil â€" plant systems. Journal of Hazardous Materials, 2021, 404, 124065. | 12.4 | 22 |
| 7 | Mineralisation and release of 14C-graphene oxide (GO) in soils. Chemosphere, 2020, 238, 124558. | 8.2 | 15 |
| 8 | Influences of Chemical Properties, Soil Properties, and Solution pH on Soilâ€"Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). Environmental Science & Technology, 2020, 54, 15883-15892. | 10.0 | 171 |
| 9 | 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. | 8.0 | 28 |
| 10 | Potential Application of Laserâ€Induced Breakdown Spectroscopy (LIBS) Data for the Determination of Cation Exchange Capacity (CEC) of Agricultural Soils. ChemistrySelect, 2020, 5, 3798-3804. | 1.5 | 3 |
| 11 | Sorption of PFOA onto different laboratory materials: Filter membranes and centrifuge tubes. Chemosphere, 2019, 222, 671-678. | 8.2 | 91 |
| 12 | Predicting partitioning of radiolabelled 14C-PFOA in a range of soils using diffuse reflectance infrared spectroscopy. Science of the Total Environment, 2019, 686, 505-513. | 8.0 | 35 |
| 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. | 1.5 | 37 |
| 14 | Ecological Risk Assessment of Nano-enabled Pesticides: A Perspective on Problem Formulation. Journal of Agricultural and Food Chemistry, 2018, 66, 6480-6486. | 5.2 | 106 |
| 15 | Sorptive remediation of perfluorooctanoic acid (PFOA) using mixed mineral and graphene/carbon-based materials. Environmental Chemistry, 2018, 15, 472. | 1.5 | 44 |
| 16 | Mixedâ€Mode Remediation of Cadmium and Arsenate Ions Using Grapheneâ€Based Materials. Clean - Soil, Air, Water, 2018, 46, 1800073. | 1.1 | 3 |
| 17 | Fate of radiolabeled C60 fullerenes in aged soils. Environmental Pollution, 2017, 221, 293-300. | 7.5 | 9 |
| 18 | Fullerol as a Potential Pathway for Mineralization of Fullerene Nanoparticles in Biosolid-Amended Soils. Environmental Science and Technology Letters, 2016, 3, 7-12. | 8.7 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Quantifying the Sensitivity of Soil Microbial Communities to Silver Sulfide Nanoparticles Using Metagenome Sequencing. PLoS ONE, 2016, 11, e0161979. | 2.5 | 41 |
| 20 | 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. | 12.4 | 98 |
| 21 | Assessing antibiotic sorption in soil: a literature review and new case studies on sulfonamides and macrolides. Chemistry Central Journal, 2014, 8, 5. | 2.6 | 174 |
| 22 | Remobilisation of silver and silver sulphide nanoparticles in soils. Environmental Pollution, 2014, 193, 102-110. | 7.5 | 36 |
| 23 | 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, 236-243. | 6.0 | 33 |
| 24 | Behaviour of fullerenes (C60) in the terrestrial environment: Potential release from biosolids-amended soils. Journal of Hazardous Materials, 2013, 262, 496-503. | 12.4 | 27 |
| 25 | Characterization and ecological risk assessment of nanoparticulate CeO<sub>2</sub> as a diesel fuel catalyst. Environmental Toxicology and Chemistry, 2013, 32, 1896-1905. | 4.3 | 35 |
| 26 | Investigating uptake of water-dispersible CdSe/ZnS quantum dot nanoparticles by Arabidopsis thaliana plants. Journal of Hazardous Materials, 2012, 211-212, 427-435. | 12.4 | 134 |
| 27 | Cd Tolerance and Accumulation in the Aquatic Macrophyte,<i>Chara australis</i>: Potential Use for Charophytes in Phytoremediation. Environmental Science & Technology, 2011, 45, 5332-5338. | 10.0 | 52 |
| 28 | Humic Acid-Induced Silver Nanoparticle Formation Under Environmentally Relevant Conditions. Environmental Science & Technology, 2011, 45, 3895-3901. | 10.0 | 265 |
| 29 | Differences in Soil Mobility and Degradability between Water-Dispersible CdSe and CdSe/ZnS Quantum Dots. Environmental Science & Technology, 2011, 45, 6343-6349. | 10.0 | 31 |
| 30 | Partitioning behavior and stabilization of hydrophobically coated HfO2, ZrO2 and HfxZr1âˆ’xO2 nanoparticles with natural organic matter reveal differences dependent on crystal structure. Journal of Hazardous Materials, 2011, 196, 302-310. | 12.4 | 9 |
| 31 | 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, 119-128. | 9.4 | 27 |
| 32 | Natural Organic Matter-Mediated Phase Transfer of Quantum Dots in the Aquatic Environment. Environmental Science & Technology, 2009, 43, 677-682. | 10.0 | 62 |
| 33 | Fate of copper in soil: effect of agrochemical (nano)formulations and soil properties. Environmental Science: Nano, 0, , . | 4.3 | 2 |