

# Andres Hugo Arias

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,238  
citations

393982

19  
h-index

395343

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Presence, distribution, and origins of polycyclic aromatic hydrocarbons (PAHs) in sediments from Bah�a Blanca estuary, Argentina. <i>Environmental Monitoring and Assessment</i> , 2010, 160, 301-314.	1.3	99
2	Evidence of Microplastic Ingestion by Fish from the Bah�a Blanca Estuary in Argentina, South America. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 750-756.	1.3	94
3	First evidence of microplastics in nine lakes across Patagonia (South America). <i>Science of the Total Environment</i> , 2020, 733, 139385.	3.9	89
4	Polycyclic aromatic hydrocarbons in water, mussels ( <i>Brachidontes</i> sp., <i>Tagelus</i> sp.) and fish ( <i>Odontesthes</i> sp.) from Bah�a Blanca Estuary, Argentina. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 85, 67-81.	0.9	81
5	Distribution, Sources, and Potential Ecotoxicological Risk of Polycyclic Aromatic Hydrocarbons in Surface Sediments from Bah�a Blanca Estuary, Argentina. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 163-172.	2.1	63
6	Multi-year monitoring of estuarine sediments as ultimate sink for DDT, HCH, and other organochlorinated pesticides in Argentina. <i>Environmental Monitoring and Assessment</i> , 2011, 172, 17-32.	1.3	51
7	Continental microplastics: Presence, features, and environmental transport pathways. <i>Science of the Total Environment</i> , 2021, 799, 149447.	3.9	51
8	Cell Cycle Regulation in Retinal Progenitors by Glia-Derived Neurotrophic Factor and Docosahexaenoic Acid. , 2003, 44, 2235.		47
9	Persistent organic pollutants sorbed in plastic resin pellet "Nurdles" from coastal areas of Central Chile. <i>Marine Pollution Bulletin</i> , 2020, 151, 110786.	2.3	47
10	Assessing threats, regulations, and strategies to abate plastic pollution in LAC beaches during COVID-19 pandemic. <i>Ocean and Coastal Management</i> , 2021, 208, 105613.	2.0	45
11	Synthetic microfibers in marine sediments and surface seawater from the Argentinean continental shelf and a Marine Protected Area. <i>Marine Pollution Bulletin</i> , 2019, 149, 110618.	2.3	40
12	Distribution and human health risk assessment of PAHs in four fish species from a SW Atlantic estuary. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18979-18990.	2.7	39
13	Persistent organic pollutants (POPs) in coastal wetlands: A review of their occurrences, toxic effects, and biogeochemical cycling. <i>Marine Pollution Bulletin</i> , 2021, 172, 112864.	2.3	37
14	Role of Nutrients in Phytoplankton Development during a Winter Diatom Bloom in a Eutrophic South American Estuary (Bah�a Blanca, Argentina). <i>Journal of Coastal Research</i> , 2015, 31, 76.	0.1	34
15	Spatial Distribution and Ecological Risk Assessment of Residual Organochlorine Pesticides (OCPs) in South American Marine Environments. <i>Current Environmental Health Reports</i> , 2020, 7, 147-160.	3.2	34
16	Removal and Biodegradation of Phenanthrene, Fluoranthene and Pyrene by the Marine Algae <i>Rhodomonas baltica</i> Enriched from North Atlantic Coasts. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 392-399.	1.3	31
17	Synthetic microfibers and tyre wear particles pollution in aquatic systems: Relevance and mitigation strategies. <i>Environmental Pollution</i> , 2022, 295, 118607.	3.7	28
18	Microplastics integrating the zooplanktonic fraction in a saline lake of Argentina: influence of water management. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 117.	1.3	27

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19	Bioaccumulation of PAHs in marine zooplankton: an experimental study in the copepod <i>Pseudodiaptomus marinus</i> . <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	24
20	Assessment of trace metal accumulation in native mussels ( <i>Brachidontes rodriguezii</i> ) from a South American temperate estuary. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15781-15793.	2.7	21
21	Seasonal changes in organotin compounds in sediments from the Bah�a Blanca Estuary. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	20
22	Seasonal distribution pattern and bioaccumulation of Polycyclic aromatic hydrocarbons (PAHs) in four bioindicator coastal fishes of Argentina. <i>Environmental Pollution</i> , 2021, 291, 118125.	3.7	20
23	Characterization of atmospheric and soil polycyclic aromatic hydrocarbons and evaluation of air-soil relationship in the Southwest of Buenos Aires province (Argentina). <i>Chemosphere</i> , 2020, 240, 124847.	4.2	19
24	Nutritive and Xenobiotic Compounds in the Alien Algae <i>Undaria pinnatifida</i> From Argentine Patagonia. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 553-565.	2.1	17
25	Biomarker Responses to Polycyclic Aromatic Hydrocarbons in the Native Fish <i>Ramnogaster arcuata</i> , South America. <i>International Journal of Environmental Research</i> , 2019, 13, 77-89.	1.1	16
26	Polycyclic Aromatic Hydrocarbons in Mussels from a South American Estuary. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 540-551.	2.1	15
27	Organotin compounds in <i>Brachidontes rodriguezii</i> mussels from the Bah�a Blanca Estuary, Argentina. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 518-527.	2.9	15
28	Tidal time-scale variation of inorganic nutrients and organic matter in Bah�a Blanca mesotidal estuary, Argentina. <i>Chemistry and Ecology</i> , 2009, 25, 453-465.	0.6	14
29	Records of organochlorine pesticides in soils and sediments on the southwest of Buenos Aires Province, Argentina. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	14
30	Polycyclic aromatic hydrocarbons levels and potential biomarkers in a native South American marine fish. <i>Regional Studies in Marine Science</i> , 2019, 29, 100695.	0.4	14
31	Spatiotemporal distribution of organotin compounds in the coastal water of the Bah�a Blanca estuary (Argentina). <i>Environmental Science and Pollution Research</i> , 2019, 26, 7601-7613.	2.7	14
32	Plastic Impacts in Argentina: a Critical Research Review Contributing to the Global Knowledge. <i>Current Environmental Health Reports</i> , 2021, 8, 212-222.	3.2	11
33	Low-cost monitoring buoys network tracking biogeochemical changes in lakes and marine environments â a regional case study. <i>Pure and Applied Chemistry</i> , 2018, 90, 1631-1646.	0.9	9
34	Atmospheric PAHs in rural, urban, industrial and beach locations in Buenos Aires Province, Argentina: sources and health risk assessment. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2419-2433.	1.8	9
35	First evidence of polycyclic aromatic hydrocarbons in sediments from a marine protected area within Argentinean Continental Shelf. <i>Marine Pollution Bulletin</i> , 2020, 158, 111385.	2.3	8
36	Franciscana dolphins as PCBs marine biomonitors in Argentina, south-west Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 979-992.	0.4	6

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37	Preliminary studies about the role of physicochemical parameters on the organotin compound dynamic in a South American estuary (Bah�a Blanca, Argentina). <i>Environmental Monitoring and Assessment</i> , 2019, 191, 127.	1.3	5
38	Distribution of Butyltin Compounds in the Coastal Environment of the Bah�a Blanca Estuary, Argentina. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 81, 307-323.	2.1	5
39	Fast and Feasible Ultrasound-Assisted Pretreatment for the Determination of Organotin Compounds in Environmental Samples. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 645-655.	2.1	4
40	Occurrence and spatial distribution of organochlorine pesticides in the southwest Buenos Aires using the freshwater snail <i>Chilina parhappii</i> as environmental biomonitor. <i>Regional Studies in Marine Science</i> , 2020, 33, 100898.	0.4	4
41	Bah�a Blanca Estuary: A Chemical Oceanographic Approach. , 2021, , 51-81.		3
42	First records of polycyclic aromatic hydrocarbons and metals in sediments from a shallow lake in the Pampean�Patagonian region (Argentina). <i>Marine and Freshwater Research</i> , 2019, 70, 1378.	0.7	1
43	The Northern Argentine Sea. , 2019, , 759-781.		1
44	Estuarine Environmental Monitoring Programs: Long-Term Studies. , 2021, , 521-547.		1
45	Polycyclic Aromatic Hydrocarbons. , 2020, , 288-316.		1
46	Brominated Flame Retardants. , 2020, , 317-334.		0