

# Mauricio A Urbina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1456658/publications.pdf>

Version: 2024-02-01

50  
papers

2,415  
citations

236612

25  
h-index

223531

46  
g-index

51  
all docs

51  
docs citations

51  
times ranked

3481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical and anthropogenic drivers shaping the spatial distribution of microplastics in the marine sediments of Chilean fjords. <i>Science of the Total Environment</i> , 2022, 814, 152506.	3.9	29
2	Microplastic concentration, distribution and dynamics along one of the largest Mediterranean-climate rivers: A whole watershed approach.. <i>Environmental Research</i> , 2022, 209, 112808.	3.7	17
3	Oxidative damages and antioxidant defences after feeding a single meal in rainbow trout. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2022, 192, 459-471.	0.7	2
4	A country's response to tackling plastic pollution in aquatic ecosystems: The Chilean way. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 420-440.	0.9	17
5	Annual cycle of growth and population structure of the estuarine crab <i>Hemigrapsus crenulatus</i> (Brachyura: Varunidae) off central Chile. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2021, 101, 343-357.	0.4	1
6	Aerobic and anaerobic metabolic scaling in the burrowing freshwater crayfish <i>Parastacus pugnax</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 617-628.	0.7	2
7	Age dependent physiological tolerances explain population dynamics and distribution in the intertidal zone: A study with porcelain crabs. <i>Marine Environmental Research</i> , 2021, 169, 105343.	1.1	5
8	Anthropogenic underwater vibrations are sensed and stressful for the shore crab <i>Carcinus maenas</i> . <i>Environmental Pollution</i> , 2021, 285, 117148.	3.7	12
9	Marine invertebrate larvae love plastics: Habitat selection and settlement on artificial substrates. <i>Environmental Pollution</i> , 2020, 257, 113571.	3.7	47
10	Genomic basis of the loss of diadromy in <i>Galaxias maculatus</i> : Insights from reciprocal transplant experiments. <i>Molecular Ecology</i> , 2020, 29, 4857-4870.	2.0	19
11	Diel vertical migration into anoxic and high-pCO <sub>2</sub> waters: acoustic and net-based krill observations in the Humboldt Current. <i>Scientific Reports</i> , 2020, 10, 17181.	1.6	12
12	Monitoring the occurrence of microplastic ingestion in Otariids along the Peruvian and Chilean coasts. <i>Marine Pollution Bulletin</i> , 2020, 153, 110966.	2.3	47
13	Anthropogenic noise disrupts mating behavior and metabolic rate in a marine invertebrate. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	5
14	Effects of pharmaceuticals used to treat salmon lice on non-target species: Evidence from a systematic review. <i>Science of the Total Environment</i> , 2019, 649, 1124-1136.	3.9	58
15	Decreased Metabolic Rate in the Mole Crabs, <i>Emerita analoga</i> , Infected with the Acanthocephalan <i>Profilicollis altmani</i> . <i>Journal of Parasitology</i> , 2019, 105, 19.	0.3	1
16	Hydroclimatic conditions trigger record harmful algal bloom in western Patagonia (summer 2016). <i>Scientific Reports</i> , 2018, 8, 1330.	1.6	133
17	Low prevalence of microplastic contamination in planktivorous fish species from the southeast Pacific Ocean. <i>Marine Pollution Bulletin</i> , 2018, 127, 211-216.	2.3	169
18	Effects of arsenic toxicity beyond epigenetic modifications. <i>Environmental Geochemistry and Health</i> , 2018, 40, 955-965.	1.8	73

#	ARTICLE	IF	CITATIONS
19	Early development of the ectoparasite <i>Caligus rogercresseyi</i> under combined salinity and temperature gradients. <i>Aquaculture</i> , 2018, 486, 68-74.	1.7	26
20	A systematic review and meta-analysis of metal concentrations in canned tuna fish in Iran and human health risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 118, 753-765.	1.8	97
21	Does sex really matter? Explaining intraspecies variation in ocean acidification responses. <i>Biology Letters</i> , 2017, 13, 20160761.	1.0	36
22	Impacts of ocean acidification on sperm develop with exposure time for a polychaete with long lived sperm. <i>Marine Environmental Research</i> , 2017, 129, 268-276.	1.1	5
23	Ecophysiological adaptations to variable salinity environments in the crab <i>Hemigrapsus crenulatus</i> from the Southeastern Pacific coast: Sodium regulation, respiration and excretion. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 210, 35-43.	0.8	20
24	May traffic air pollution be involved in autism spectrum disorder?. <i>Environmental Research</i> , 2017, 154, 57-59.	3.7	1
25	Lessons from two high $\text{CO}_2$ worlds " future oceans and intensive aquaculture. <i>Global Change Biology</i> , 2017, 23, 2141-2148.	4.2	63
26	Fluoxetine Exhibits Pharmacological Effects and Trait-Based Sensitivity in a Marine Worm. <i>Environmental Science &amp; Technology</i> , 2016, 50, 8344-8352.	4.6	13
27	Evaluation of whole blood zinc and copper levels in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2016, 31, 887-890.	1.4	52
28	Effect of Microplastic on the Gills of the Shore Crab <i>Carcinus maenas</i> . <i>Environmental Science &amp; Technology</i> , 2016, 50, 5364-5369.	4.6	228
29	Tide-related biological rhythm in the oxygen consumption rate of ghost shrimp ( <i>Neotrypaea uncinata</i> )	0.8	4
30	Temporal variation on environmental variables and pollution indicators in marine sediments under sea Salmon farming cages in protected and exposed zones in the Chilean inland Southern Sea. <i>Science of the Total Environment</i> , 2016, 573, 841-853.	3.9	28
31	The positive association between elevated blood lead levels and brain-specific autoantibodies in autistic children from low lead-polluted areas. <i>Metabolic Brain Disease</i> , 2016, 31, 1047-1054.	1.4	29
32	A new analysis of hypoxia tolerance in fishes using a database of critical oxygen level ( $P_{crit}$ )., 2016, 4, cow012.		133
33	The levels of blood mercury and inflammatory-related neuropeptides in the serum are correlated in children with autism spectrum disorder. <i>Metabolic Brain Disease</i> , 2016, 31, 593-599.	1.4	43
34	Salinity-dependent mechanisms of copper toxicity in the galaxiid fish, <i>Galaxias maculatus</i> . <i>Aquatic Toxicology</i> , 2016, 174, 199-207.	1.9	20
35	Effects of seawater alkalinity on calcium and acid-base regulation in juvenile European lobster ( <i>Homarus gammarus</i> )	0.8	9
36	Acid glycosaminoglycan (aGAG) excretion is increased in children with autism spectrum disorder, and it can be controlled by diet. <i>Metabolic Brain Disease</i> , 2016, 31, 273-278.	1.4	24

#	ARTICLE	IF	CITATIONS
37	Microbial proliferation on gill structures of juvenile European lobster ( <i>Homarus gammarus</i> ) during a moult cycle. <i>Helgoland Marine Research</i> , 2015, 69, 401-410.	1.3	6
38	Ingestion of Plastic Microfibers by the Crab <i>Carcinus maenas</i> and Its Effect on Food Consumption and Energy Balance. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14597-14604.	4.6	404
39	Labs should cut plastic waste too. <i>Nature</i> , 2015, 528, 479-479.	13.7	79
40	Combined effects of UV irradiation, ozonation, and the probiotic <i>Bacillus</i> spp. on growth, survival, and general fitness in European lobster ( <i>Homarus gammarus</i> ). <i>Aquaculture</i> , 2015, 444, 99-107.	1.7	26
41	Effect of salinity on osmoregulation, metabolism and nitrogen excretion in the amphidromous fish, inanga ( <i>Galaxias maculatus</i> ). <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 7-15.	0.7	56
42	Physiological responses of the ghost shrimp <i>Neotrypaea uncinata</i> (Milne Edwards 1837) (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 189, 30-37.	0.8	15
43	Physiological and biochemical strategies for withstanding emersion in two galaxiid fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 176, 49-58.	0.8	13
44	The importance of cutaneous gas exchange during aerial and aquatic respiration in galaxiids. <i>Journal of Fish Biology</i> , 2014, 84, 759-773.	0.7	24
45	Differential expression of Na <sup>+</sup> , K <sup>+</sup> -ATPase $\alpha$ -1 isoforms during seawater acclimation in the amphidromous galaxiid fish <i>Galaxias maculatus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 345-357.	0.7	42
46	Physiological responses of the southern king crab, <i>Lithodes santolla</i> (Decapoda: Lithodidae), to aerial exposure. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2013, 166, 538-545.	0.8	38
47	Relationship between Fish Size and Metabolic Rate in the Oxyconforming Inanga <i>Galaxias maculatus</i> Reveals Size-Dependent Strategies to Withstand Hypoxia. <i>Physiological and Biochemical Zoology</i> , 2013, 86, 740-749.	0.6	45
48	Should I stay or should I go?: Physiological, metabolic and biochemical consequences of voluntary emersion upon aquatic hypoxia in the scaleless fish <i>Galaxias maculatus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012, 182, 1057-1067.	0.7	34
49	A novel oxyconforming response in the freshwater fish <i>Galaxias maculatus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 161, 301-306.	0.8	29
50	Leap of faith: Voluntary emersion behaviour and physiological adaptations to aerial exposure in a non-aestivating freshwater fish in response to aquatic hypoxia. <i>Physiology and Behavior</i> , 2011, 103, 240-247.	1.0	47