

Esteban Avigliano

List of Publications by Year in descending order

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72
papers

1,211
citations

393982

19
h-index

433756

31
g-index

72
all docs

72
docs citations

72
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Human health risk assessment and environmental distribution of trace elements, glyphosate, fecal coliform and total coliform in Atlantic Rainforest mountain rivers (South America). <i>Microchemical Journal</i> , 2015, 122, 149-158.	2.3	93
2	Pharmaceuticals, illicit drugs and their metabolites in fish from Argentina: Implications for protected areas influenced by urbanization. <i>Science of the Total Environment</i> , 2019, 649, 1029-1037.	3.9	88
3	Heavy metals and trace elements in muscle of silverside (<i>Odontesthes bonariensis</i>) and water from different environments (Argentina): aquatic pollution and consumption effect approach. <i>Science of the Total Environment</i> , 2015, 506-507, 102-108.	3.9	79
4	Combined use of otolith microchemistry and morphometry as indicators of the habitat of the silverside (<i>Odontesthes bonariensis</i>) in a freshwater estuarine environment. <i>Fisheries Research</i> , 2014, 149, 55-60.	0.9	59
5	Use of otolith strontium : calcium ratio as an indicator of seasonal displacements of the silverside (<i>Odontesthes bonariensis</i>) in a freshwater marine environment. <i>Marine and Freshwater Research</i> , 2013, 64, 746.	0.7	41
6	Toxic metals, trace and major elements determined by ICPMS in tissues of <i>Parapimelodus valenciennis</i> and <i>Prochilodus lineatus</i> from Chascomus Lake, Argentina. <i>Microchemical Journal</i> , 2014, 112, 127-131.	2.3	41
7	Fluvio-marine travelers from South America: Cyclic amphidromy and freshwater residency, typical behaviors in <i>Genidens barbatus</i> inferred by otolith chemistry. <i>Fisheries Research</i> , 2017, 193, 184-194.	0.9	41
8	Water quality in Atlantic rainforest mountain rivers (South America): quality indices assessment, nutrients distribution, and consumption effect. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15063-15075.	2.7	36
9	Otolith elemental fingerprint and scale and otolith morphometry in <i>Prochilodus lineatus</i> provide identification of natal nurseries. <i>Fisheries Research</i> , 2017, 186, 1-10.	0.9	36
10	Distribution and bioaccumulation of 12 trace elements in water, sediment and tissues of the main fishery from different environments of the La Plata basin (South America): Risk assessment for human consumption. <i>Chemosphere</i> , 2019, 236, 124394.	4.2	35
11	Use of lapillus otolith microchemistry as an indicator of the habitat of <i>Genidens barbatus</i> from different estuarine environments in the southwestern Atlantic Ocean. <i>Environmental Biology of Fishes</i> , 2015, 98, 1623-1632.	0.4	33
12	A Review of the Application of Otolith Microchemistry Toward the Study of Latin American Fishes. <i>Reviews in Fisheries Science and Aquaculture</i> , 2016, 24, 369-384.	5.1	27
13	Otolith edge fingerprints as approach for stock identification of <i>Genidens barbatus</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2017, 194, 92-96.	0.9	27
14	Nursery areas and connectivity of the adults anadromous catfish (<i>Genidens barbatus</i>) revealed by otolith-core microchemistry in the south-western Atlantic Ocean. <i>Marine and Freshwater Research</i> , 2017, 68, 931.	0.7	27
15	Fin spine chemistry as a non-lethal alternative to otoliths for stock discrimination in an endangered catfish. <i>Marine Ecology - Progress Series</i> , 2019, 614, 147-157.	0.9	27
16	Use of otolith strontium:calcium and zinc:calcium ratios as an indicator of the habitat of <i>Percophis brasiliensis</i> Quoy & Gaimard, 1825 in the southwestern Atlantic Ocean. <i>Neotropical Ichthyology</i> , 2015, 13, 187-194.	0.5	25
17	Arsenic, selenium, and metals in a commercial and vulnerable fish from southwestern Atlantic estuaries: distribution in water and tissues and public health risk assessment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 7994-8006.	2.7	25
18	Fish stocks of <i>Urophycis brasiliensis</i> revealed by otolith fingerprint and shape in the Southwestern Atlantic Ocean. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 229, 106406.	0.9	24

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19	Biodiversity and threats in non-protected areas: A multidisciplinary and multi-taxa approach focused on the Atlantic Forest. <i>Heliyon</i> , 2019, 5, e02292.	1.4	23
20	Toxic element determination in fish from Paran� River Delta (Argentina) by neutron activation analysis: Tissue distribution and accumulation and health risk assessment by direct consumption. <i>Journal of Food Composition and Analysis</i> , 2016, 54, 27-36.	1.9	22
21	White mullet (<sc><i>Mugil curema</i></sc>) population structure from Mexico and Brazil revealed by otolith chemistry. <i>Journal of Fish Biology</i> , 2020, 97, 1187-1200.	0.7	21
22	A continental-wide molecular approach unraveling mtDNA diversity and geographic distribution of the Neotropical genus <i>Hoplias</i> . <i>PLoS ONE</i> , 2018, 13, e0202024.	1.1	19
23	Assessing the use of two southwestern Atlantic estuaries by different life cycle stages of the anadromous catfish <i>Genidens barbus</i> (Lac�p�de, 1803) as revealed by Sr:Ca and Ba:Ca ratios in otoliths. <i>Journal of Applied Ichthyology</i> , 2015, 31, 740-743.	0.3	17
24	Spatial segregation and connectivity in young and adult stages of <i>Megaleporinus obtusidens</i> inferred from otolith elemental signatures: Implications for management. <i>Fisheries Research</i> , 2018, 204, 239-244.	0.9	17
25	Population structure and habitat connectivity of <i>Genidens genidens</i> (Siluriformes) in tropical and subtropical coasts from Southwestern Atlantic. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 242, 106839.	0.9	17
26	Assessment of the morphometry of saccular otoliths as a tool to identify triplefin species (Tripterygiidae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 1167-1180.	0.4	16
27	Silversides (<i>Odontesthes bonariensis</i>) reside within freshwater and estuarine habitats, not marine environments. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 205, 123-130.	0.9	15
28	Otolith Sr/Ca ratio complements Sr isotopes to reveal fish migration in large basins with heterogeneous geochemical landscapes. <i>Environmental Biology of Fishes</i> , 2021, 104, 277-292.	0.4	15
29	Isolation and Antimicrofouling Activity of Indole and Furoquinoline Alkaloids from Guatamb� Trees (<i>Aspidosperma australe</i> and <i>Balfourodendron riedelianum</i>). <i>Chemistry and Biodiversity</i> , 2019, 16, e1900349.	1.0	13
30	Exposure to 19 elements via water ingestion and dermal contact in several South American environments (La Plata Basin): From Andes and Atlantic Forest to sea front. <i>Microchemical Journal</i> , 2019, 149, 103986.	2.3	13
31	Strontium isotopes (⁸⁷Sr/⁸⁶Sr) reveal the life history of freshwater migratory fishes in the La Plata Basin. <i>River Research and Applications</i> , 2020, 36, 1985-2000.	0.7	13
32	Migration and brackish environment use of <i>Prochilodus lineatus</i> (Characiformes: Prochilodontidae) inferred by Sr:Ca ratio transects of otolith. <i>Neotropical Ichthyology</i> , 2017, 15, .	0.5	12
33	Estimating contributions from nursery areas to fish stocks in freshwater systems using otolith fingerprints: The case of the streaked prochilod in the La Plata Basin (South). <i>TJ ETQq1 1 0.7843 147gBT / Overlock 10</i>		
34	Using otolith morphometry for the identification of three sympatric and morphologically similar species of <i>Astyanax</i> from the Atlantic Rain Forest (Argentina). <i>Environmental Biology of Fishes</i> , 2018, 101, 1319-1328.	0.4	12
35	Otoliths as indicators for fish behaviour and procurement strategies of hunter-gatherers in North Patagonia. <i>Heliyon</i> , 2020, 6, e03438.	1.4	12
36	Otolith Sr:Ca ratio and morphometry as indicators of habitat of a euryhaline species: The case of the silverside <i>Odontesthes bonariensis</i> . <i>Ciencias Marinas</i> , 2015, 41, 189-202.	0.4	12

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37	Is otolith microchemistry (Sr: Ca and Ba:Ca ratios) useful to identify <i>Mugil curema</i> populations in the southeastern Caribbean Sea?. <i>Brazilian Journal of Biology</i> , 2015, 75, 45-51.	0.4	11
38	Spatial environmental variability of natural markers and habitat use of <i>Cathorops spixii</i> in a neotropical estuary from otolith chemistry. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 783-793.	0.4	9
39	Unravelling the complex habitat use of the white mullet, <i>Mugil curema</i> , in several coastal environments from Neotropical Pacific and Atlantic waters. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 789-801.	0.9	9
40	Optimizing the Methodological Design in Fish Stock Delineation from Otolith Chemistry: Review of Spatio-Temporal Analysis Scales. <i>Reviews in Fisheries Science and Aquaculture</i> , 2022, 30, 330-345.	5.1	9
41	Inter- and intra-stock bioaccumulation of anionic arsenic species in an endangered catfish from South American estuaries: Risk assessment through consumption. <i>Journal of Food Composition and Analysis</i> , 2020, 87, 103404.	1.9	8
42	Fin spine metals by LA-ICP-MS as a method for fish stock discrimination of <i>Genidens barbuis</i> in anthropized estuaries. <i>Fisheries Research</i> , 2020, 230, 105625.	0.9	8
43	Identification of fish stocks of river crocker (<i>Plagioscion ternetzi</i>) in Paran and Paraguay rivers by using otolith morphometric analysis. <i>Latin American Journal of Aquatic Research</i> , 2017, 43, 718-725.	0.2	8
44	Identification of nurseries areas of juvenile <i>Prochilodus lineatus</i> (Valenciennes, 1836) (Characiformes: Tj ETQq0 0 0 rgBT /Overlock 10 T 2016, 14, .	0.5	7
45	Males choose to keep their heads: Preference for lower risk females in a praying mantid. <i>Behavioural Processes</i> , 2016, 129, 80-85.	0.5	7
46	Unravelling the stock structure of the Persian brown trout by otolith and scale shape. <i>Journal of Fish Biology</i> , 2020, 96, 307-315.	0.7	7
47	New records of anadromous catfish <i>Genidens barbuis</i> (Lacpde, 1803) in the Paran Delta (South) Tj ETQq1 1 0,784314 rgBT /Overlock 1,2 6	1.2	6
48	Inter-annual variability in otolith chemistry of catfish <i>Genidens barbuis</i> from South-western Atlantic estuaries. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 855-865.	0.4	6
49	Statolith chemistry as a stock tag in the Argentine shortfin squid <i>Illex argentinus</i> . <i>Regional Studies in Marine Science</i> , 2020, 38, 101355.	0.4	6
50	Habitat use of the amphidromous catfish <i>Genidens barbuis</i> : first insights at its southern distribution limit. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 284-290.	0.8	6
51	Multi-matrix approach reveals the distribution of pesticides in a multipurpose protected area from the Atlantic Rainforest: potential risk for aquatic biota and human health?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 34386-34399.	2.7	6
52	Population structure and ontogenetic habitat use of <i>Micropogonias furnieri</i> in the Southwestern Atlantic Ocean inferred by otolith chemistry. <i>Fisheries Research</i> , 2021, 240, 105953.	0.9	6
53	Short spatial and temporal scale patterns of fish assemblages in a subtropical rainforest mountain stream. <i>Studies on Neotropical Fauna and Environment</i> , 2013, 48, 199-209.	0.5	5
54	Molecular and taxonomic characterisation of introduced specimens of <i>Poecilia reticulata</i> in the lower Paraguay River basin (Cyprinodontiformes: Poeciliidae). <i>Neotropical Ichthyology</i> , 2017, 15, .	0.5	5

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55	Spatial population structure of long tail hake from Southwest Atlantic and Southeast Pacific waters in young and adult stages. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 257, 107419.	0.9	5
56	Unraveling the <i>Mugil curema</i> complex of American coasts integrating genetic variations and otolith shapes. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 273, 107914.	0.9	5
57	Mixed-stock and discriminant models use for assessing recruitment sources of estuarine fish populations in La Plata Basin (South America). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 1429-1433.	0.4	4
58	Metals and metalloids in a first order stream of the Atlantic rainforest: Abiotic matrices, bioaccumulation in fishes and human health risk assessment. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126866.	1.5	4
59	Actinopterygii, Atheriniformes, Atherinopsidae, <i>Odontesthes bonariensis Valenciennes, 1835</i> : new records for the Plata Basin, Argentina. <i>Check List</i> , 2013, 9, 640.	0.1	4
60	First Insights Into the Growth and Population Structure of <i>Cottoperca trigloides</i> (Perciformes.) <i>Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 542</i>	1.2	3
61	Integrated use of otolith shape and microchemistry to assess <i>Genidens barbuis</i> fish stock structure. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 261, 107560.	0.9	3
62	Essential and non-essential metals in three lowland rivers of temperate South America (Argentina): Distribution and accumulation. <i>Journal of Trace Elements in Medicine and Biology</i> , 2022, 73, 127016.	1.5	3
63	Editorial: Studying the Biology of Aquatic Animals Through Calcified Structures. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	2
64	Antiparasitic Derivatives of the Furoquinoline Alkaloids <i>Kokusaginine</i> And <i>Flindersiamine</i> . <i>ChemMedChem</i> , 2022, 17, .	1.6	2
65	Total arsenic in fish and water in four different aquatic environments in Argentina. <i>Arsenic in the Environment Proceedings</i> , 2014, , 434-435.	0.0	1
66	Distribution and accumulation of major and trace elements in water, sediment, and fishes from protected areas of the Atlantic Rainforest. <i>Environmental Science and Pollution Research</i> , 2022, 29, 58843-58868.	2.7	1
67	Discussion on total As and metals use for assessing health risk via fish consumption in "Human exposure to trace metals and arsenic via consumption of fish from river Chenab, Pakistan and associated health risks. <i>Chemosphere</i> , 168, 1004"1012" Chemosphere, 2019, 233, 995-996.	4.2	0
68	Synthesis and cytotoxicity evaluation of olivacine-indole hybrids tethered by alkyl linkers. <i>Natural Product Research</i> , 2021, , 1-8.	1.0	0
69	Biogeochemical multi-tag approach reveals the habitat use of a large-scale migratory fish through a fluvio-estuarine system. <i>River Research and Applications</i> , 2021, 37, 880-888.	0.7	0
70	Notes on the reproductive biology of <i>Parastagmatoptera tessellata</i> Saussure & Zehntner (Dictyoptera, Mantidae). <i>Natura Neotropicalis: Revista De La Asociacion De Ciencias Del Litoral</i> , 2014, 1, 59-67.	0.1	0
71	Presence of trace elements in fishes from the Chaco-Pampeana plain (Argentina). <i>Sustainability, Agri, Food and Environmental Research</i> , 2015, 3, .	0.2	0
72	Evaluation of the body morphology and meristics, otolith shape analyses and otolith micro-chemical variability of <i>Lebranche mullet Mugil liza</i> in the Southeast Atlantic Ocean as a tool for the identification of population subunits. <i>Frontiers in Marine Science</i> , 0, 6, .	1.2	0