

Manuel A Martins

List of Publications by Year in descending order

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33
papers

1,081
citations

430874

18
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414414

32
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all docs

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docs citations

33
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymethylmethacrylate nanoplastics can cause developmental malformations in early life stages of <i>Xenopus laevis</i> . <i>Science of the Total Environment</i> , 2022, 806, 150491.	8.0	15
2	Flexural strength of 3Y-TZP bioceramics obtained by direct write assembly as function of residual connected-porosity. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105035.	3.1	7
3	Effects of nanoplastics on zebrafish embryo-larval stages: A case study with polystyrene (PS) and polymethylmethacrylate (PMMA) particles. <i>Environmental Research</i> , 2022, 213, 113584.	7.5	22
4	Coupling of plasmonic nanoparticles on a semiconductor substrate <i>via</i> a modified discrete dipole approximation method. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 19705-19715.	2.8	2
5	Waterborne exposure of gilthead seabream (<i>Sparus aurata</i>) to polymethylmethacrylate nanoplastics causes effects at cellular and molecular levels. <i>Journal of Hazardous Materials</i> , 2021, 403, 123590.	12.4	56
6	Polymethylmethacrylate nanoplastics effects on the freshwater cnidarian <i>Hydra viridissima</i> . <i>Journal of Hazardous Materials</i> , 2021, 402, 123773.	12.4	36
7	Is the toxicity of nanosized polymethylmethacrylate particles dependent on the exposure route and food items?. <i>Journal of Hazardous Materials</i> , 2021, 413, 125443.	12.4	9
8	Biochar-TiO ₂ magnetic nanocomposites for photocatalytic solar-driven removal of antibiotics from aquaculture effluents. <i>Journal of Environmental Management</i> , 2021, 294, 112937.	7.8	37
9	Short-term exposure to polymethylmethacrylate nanoplastics alters muscle antioxidant response, development and growth in <i>Sparus aurata</i> . <i>Marine Pollution Bulletin</i> , 2021, 172, 112918.	5.0	12
10	Photodegradation of Aquaculture Antibiotics Using Carbon Dots-TiO ₂ Nanocomposites. <i>Toxics</i> , 2021, 9, 330.	3.7	8
11	Conductive polysaccharides-based proton-exchange membranes for fuel cell applications: The case of bacterial cellulose and fucoidan. <i>Carbohydrate Polymers</i> , 2020, 230, 115604.	10.2	53
12	Behavior and biochemical responses of the polychaeta <i>Hediste diversicolor</i> to polystyrene nanoplastics. <i>Science of the Total Environment</i> , 2020, 707, 134434.	8.0	60
13	Do nanoplastics impact the ability of the polychaeta <i>Hediste diversicolor</i> to regenerate?. <i>Ecological Indicators</i> , 2020, 110, 105921.	6.3	29
14	Establishment of a brain cell line (FuB-1) from mummichog (<i>Fundulus heteroclitus</i>) and its application to fish virology, immunity and nanoplastics toxicology. <i>Science of the Total Environment</i> , 2020, 708, 134821.	8.0	35
15	Highly Electroconductive Nanopapers Based on Nanocellulose and Copper Nanowires: A New Generation of Flexible and Sustainable Electrical Materials. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34208-34216.	8.0	21
16	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109632.	6.0	68
17	Eco-friendly preparation of electrically conductive chitosan - reduced graphene oxide flexible bionanocomposites for food packaging and biological applications. <i>Composites Science and Technology</i> , 2019, 173, 53-60.	7.8	90
18	Multifunctional nanopatterned porous bismuth ferrite thin films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 7788-7797.	5.5	16

#	ARTICLE	IF	CITATIONS
19	Polystyrene nanoplastics alter the cytotoxicity of human pharmaceuticals on marine fish cell lines. <i>Environmental Toxicology and Pharmacology</i> , 2019, 69, 57-65.	4.0	76
20	Tuning lysozyme nanofibers dimensions using deep eutectic solvents for improved reinforcement ability. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 518-527.	7.5	15
21	Ionic liquids as promoters of fast lysozyme fibrillation. <i>Journal of Molecular Liquids</i> , 2018, 272, 456-467.	4.9	16
22	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 225-231.	7.5	7
23	Simultaneous CVD synthesis of graphene-diamond hybrid films. <i>Carbon</i> , 2016, 98, 99-105.	10.3	19
24	Os nanomateriais e a descoberta de novos mundos na bancada do químico. <i>Quimica Nova</i> , 2012, 35, 1434-1446.	0.3	12
25	Mannosylated Dextran Derivatives Labeled with ^{64}Cu -[M(CO) ₃] ⁺ (M =) Tj ETQq1 1 0.784314 rgBT /Over 8, 609-620.	4.6	33
26	From Single-Molecule Precursors to Hybrid ZnS Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2768-2775.	0.9	0
27	Luminescent SiO ₂ -coated Gd ₂ O ₃ :Eu ³⁺ nanorods/poly(styrene) nanocomposites by in situ polymerization. <i>Optical Materials</i> , 2010, 32, 1622-1628.	3.6	13
28	Noble Metal Nanocrystals at the Surface of Nitride Semiconductors: Synthesis, Deposition and Surface Characterization. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2574-2577.	0.9	1
29	Shaping Gold Nanocomposites with Tunable Optical Properties. <i>Langmuir</i> , 2010, 26, 11407-11412.	3.5	21
30	Calcium phosphate granules for use as a 5-Fluorouracil delivery system. <i>Ceramics International</i> , 2009, 35, 1587-1594.	4.8	24
31	Hydroxyapatite micro- and nanoparticles: Nucleation and growth mechanisms in the presence of citrate species. <i>Journal of Colloid and Interface Science</i> , 2008, 318, 210-216.	9.4	155
32	Photoluminescent, transparent and flexible di-ureasil hybrids containing CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2008, 19, 155601.	2.6	35
33	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 506-512.	9.4	78