

# Miguel Oliveira

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/193451/miguel-oliveira-publications-by-year.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

3,492  
citations

29  
h-index

57  
g-index

97  
ext. papers

4,343  
ext. citations

6.9  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
92	Microbiome: A forgotten target of environmental micro(nano)plastics?. <i>Science of the Total Environment</i> , <b>2022</b> , 153628	10.2	1
91	Polymethylmethacrylate nanoplastics can cause developmental malformations in early life stages of <i>Xenopus laevis</i> . <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150491	10.2	3
90	Chronic Effects of Fluoxetine on <i>Danio rerio</i> : A Biochemical and Behavioral Perspective. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 2256	2.6	0
89	Steroid Hormones Protect against Fluoranthene Ethoxyresorufin-O-Deethylase (EROD) Activity Inhibition. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3098	2.6	
88	Levels and effects of antidepressant drugs to aquatic organisms.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2022</b> , 109322	3.2	0
87	Feeding exposure and feeding behaviour as relevant approaches in the assessment of the effects of micro(nano)plastics to early life stages of amphibians. <i>Environmental Research</i> , <b>2022</b> , 212, 113476	7.9	1
86	A baseline study on the impact of nanoplastics on the portals of entry of xenobiotics in fish. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 173, 113018	6.7	1
85	Effects of Benzo[a]pyrene, Cortisol, and 17 $\beta$ Estradiol on Liver Microsomal EROD Activity of <i>Anguilla anguilla</i> : An In Vitro Approach. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 2533	2.6	2
84	Susceptibility of <i>Folsomia candida</i> to Agrochemicals after Multigenerational Exposure to Human Pharmaceuticals. <i>Environmental Toxicology and Chemistry</i> , <b>2021</b> ,	3.8	2
83	Public views on plastic pollution: Knowledge, perceived impacts, and pro-environmental behaviours. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 412, 125227	12.8	30
82	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> , <b>2021</b> , 403, 123590	12.8	25
81	Polymethylmethacrylate nanoplastics effects on the freshwater cnidarian <i>Hydra viridissima</i> . <i>Journal of Hazardous Materials</i> , <b>2021</b> , 402, 123773	12.8	13
80	Is the toxicity of nanosized polymethylmethacrylate particles dependent on the exposure route and food items?. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 413, 125443	12.8	3
79	Immuno-modulatory effects of nanoplastics and humic acids in the European seabass ( <i>Dicentrarchus labrax</i> ). <i>Journal of Hazardous Materials</i> , <b>2021</b> , 414, 125562	12.8	7
78	On the path to minimize plastic pollution: The perceived importance of education and knowledge dissemination strategies. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 171, 112890	6.7	1
77	Short-term exposure to polymethylmethacrylate nanoplastics alters muscle antioxidant response, development and growth in <i>Sparus aurata</i> . <i>Marine Pollution Bulletin</i> , <b>2021</b> , 172, 112918	6.7	3
76	Beta-Blockers and Cancer: Where Are We?. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	12

75	Effects of gold nanoparticles in gilthead seabream-A proteomic approach. <i>Aquatic Toxicology</i> , <b>2020</b> , 221, 105445	5.1	4
74	Do microplastics affect the zoanthid <i>Zoanthus sociatus</i> ?. <i>Science of the Total Environment</i> , <b>2020</b> , 713, 136659	10.2	20
73	Biological effects and bioaccumulation of gold in gilthead seabream ( <i>Sparus aurata</i> ) - Nano versus ionic form. <i>Science of the Total Environment</i> , <b>2020</b> , 716, 137026	10.2	3
72	The Role of Humic Acids on the Effects of Nanoplastics in Fish. <i>Springer Water</i> , <b>2020</b> , 164-169	0.3	1
71	The use of <i>Hediste diversicolor</i> in the study of emerging contaminants. <i>Marine Environmental Research</i> , <b>2020</b> , 159, 105013	3.3	3
70	Behavior and biochemical responses of the polychaeta <i>Hediste diversicolor</i> to polystyrene nanoplastics. <i>Science of the Total Environment</i> , <b>2020</b> , 707, 134434	10.2	30
69	Effect of nanoplastics on fish health and performance: A review. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 151, 110791	6.7	38
68	Do nanoplastics impact the ability of the polychaeta <i>Hediste diversicolor</i> to regenerate?. <i>Ecological Indicators</i> , <b>2020</b> , 110, 105921	5.8	15
67	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> , <b>2020</b> , 708, 134821	10.2	18
66	Perspectives on Micro(Nano)Plastics in the Marine Environment: Biological and Societal Considerations. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 3208	3	9
65	Effects of single and combined exposures of gold (nano versus ionic form) and gemfibrozil in a liver organ culture of <i>Sparus aurata</i> . <i>Marine Pollution Bulletin</i> , <b>2020</b> , 160, 111665	6.7	2
64	Insights into nanoplastics effects on human health. <i>Science Bulletin</i> , <b>2020</b> , 65, 1966-1969	10.6	6
63	2,4-Dichlorophenoxyacetic acid herbicide effects on zebrafish larvae: development, neurotransmission and behavior as sensitive endpoints. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 3686-3696	5.1	12
62	Multiorgan histopathological changes in the juvenile seabream <i>Sparus aurata</i> as a biomarker for zinc oxide particles toxicity. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 30907-30917	5.1	8
61	The effects of nanoplastics on marine plankton: A case study with polymethylmethacrylate. <i>Ecotoxicology and Environmental Safety</i> , <b>2019</b> , 184, 109632	7	40
60	Nanoplastics and marine organisms: What has been studied?. <i>Environmental Toxicology and Pharmacology</i> , <b>2019</b> , 67, 1-7	5.8	101
59	A micro(nano)plastic boomerang tale: A never ending story?. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 112, 196-200	14.6	52
58	Toxicogenomics of Gold Nanoparticles in a Marine Fish: Linkage to Classical Biomarkers. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	7

57	Transport and Recovery of Gilthead Sea Bream ( L.) Sedated With Clove Oil and MS222: Effects on Oxidative Stress Status. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 523	4.6	15
56	The why and how of micro(nano)plastic research. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 196-201	4.6	67
55	Polystyrene nanoplastics alter the cytotoxicity of human pharmaceuticals on marine fish cell lines. <i>Environmental Toxicology and Pharmacology</i> , <b>2019</b> , 69, 57-65	5.8	41
54	Are ecosystem services provided by insects Bugged by micro (nano)plastics?. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 113, 317-320	14.6	25
53	Behavioral effects in adult zebrafish after developmental exposure to carbaryl. <i>Chemosphere</i> , <b>2019</b> , 235, 1022-1029	8.4	7
52	Evaluation of C-reactive-like protein in <i>Mytilus galloprovincialis</i> . <i>Ecological Indicators</i> , <b>2019</b> , 106, 105537	5.8	1
51	Gene expression patterns and related enzymatic activities of detoxification and oxidative stress systems in zebrafish larvae exposed to the 2,4-dichlorophenoxyacetic acid herbicide. <i>Chemosphere</i> , <b>2019</b> , 224, 289-297	8.4	25
50	Genotoxicity of gold nanoparticles in the gilthead seabream ( <i>Sparus aurata</i> ) after single exposure and combined with the pharmaceutical gemfibrozil. <i>Chemosphere</i> , <b>2019</b> , 220, 11-19	8.4	14
49	The role of humic acids on gemfibrozil toxicity to zebrafish embryos. <i>Chemosphere</i> , <b>2019</b> , 220, 556-564	8.4	9
48	Effects and bioaccumulation of gold nanoparticles in the gilthead seabream ( <i>Sparus aurata</i> ) - Single and combined exposures with gemfibrozil. <i>Chemosphere</i> , <b>2019</b> , 215, 248-260	8.4	14
47	Toxic effects of human pharmaceuticals to <i>Folsomia candida</i> - A multigeneration approach. <i>Science of the Total Environment</i> , <b>2018</b> , 625, 1225-1233	10.2	14
46	Tools to assess effects of human pharmaceuticals in fish: A case study with gemfibrozil. <i>Ecological Indicators</i> , <b>2018</b> , 95, 1100-1107	5.8	3
45	Can non-invasive methods be used to assess effects of nanoparticles in fish?. <i>Ecological Indicators</i> , <b>2018</b> , 95, 1118-1127	5.8	10
44	Effects of acute handling stress on short-term central expression of orexigenic/anorexigenic genes in zebrafish. <i>Fish Physiology and Biochemistry</i> , <b>2018</b> , 44, 257-272	2.7	13
43	Effects of nanoplastics on <i>Mytilus galloprovincialis</i> after individual and combined exposure with carbamazepine. <i>Science of the Total Environment</i> , <b>2018</b> , 643, 775-784	10.2	173
42	Studies of the effects of microplastics on aquatic organisms: What do we know and where should we focus our efforts in the future?. <i>Science of the Total Environment</i> , <b>2018</b> , 645, 1029-1039	10.2	538
41	Chronic effects of carbamazepine on zebrafish: Behavioral, reproductive and biochemical endpoints. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 164, 297-304	7	23
40	Gold nanoparticles exposure modulates antioxidant and innate immune gene expression in the gills of <i>Sparus aurata</i> . <i>Genomics</i> , <b>2018</b> , 110, 430-434	4.3	5

39	Effects of polymethylmethacrylate nanoplastics on <i>Dicentrarchus labrax</i> . <i>Genomics</i> , <b>2018</b> , 110, 435-441	4.3	80
38	A multibiomarker approach highlights effects induced by the human pharmaceutical gemfibrozil on gilthead seabream <i>Sparus aurata</i> . <i>Aquatic Toxicology</i> , <b>2018</b> , 200, 266-274	5.1	20
37	Modulation of immune genes mRNA levels in mucosal tissues and DNA damage in red blood cells of <i>Sparus aurata</i> by gold nanoparticles. <i>Marine Pollution Bulletin</i> , <b>2018</b> , 133, 428-435	6.7	7
36	Linking cortisol response with gene expression in fish exposed to gold nanoparticles. <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 1004-1011	10.2	21
35	Genotoxicity of gemfibrozil in the gilthead seabream ( <i>Sparus aurata</i> ). <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2017</b> , 821, 36-42	3	20
34	Synergy effects of fluoxetine and variability in temperature lead to proportionally greater fitness costs in <i>Daphnia</i> : A multigenerational test. <i>Aquatic Toxicology</i> , <b>2017</b> , 193, 268-275	5.1	16
33	Effects of the lipid regulator drug gemfibrozil: A toxicological and behavioral perspective. <i>Aquatic Toxicology</i> , <b>2016</b> , 170, 355-364	5.1	29
32	Environmental Fate of Zinc Oxide Nanoparticles: Risks and Benefits <b>2016</b> ,		12
31	Assessment of gold nanoparticle effects in a marine teleost ( <i>Sparus aurata</i> ) using molecular and biochemical biomarkers. <i>Aquatic Toxicology</i> , <b>2016</b> , 177, 125-35	5.1	40
30	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms - An in vitro approach. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 106, 236-44	6.7	23
29	Evaluation of gemfibrozil effects on a marine fish ( <i>Sparus aurata</i> ) combining gene expression with conventional endocrine and biochemical endpoints. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 318, 600-607	12.8	17
28	Effects of short-term exposure to fluoxetine and carbamazepine to the collembolan <i>Folsomia candida</i> . <i>Chemosphere</i> , <b>2015</b> , 120, 86-91	8.4	20
27	Behavior of colloidal gold nanoparticles in different ionic strength media. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	40
26	Does the presence of microplastics influence the acute toxicity of chromium(VI) to early juveniles of the common goby ( <i>Pomatoschistus microps</i> )? A study with juveniles from two wild estuarine populations. <i>Aquatic Toxicology</i> , <b>2015</b> , 164, 163-74	5.1	197
25	Single and combined effects of microplastics and pyrene on juveniles (0+ group) of the common goby <i>Pomatoschistus microps</i> (Teleostei, Gobiidae). <i>Ecological Indicators</i> , <b>2013</b> , 34, 641-647	5.8	410
24	Effects of short-term exposure to microplastics and pyrene on <i>Pomatoschistus microps</i> (Teleostei, Gobiidae). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 163, S20	2.6	9
23	Effects of exposure to microplastics and PAHs on microalgae <i>Rhodomonas baltica</i> and <i>Tetraselmis chuii</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 163, S19-S20	2.6	10
22	Acute toxic effects of pyrene on <i>Pomatoschistus microps</i> (Teleostei, Gobiidae): Mortality, biomarkers and swimming performance. <i>Ecological Indicators</i> , <b>2012</b> , 19, 206-214	5.8	54

21	Fish thyroidal and stress responses in contamination monitoring--an integrated biomarker approach. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 1265-70	7	26
20	Evaluation of oxidative DNA lesions in plasma and nuclear abnormalities in erythrocytes of wild fish ( <i>Liza aurata</i> ) as an integrated approach to genotoxicity assessment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2010</b> , 703, 83-9	3	28
19	Hepatic metallothionein concentrations in the golden grey mullet ( <i>Liza aurata</i> ) - Relationship with environmental metal concentrations in a metal-contaminated coastal system in Portugal. <i>Marine Environmental Research</i> , <b>2010</b> , 69, 227-33	3.3	30
18	Golden grey mullet and sea bass oxidative DNA damage and clastogenic/aneugenic responses in a contaminated coastal lagoon. <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1907-13	7	12
17	Antioxidant responses versus DNA damage and lipid peroxidation in golden grey mullet liver: a field study at Ria de Aveiro (Portugal). <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 59, 454-63	3.2	17
16	Monitoring pollution of coastal lagoon using <i>Liza aurata</i> kidney oxidative stress and genetic endpoints: an integrated biomarker approach. <i>Ecotoxicology</i> , <b>2010</b> , 19, 643-53	2.9	23
15	Seasonal <i>Liza aurata</i> tissue-specific DNA integrity in a multi-contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Marine Pollution Bulletin</i> , <b>2010</b> , 60, 1755-61	6.7	8
14	Wild juvenile <i>Dicentrarchus labrax</i> L. liver antioxidant and damage responses at Aveiro Lagoon, Portugal. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 1861-70	7	37
13	Contamination assessment of a coastal lagoon (Ria de Aveiro, Portugal) using defence and damage biochemical indicators in gill of <i>Liza aurata</i> --an integrated biomarker approach. <i>Environmental Pollution</i> , <b>2009</b> , 157, 959-67	9.3	124
12	Organ specific antioxidant responses in golden grey mullet ( <i>Liza aurata</i> ) following a short-term exposure to phenanthrene. <i>Science of the Total Environment</i> , <b>2008</b> , 396, 70-8	10.2	89
11	DNA damage and lipid peroxidation vs. protection responses in the gill of <i>Dicentrarchus labrax</i> L. from a contaminated coastal lagoon (Ria de Aveiro, Portugal). <i>Science of the Total Environment</i> , <b>2008</b> , 406, 298-307	10.2	38
10	European eel ( <i>Anguilla anguilla</i> L.) metallothionein, endocrine, metabolic and genotoxic responses to copper exposure. <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 70, 20-6	7	49
9	Modulatory role of copper on $\beta$ -naphthoflavone-induced DNA damage in European eel ( <i>Anguilla anguilla</i> L.). <i>Ecotoxicology and Environmental Safety</i> , <b>2008</b> , 71, 806-12	7	4
8	Cytochrome P4501A, genotoxic and stress responses in golden grey mullet ( <i>Liza aurata</i> ) following short-term exposure to phenanthrene. <i>Chemosphere</i> , <b>2007</b> , 66, 1284-91	8.4	61
7	Oxidative stress, liver biotransformation and genotoxic effects induced by copper in <i>Anguilla anguilla</i> L.--the influence of pre-exposure to beta-naphthoflavone. <i>Chemosphere</i> , <b>2006</b> , 65, 1821-30	8.4	60
6	Oxidative stress and genotoxic effects in gill and kidney of <i>Anguilla anguilla</i> L. exposed to chromium with or without pre-exposure to beta-naphthoflavone. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2006</b> , 608, 16-28	3	134
5	<i>Anguilla anguilla</i> L. oxidative stress biomarkers responses to copper exposure with or without beta-naphthoflavone pre-exposure. <i>Chemosphere</i> , <b>2005</b> , 61, 267-75	8.4	81
4	Oxidative stress and genotoxic responses to resin acids in Mediterranean mussels. <i>Ecotoxicology and Environmental Safety</i> , <b>2005</b> , 61, 221-9	7	31

- 3 Endocrine and metabolic changes in *Anguilla anguilla* L. following exposure to beta-naphthoflavone--a microsomal enzyme inducer. *Environment International*, **2005**, 31, 99-104 12.9 29
- 2 Biotransformation and genotoxic biomarkers in mullet species (*Liza* sp.) from a contaminated coastal lagoon (Ria de Aveiro, Portugal). *Environmental Monitoring and Assessment*, **2005**, 107, 133-53 3.1 53
- 1 Glutathione protects heavy metal-induced inhibition of hepatic microsomal ethoxyresorufin O-deethylase activity in *Dicentrarchus labrax* L. *Ecotoxicology and Environmental Safety*, **2004**, 58, 379-85 60