

# Paula SÃ¡nchez-MarÃ¡n

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

609  
citations

567281

15  
h-index

610901

24  
g-index

34  
all docs

34  
docs citations

34  
times ranked

812  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Effect of dissolved organic matter (DOM) of contrasting origins on Cu and Pb speciation and toxicity to <i>Paracentrotus lividus</i> larvae. <i>Aquatic Toxicology</i> , 2010, 96, 90-102.                                 | 4.0  | 73        |
| 2  | Fifteen years of imposex and tributyltin pollution monitoring along the Portuguese coast. <i>Environmental Pollution</i> , 2018, 232, 411-421.   | 7.5  | 62        |
| 3  | Humic Acids Increase Dissolved Lead Bioavailability for Marine Invertebrates. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5679-5684.   | 10.0 | 60        |
| 4  | Dependence of Cu, Pb and Zn remobilization on physicochemical properties of marine sediments. <i>Marine Environmental Research</i> , 2012, 77, 43-49.  | 2.5  | 39        |
| 5  | Linking chemical contamination to biological effects in coastal pollution monitoring. <i>Ecotoxicology</i> , 2012, 21, 9-17.   | 2.4  | 28        |
| 6  | Pb uptake by the marine mussel <i>Mytilus</i> sp. Interactions with dissolved organic matter. <i>Aquatic Toxicology</i> , 2011, 102, 48-57.  | 4.0  | 26        |
| 7  | Tributyltin pollution biomonitoring under the Water Framework Directive: Proposal of a multi-species tool to assess the ecological quality status of EU water bodies. <i>Ecological Indicators</i> , 2015, 57, 525-535.    | 6.3  | 25        |
| 8  | Lead (Pb) and copper (Cu) share a common uptake transporter in the unicellular alga <i>Chlamydomonas reinhardtii</i> . <i>BioMetals</i> , 2014, 27, 173-181.   | 4.1  | 24        |
| 9  | Cu and Pb accumulation by the marine diatom <i>Thalassiosira weissflogii</i> in the presence of humic acids. <i>Environmental Chemistry</i> , 2010, 7, 309.  | 1.5  | 23        |
| 10 | Dynamic modeling of copper bioaccumulation by <i>Mytilus edulis</i> in the presence of humic acid aggregates. <i>Aquatic Toxicology</i> , 2016, 178, 165-170.  | 4.0  | 20        |
| 11 | Triphenyltin induces imposex in <i>Nucella lapillus</i> through an apical route. <i>Aquatic Toxicology</i> , 2016, 175, 127-131.   | 4.0  | 20        |
| 12 | Limpets ( <i>Patella</i> spp. Mollusca, Gastropoda) as model organisms for biomonitoring environmental quality. <i>Ecological Indicators</i> , 2019, 101, 150-162.   | 6.3  | 19        |
| 13 | Shotgun Proteomics Analysis Discards Alkali Labile Phosphate as a Reliable Method To Assess Vitellogenin Levels in <i>Mytilus galloprovincialis</i> . <i>Environmental Science &amp; Technology</i> , 2017, 51, 7572-7580. | 10.0 | 17        |
| 14 | Lead concentrations and size dependence of lead accumulation in the clam <i>Dosinia exoleta</i> from shellfish extraction areas in the Galician RAs (NW Spain). <i>Aquatic Living Resources</i> , 2008, 21, 57-61.         | 1.2  | 15        |
| 15 | Quantification of the increase in Pb bioavailability to marine organisms caused by different types of DOM from terrestrial and river origin. <i>Aquatic Toxicology</i> , 2012, 110-111, 45-53.                             | 4.0  | 15        |
| 16 | Copper and lead internalisation by freshwater microalgae at different carbonate concentrations. <i>Environmental Chemistry</i> , 2013, 10, 80.   | 1.5  | 15        |
| 17 | Proteomic analysis and biochemical alterations in marine mussel gills after exposure to the organophosphate flame retardant TDCPP. <i>Aquatic Toxicology</i> , 2021, 230, 105688.  | 4.0  | 15        |
| 18 | No evidence that vitellogenin protein expression is induced in marine mussels after exposure to an estrogenic chemical. <i>Science of the Total Environment</i> , 2020, 721, 137638.                                       | 8.0  | 14        |

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|----|---|-----|-----------|
| 19 | A review of chemical speciation techniques used for predicting dissolved copper bioavailability in seawater. <i>Environmental Chemistry</i> , 2020, 17, 469.  | 1.5 | 12        |
| 20 | Comments on "Isobolographic Analysis for Combinations of a Full and Partial Agonist: Curved Isoboles" Fig. 1.. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 476-478.   | 2.5 | 11        |
| 21 | Validation of the OECD reproduction test guideline with the New Zealand mudsnail <i>Potamopyrgus antipodarum</i> using trenbolone and prochloraz. <i>Ecotoxicology</i> , 2017, 26, 370-382.   | 2.4 | 10        |
| 22 | Adsorption of different types of dissolved organic matter to marine phytoplankton and implications for phytoplankton growth and Pb bioavailability. <i>Journal of Plankton Research</i> , 2011, 33, 1396-1409.                                  | 1.8 | 9         |
| 23 | Microalgal-driven pH changes in the boundary layer lead to apparent increases in Pb internalization by a unicellular alga in the presence of citrate. <i>Limnology and Oceanography</i> , 2018, 63, 1328-1339.                                  | 3.1 | 8         |
| 24 | Lead accumulation in extracellular granules detected in the kidney of the bivalve <i>Dosinia exoleta</i> . <i>Aquatic Living Resources</i> , 2013, 26, 11-17.   | 1.2 | 7         |
| 25 | Subcellular distribution and trophic transfer of Pb from bivalves to the common prawn <i>Palaemon serratus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 253-259.  | 6.0 | 7         |
| 26 | Copper uptake by the marine mussel <i>Mytilus edulis</i> in the presence of fulvic acids. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1807-1813.  | 4.3 | 6         |
| 27 | Environmental quality status of the Portuguese coast regarding TBT pollution "Recommendations for considering imposex monitoring within the scope of the Marine Strategy Framework Directive. <i>Ecological Indicators</i> , 2018, 93, 966-974. | 6.3 | 5         |
| 28 | A Primer and Guidelines for Shotgun Proteomic Analysis in Non-model Organisms. <i>Methods in Molecular Biology</i> , 2021, 2259, 77-102.  | 0.9 | 4         |
| 29 | Vitellogenin gene expression in marine mussels exposed to ethinylestradiol: No induction at the transcriptional level. <i>Marine Environmental Research</i> , 2021, 168, 105315.  | 2.5 | 4         |
| 30 | Use of whole mussels and mussel gills in metal pollution biomonitoring. <i>Ciencias Marinas</i> , 2018, 44, 279-294.  | 0.4 | 4         |
| 31 | Use of limpets as alternative to mussels in metal pollution monitoring; application in the Canary Islands. <i>Environmental Pollution</i> , 2022, 308, 119614.  | 7.5 | 4         |
| 32 | Determination of trace metals accumulated and internalized by marine phytoplankton; interferences with colloidal organic matter. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1699-1714.                      | 3.3 | 3         |
| 33 | In vivo oral bioavailability of Pb sequestered in metal rich granules in bivalves. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 330-335.  | 6.0 | 3         |
| 34 | Evaluation of female aphally in imposex-affected populations of <i>Nucella lapillus</i> at the southernmost distributional limit of the species in Europe. <i>Journal of Molluscan Studies</i> , 2015, , eyv043.                                | 1.2 | 2         |