

# Manuel A Martins

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2951920/publications.pdf>

Version: 2024-02-01

33  
papers

1,081  
citations

430874

18  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1465  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109632.	6.0	68
6	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
7	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
8	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
9	Biochar-TiO <sub>2</sub> magnetic nanocomposites for photocatalytic solar-driven removal of antibiotics from aquaculture effluents. <i>Journal of Environmental Management</i> , 2021, 294, 112937.	7.8	37
10	Polymethylmethacrylate nanoplastics effects on the freshwater cnidarian <i>Hydra viridissima</i> . <i>Journal of Hazardous Materials</i> , 2021, 402, 123773.	12.4	36
11	Photoluminescent, transparent and flexible di-ureasil hybrids containing CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2008, 19, 155601.	2.6	35
12	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
13	Mannosylated Dextran Derivatives Labeled with $[M(CO)_3]^{+}$ ( $M =$ Tj ETQq1 1 0.784314 rgBT /Ov	4.6	33
14	Do nanoplastics impact the ability of the polychaeta <i>Hediste diversicolor</i> to regenerate?. <i>Ecological Indicators</i> , 2020, 110, 105921.	6.3	29
15	Calcium phosphate granules for use as a 5-Fluorouracil delivery system. <i>Ceramics International</i> , 2009, 35, 1587-1594.	4.8	24
16	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
17	Shaping Gold Nanocomposites with Tunable Optical Properties. <i>Langmuir</i> , 2010, 26, 11407-11412.	3.5	21
18	Highly Electroconductive Nanopapers Based on Nanocellulose and Copper Nanowires: A New Generation of Flexible and Sustainable Electrical Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34208-34216.	8.0	21

#	ARTICLE	IF	CITATIONS
19	Simultaneous CVD synthesis of graphene-diamond hybrid films. Carbon, 2016, 98, 99-105.	10.3	19
20	Ionic liquids as promoters of fast lysozyme fibrillation. Journal of Molecular Liquids, 2018, 272, 456-467.	4.9	16
21	Multifunctional nanopatterned porous bismuth ferrite thin films. Journal of Materials Chemistry C, 2019, 7, 7788-7797.	5.5	16
22	Tuning lysozyme nanofibers dimensions using deep eutectic solvents for improved reinforcement ability. International Journal of Biological Macromolecules, 2018, 115, 518-527.	7.5	15
23	Polymethylmethacrylate nanoplastics can cause developmental malformations in early life stages of <i>Xenopus laevis</i> . Science of the Total Environment, 2022, 806, 150491.	8.0	15
24	Luminescent SiO <sub>2</sub> -coated Gd <sub>2</sub> O <sub>3</sub> :Eu <sup>3+</sup> nanorods/poly(styrene) nanocomposites by in situ polymerization. Optical Materials, 2010, 32, 1622-1628.	3.6	13
25	Os nanomateriais e a descoberta de novos mundos na bancada do químico. Quimica Nova, 2012, 35, 1434-1446.	0.3	12
26	Short-term exposure to polymethylmethacrylate nanoplastics alters muscle antioxidant response, development and growth in <i>Sparus aurata</i> . Marine Pollution Bulletin, 2021, 172, 112918.	5.0	12
27	Is the toxicity of nanosized polymethylmethacrylate particles dependent on the exposure route and food items?. Journal of Hazardous Materials, 2021, 413, 125443.	12.4	9
28	Photodegradation of Aquaculture Antibiotics Using Carbon Dots-TiO <sub>2</sub> Nanocomposites. Toxics, 2021, 9, 330.	3.7	8
29	Timesaving microwave assisted synthesis of insulin amyloid fibrils with enhanced nanofiber aspect ratio. International Journal of Biological Macromolecules, 2016, 92, 225-231.	7.5	7
30	Flexural strength of 3Y-TZP bioceramics obtained by direct write assembly as function of residual connected-porosity. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105035.	3.1	7
31	Coupling of plasmonic nanoparticles on a semiconductor substrate <i>via</i> a modified discrete dipole approximation method. Physical Chemistry Chemical Physics, 2022, 24, 19705-19715.	2.8	2
32	Noble Metal Nanocrystals at the Surface of Nitride Semiconductors: Synthesis, Deposition and Surface Characterization. Journal of Nanoscience and Nanotechnology, 2010, 10, 2574-2577.	0.9	1
33	From Single-Molecule Precursors to Hybrid ZnS Nanostructures. Journal of Nanoscience and Nanotechnology, 2010, 10, 2768-2775.	0.9	0