

# Juan Jose Alava

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,112  
citations

394286

19  
h-index

434063

31  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate changeâ€“contaminant interactions in marine food webs: Toward a conceptual framework. <i>Global Change Biology</i> , 2017, 23, 3984-4001.	4.2	122
2	Modeling the Bioaccumulation and Biomagnification Potential of Microplastics in a Cetacean Foodweb of the Northeastern Pacific: A Prospective Tool to Assess the Risk Exposure to Plastic Particles. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	54
3	Stable isotopes indicate differing foraging strategies in two sympatric otariids of the Galapagos Islands. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 424-425, 44-52.	0.7	53
4	The demise of Darwin's fishes: evidence of fishing down and illegal shark finning in the GalÃ¡pagos Islands. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 431-446.	0.9	52
5	Projected amplification of food web bioaccumulation of MeHg and PCBs under climate change in the Northeastern Pacific. <i>Scientific Reports</i> , 2018, 8, 13460.	1.6	50
6	Geographical variation of persistent organic pollutants in eggs of threatened loggerhead sea turtles ( <i>Caretta caretta</i> ) from southeastern United States. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1677-1688.	2.2	48
7	Loggerhead sea turtle ( <i>Caretta caretta</i> ) egg yolk concentrations of persistent organic pollutants and lipid increase during the last stage of embryonic development. <i>Science of the Total Environment</i> , 2006, 367, 170-181.	3.9	47
8	WTO must ban harmful fisheries subsidies. <i>Science</i> , 2021, 374, 544-544.	6.0	45
9	Habitat-Based PCB Environmental Quality Criteria for the Protection of Endangered Killer Whales ( <i>Orcinus orca</i> ). <i>Environmental Science &amp; Technology</i> , 2012, 46, 12655-12663.	4.6	42
10	In hot soup: sharks captured in Ecuador's waters. <i>Journal of Integrative Environmental Sciences</i> , 2008, 5, 269-283.	0.8	41
11	Mercury accumulation in sediments and seabird feathers from the Antarctic Peninsula. <i>Marine Pollution Bulletin</i> , 2015, 91, 410-417.	2.3	39
12	DDT in endangered Galapagos sea lions ( <i>Zalophus wollebaeki</i> ). <i>Marine Pollution Bulletin</i> , 2011, 62, 660-671.	2.3	30
13	Modeling PCB-Bioaccumulation in the Bottlenose Dolphin ( <i>Tursiops truncatus</i> ): Estimating a Dietary Threshold Concentration. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12314-12324.	4.6	30
14	POLYCHLORINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS IN GALAPAGOS SEA LIONS ( <i>ZALOPHUS WOLLEBAEKI</i> ). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2271.	2.2	29
15	Modeling <sup>137</sup> Cs bioaccumulation in the salmonâ€“resident killer whale food web of the Northeastern Pacific following the Fukushima Nuclear Accident. <i>Science of the Total Environment</i> , 2016, 544, 56-67.	3.9	29
16	Food Web Bioaccumulation Model for Resident Killer Whales from the Northeastern Pacific Ocean as a Tool for the Derivation of PBDE-Sediment Quality Guidelines. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 155-168.	2.1	26
17	Mercury assessment, macrobenthos diversity and environmental quality conditions in the Salado Estuary (Gulf of Guayaquil, Ecuador) impacted by anthropogenic influences. <i>Marine Pollution Bulletin</i> , 2018, 136, 365-373.	2.3	26
18	Impact of Ocean Warming, Overfishing and Mercury on European Fisheries: A Risk Assessment and Policy Solution Framework. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	23

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19	PBDE flame retardants and PCBs in migrating Steller sea lions ( <i>Eumetopias jubatus</i> ) in the Strait of Georgia, British Columbia, Canada. <i>Chemosphere</i> , 2012, 88, 855-864.	4.2	21
20	DDT Strikes Back: Galapagos Sea Lions Face Increasing Health Risks. <i>Ambio</i> , 2011, 40, 425-430.	2.8	19
21	Pollution as an Emerging Threat for the Conservation of the Galapagos Marine Reserve: Environmental Impacts and Management Perspectives. <i>Social and Ecological Interactions in the Galapagos Islands</i> , 2014, , 247-283.	0.4	18
22	Illegal fishing on the Galápagos high seas. <i>Science</i> , 2017, 357, 1362-1362.	6.0	18
23	Mitigating cetacean bycatch in coastal Ecuador: Governance challenges for small-scale fisheries. <i>Marine Policy</i> , 2019, 110, 102769.	1.5	18
24	A critical narrative of Ecuador's preparedness and response to the COVID-19 pandemic. <i>Public Health in Practice</i> , 2021, 2, 100127.	0.7	18
25	Persistent Organic Pollutants and Mercury in Genetically Identified Inner Estuary Bottlenose Dolphin ( <i>Tursiops truncatus</i> ) Residents of the Guayaquil Gulf, Ecuador: Ecotoxicological Science in Support of Pollutant Management and Cetacean Conservation. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	16
26	Threats and Vision for the Conservation of Galápagos Birds. <i>Open Ornithology Journal</i> , 2019, 12, 1-15.	0.4	16
27	Strand-feeding by coastal bottlenose dolphins ( <i>Tursiops truncatus</i> ) in the Gulf of Guayaquil, Ecuador. <i>The Latin American Journal of Aquatic Mammals</i> , 2015, 10, 33-37.	0.5	15
28	Assessing the impact of bycatch on Ecuadorian humpback whale breeding stock: A review with management recommendations. <i>Ocean and Coastal Management</i> , 2012, 57, 34-43.	2.0	14
29	Marine mammals used as bait for improvised fish aggregating devices in marine waters of Ecuador, eastern tropical Pacific. <i>Endangered Species Research</i> , 2020, 41, 289-302.	1.2	13
30	Occurrence and size distribution of microplastics in mudflat sediments of the Cowichan-Koksilah Estuary, Canada: A baseline for plastic particles contamination in an anthropogenic-influenced estuary. <i>Marine Pollution Bulletin</i> , 2021, 173, 113033.	2.3	13
31	Pollutants in Tropical Marine Mammals of the Galápagos Islands, Ecuador. , 2018, , 213-234.		10
32	Ocean pollution and warming oceans: toward ocean solutions and natural marine bioremediation. , 2019, , 495-518.		10
33	Ecología poblacional, distribución y estudio de hábitat de <i>Crocodylus acutus</i> (Cuvier, 1807) en la Reserva de producción de fauna manglares El Salado del estuario del Golfo de Guayaquil, Ecuador. <i>Revista De Biología Marina Y Oceanografía</i> , 2005, 40, .	0.1	10
34	Microplastics and Macroplastic Debris as Potential Physical Vectors of SARS-CoV-2: A Hypothetical Overview with Implications for Public Health. <i>Microplastics</i> , 2022, 1, 156-166.	1.6	10
35	Short Note: Observations of Killer Whale ( <i>Orcinus orca</i> ) Attacks on Bryde's Whales ( <i>Balaenoptera</i> )	0.4	9
36	A Citizen Science Facemask Experiment and Educational Modules to Improve Coronavirus Safety in Communities and Schools. <i>Frontiers in Medicine</i> , 2020, 7, 486.	1.2	9

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37	Carbon productivity and flux in the marine ecosystems of the Galapagos Marine Reserve based on cetacean abundances and trophic indices. <i>Revista De Biología Marina Y Oceanografía</i> , 2009, 44, .	0.1	8
38	Pipelines imperil Canada's ecosystem. <i>Science</i> , 2017, 355, 140.	6.0	7
39	Southern elephant seal vagrants in Ecuador: a symptom of La Niña events?. <i>Marine Biodiversity Records</i> , 2018, 11, .	1.2	7
40	Scanning electron microscopy of <i>Neoechinorhynchus</i> sp. (Acanthocephala: Neoechinorhynchidae), a possible new species of intestinal parasite of the Tallfin croaker <i>Micropogonias altipinnis</i> (Günther, 1859) (Perciformes: Serranidae). <i>Tropical Oceanography</i> , 2017, 40, 10-14.	0.0	0
41	Drilling Plans Endanger Yasuná's Biodiversity. <i>Science</i> , 2013, 342, 931-932.	6.0	5
42	First Documented Record of Nesting by the Olive Ridley Turtle ( <i>Lepidochelys olivacea</i> ) in Ecuador. <i>Chelonian Conservation and Biology</i> , 2007, 6, 282.	0.1	4
43	Fukushima-derived radioactivity measurements in Pacific salmon and soil samples collected in British Columbia, Canada. <i>Canadian Journal of Chemistry</i> , 2018, 96, 124-131.	0.6	4
44	Legacy and Emerging Pollutants in Marine Mammals' Habitat from British Columbia, Canada: Management perspectives for sensitive marine ecosystems. , 2019, , 87-114.		4
45	Population, Seasonality and Conservation Threats of the Horned Screamer ( <i>Anhima cornuta</i> ) in Southwestern Ecuador. <i>Waterbirds</i> , 2009, 32, 81-86.	0.2	2
46	Primeros registros de elefantes marinos en el Pacífico colombiano: Elefantes marinos del sur, <i>Mirounga leonina</i> ?. <i>Caldasia</i> , 2021, 43, 408-411.	0.1	2
47	First Record of a Live-Stranded Killer Whale ( <i>Orcinus orca</i> ) in Coastal Ecuador and Insights on Killer Whale Occurrence in Ecuadorian Waters. <i>Aquatic Mammals</i> , 2019, 45, 106-115.	0.4	2
48	Infección por <i>Gnathostoma</i> (Spirurida: Gnathostomatidae) en <i>Hoplias microlepis</i> : prevalencia, correlación con la talla del pez, huésped e implicaciones para salud pública en Ecuador. <i>Biomedica</i> , 2009, 29, 591.	0.3	1
49	Monitor sea pollution to stop strandings. <i>Nature</i> , 2012, 486, 323-323.	13.7	1
50	Delisted whales good news for pipeline. <i>Science</i> , 2014, 345, 278-279.	6.0	1
51	Perfluorinated Chemicals in Sediments, Lichens, and Seabirds from the Antarctic Peninsula – Environmental Assessment and Management Perspectives. , 0, , .		1
52	First records of chewing lice (Phthiraptera: Menoponidae) in Pacific migratory shorebirds wintering in Ecuador. <i>Brazilian Journal of Veterinary Parasitology</i> , 2014, 23, 260-263.	0.2	0