

Javier Sellanes

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,506
citations

279798

23
h-index

243625

44
g-index

105
all docs

105
docs citations

105
times ranked

2498
citing authors

#	ARTICLE	IF	CITATIONS
1	The Humboldt Current System of Northern and Central Chile. <i>Oceanography and Marine Biology</i> , 2007, , 195-344.	1.0	342
2	Benthic processes on the Peru margin: a transect across the oxygen minimum zone during the 1997-1998 El Niño. <i>Progress in Oceanography</i> , 2002, 53, 1-27.	3.2	175
3	Habitat heterogeneity and its influence on benthic biodiversity in oxygen minimum zones. <i>Marine Ecology</i> , 2010, 31, 125-147.	1.1	126
4	Meiofaunal distributions on the Peru margin: Deep-Sea Research Part I: <i>Oceanographic Research Papers</i> , 2001, 48, 2453-2472.	1.4	110
5	Effects of dissolved oxygen and fresh organic matter on the bioturbation potential of macrofauna in sublittoral sediments off Central Chile during the 1997/1998 El Niño. <i>Marine Ecology - Progress Series</i> , 2000, 202, 81-99.	1.9	109
6	Citizen Scientists and Marine Research: Volunteer Participants, Their Contributions, and Projection for the Future. , 2014, , 257-314.		102
7	Megafauna community structure and trophic relationships at the recently discovered Concepción Methane Seep Area, Chile, 36°S. <i>ICES Journal of Marine Science</i> , 2008, 65, 1102-1111.	2.5	80
8	Changes of macrobenthos composition under different ENSO cycle conditions on the continental shelf off central Chile. <i>Continental Shelf Research</i> , 2007, 27, 1002-1016.	1.8	64
9	Diversity patterns along and across the Chilean margin: a continental slope encompassing oxygen gradients and methane seep benthic habitats. <i>Marine Ecology</i> , 2010, 31, 111-124.	1.1	59
10	Meiofauna and sedimentary organic matter off Central Chile: response to changes caused by the 1997-1998 El Niño. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2001, 24, 313-328.	0.7	58
11	Biomass size-spectra of macrobenthic communities in the oxygen minimum zone off Chile. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 62, 217-231.	2.1	56
12	Food web of a SW Atlantic shallow coastal lagoon: spatial environmental variability does not impose substantial changes in the trophic structure. <i>Marine Ecology - Progress Series</i> , 2008, 362, 69-83.	1.9	56
13	First direct evidence of methane seepage and associated chemosynthetic communities in the bathyal zone off Chile. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 1065-1066.	0.8	48
14	A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	45
15	A decade to study deep-sea life. <i>Nature Ecology and Evolution</i> , 2021, 5, 265-267.	7.8	43
16	Metazoan meiofauna within the oxygen-minimum zone off Chile: Results of the 2001-PUCK expedition. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1105-1111.	1.4	40
17	Trophic mass-balance model of a subtropical coastal lagoon, including a comparison with a stable isotope analysis of the food-web. <i>Ecological Modelling</i> , 2010, 221, 2859-2869.	2.5	39
18	A new species of <i>Calyptogena</i> (Bivalvia: Vesicomidae) from a recently discovered methane seepage area off Concepción Bay, Chile (36°S). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 969-976.	0.8	32

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19	Benthic megafaunal and demersal fish assemblages on the Chilean continental margin: The influence of the oxygen minimum zone on bathymetric distribution. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1112-1123.	1.4	30
20	Diversity of deep-sea fishes of the Easter Island Ecoregion. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 78-88.	1.4	30
21	New species of Thysiridae from a methane seepage area off Concepción, Chile. <i>Zootaxa</i> , 2005, 1092, 1-20.	0.5	29
22	New insights on the trophic ecology of bathyal communities from the methane seep area off Concepción, Chile (~36°S). <i>Marine Ecology</i> , 2014, 35, 1-21.	1.1	27
23	ENSO as a natural experiment to understand environmental control of meiofaunal community structure. <i>Marine Ecology</i> , 2006, 27, 31-43.	1.1	26
24	Mass die-off of the cold-water coral <i>Desmophyllum dianthus</i> in the Chilean Patagonian fjord region. <i>Bulletin of Marine Science</i> , 2014, 90, 895-899.	0.8	26
25	Nematode community structure along a central Chile margin transect influenced by the oxygen minimum zone. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 78, 1-15.	1.4	25
26	Methane in shallow cold seeps at Mocha Island off central Chile. <i>Continental Shelf Research</i> , 2011, 31, 574-581.	1.8	24
27	Thorson's rule, life history evolution, and diversification of benthic octopuses (Cephalopoda: Tj ETQq1 1 0.784314.rgBT /Oyerlock 2.3 24	1.4	24
28	Methane seep molluscs from the San Jacinto fold belt in the Caribbean Sea of Colombia. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2012, 92, 1367-1377.	0.8	22
29	Phylogenomics, life history and morphological evolution of ophiocomid brittlestars. <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 67-80.	2.7	22
30	Revision of Chilean bathyal chitons (Mollusca: Polyplacophora) associated with cold-seeps, including description of a new species of <i>Leptochiton</i> (Leptochitonidae). <i>Organisms Diversity and Evolution</i> , 2010, 10, 31-55.	1.6	21
31	Reproductive patterns in demersal crustaceans from the upper boundary of the OMZ off north-central Chile. <i>Continental Shelf Research</i> , 2017, 141, 26-37.	1.8	21
32	Composición, estructura y flujo energético del meiobentos frente a Chile central. <i>Revista Chilena De Historia Natural</i> , 2003, 76, 401.	1.2	20
33	Osseous skeletal material and fish scales in marine sediments under the oxygen minimum zone off northern and central Chile. <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 185-190.	2.1	20
34	Las áreas de filtración de metano constituyen zonas de agregación del bacalao de profundidad (<i>Dissostichus eleginoides</i>) frente a Chile central. <i>Latin American Journal of Aquatic Research</i> , 2012, 40, 980-991.	0.6	20
35	Morphology and geology of the continental shelf and upper slope of southern Central Chile (33°S-43°S). <i>International Journal of Earth Sciences</i> , 2014, 103, 1765-1787.	1.8	19
36	Community structure and trophic ecology of megabenthic fauna from the deep basins in the Interior Sea of Chilo, Chile (41°-43° S). <i>Continental Shelf Research</i> , 2016, 130, 47-67.	1.8	19

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37	Benthic food web structure in the Comau fjord, Chile (34°42'S): Preliminary assessment including a site with chemosynthetic activity. <i>Progress in Oceanography</i> , 2014, 129, 149-158.	3.2	18
38	Phylogeny and biogeography of <i>Muusoctopus</i> (Cephalopoda: Enteroctopodidae). <i>Zoologica Scripta</i> , 2016, 45, 494-503.	1.7	18
39	Chemosynthetic trophic support for the benthic community at an intertidal cold seep site at Mocha Island off central Chile. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 431-439.	2.1	17
40	Temporal variability of 210Pb fluxes and bioturbation in shelf sediments beneath the high primary production area off Concepción, central-southern Chile (36°S). <i>Progress in Oceanography</i> , 2007, 75, 586-602.	3.2	15
41	Chile and the Salas y Gómez Ridge. <i>Coral Reefs of the World</i> , 2019, , 477-490.	0.7	15
42	The Salas y Gómez and Nazca ridges: A review of the importance, opportunities and challenges for protecting a global diversity hotspot on the high seas. <i>Marine Policy</i> , 2021, 126, 104377.	3.2	15
43	Ascidian fauna (Tunicata, Ascidiacea) of subantarctic and temperate regions of Chile. <i>Zootaxa</i> , 2016, 4093, 151-80.	0.5	14
44	New data on recently described Chilean trophonines (Gastropoda: Muricidae), description of a new species and notes of their occurrence at a cold seep site. <i>Zootaxa</i> , 2006, 1222, 53.	0.5	14
45	A high-latitude, mesophotic <i>Cycloseris</i> field at 85 m depth off Rapa Nui (Easter Island). <i>Bulletin of Marine Science</i> , 2019, 95, 101-102.	0.8	13
46	Feeding ecology of <i>Urophycis brasiliensis</i> on the Uruguayan coast of the Río de la Plata estuary. <i>Journal of Applied Ichthyology</i> , 2007, 23, 231-239.	0.7	12
47	Reproductive characteristics of <i>Calyptogena gallardoi</i> (Bivalvia: Vesicomidae) from a methane seep area off Concepción, Chile. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 161-169.	0.8	12
48	Growth and size-structure of <i>Stegophiura</i> sp. (Echinodermata: Ophiuroidea) on the continental slope off central Chile: a comparison between cold seep and non-seep sites. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 421-428.	0.8	12
49	Unexplored diversity of the mesophotic echinoderm fauna of the Easter Island ecoregion. <i>Marine Biology</i> , 2019, 166, 1.	1.5	12
50	Vicariance and convergence in Magellanic and New Zealand long-looped brachiopod clades (Pan-Brachiopoda: Terebratelloidea). <i>Zoological Journal of the Linnean Society</i> , 2011, 162, 631-645.	2.3	11
51	Geochemistry of trace metals in shelf sediments affected by seasonal and permanent low oxygen conditions off central Chile, SE Pacific (36°S). <i>Continental Shelf Research</i> , 2012, 33, 51-68.	1.8	11
52	Evaluation of sediment trace metal records as paleoproductivity and paleoxygenation proxies in the upwelling center off Concepción, Chile (36°S). <i>Progress in Oceanography</i> , 2012, 92-95, 66-80.	3.2	11
53	Trophic structure of the bathyal benthos at an area with evidence of methane seep activity off southern Chile (~45°S). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2014, 94, 659-669.	0.8	11
54	<i>Austrogena</i> : a new genus of chemosymbiotic bivalves (Bivalvia; Vesicomidae; Pliocardiinae) from the oxygen minimum zone off central Chile described through morphological and molecular analyses. <i>Systematics and Biodiversity</i> , 2014, 12, 225-246.	1.2	11

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55	First description of deep benthic habitats and communities of oceanic islands and seamounts of the Nazca Desventuradas Marine Park, Chile. <i>Scientific Reports</i> , 2021, 11, 6209.	3.3	11
56	Too cold for invasions? Contrasting patterns of native and introduced ascidians in subantarctic and temperate Chile. <i>Management of Biological Invasions</i> , 2016, 7, 77-86.	1.2	11
57	Understanding the impact of climate change on the oceanic circulation in the Chilean island ecoregions. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 232-252.	2.0	10
58	No reef-associated gradient in the infaunal communities of Rapa Nui (Easter Island) – Are oceanic waves more important than reef predators?. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 210, 123-131.	2.1	9
59	Phylogeny, divergence times and species delimitation of <i>Tonicia</i> (Polyplacophora: Chitonidae) from the eastern Pacific Ocean. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 915-933.	2.3	9
60	Seafloor litter at oceanic islands and seamounts of the southeastern Pacific. <i>Marine Pollution Bulletin</i> , 2021, 170, 112641.	5.0	8
61	Nitrogen sediment fluxes in an upwelling system off central Chile (Concepción Bay and adjacent shelf) during the 1997-1998 El Niño. <i>Revista Chilena De Historia Natural</i> , 2004, 77, 305.	1.2	7
62	Trophic ecology of the dusky catshark <i>Bythaelurus canescens</i> (Günther, 1878) (Chondrichthyes: Scyliorhinidae) in the southeast Pacific Ocean. <i>Journal of Applied Ichthyology</i> , 2013, 29, 751-756.	0.7	7
63	Geochemistry of reduced fluids from shallow cold vents hosting chemosynthetic communities (Comau Fjord, Chilean Patagonia, 44°S). <i>Progress in Oceanography</i> , 2014, 129, 159-169.	3.2	7
64	Diversidad de poliplacoforos tropicales del sur de la Provincia Panamena. <i>Latin American Journal of Aquatic Research</i> , 2016, 44, 807-814.	0.6	7
65	Environmental and ecological factors mediate taxonomic composition and body size of polyplacophoran assemblages along the Peruvian Province. <i>Scientific Reports</i> , 2019, 9, 15934.	3.3	7
66	First Record of the Yellowfin Soldierfish, <i>Myripristis chryseres</i> , in the Easter Island Ecoregion. <i>Pacific Science</i> , 2018, 72, 143-148.	0.6	6
67	Latitudinal distribution of polyplacophorans along the South-eastern Pacific coast: unravelling biases in geographical diversity patterns. <i>Marine Biodiversity</i> , 2020, 50, 1.	1.0	6
68	Tracing trophic pathways through the marine ecosystem of Rapa Nui (Easter Island). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 304-323.	2.0	6
69	First record of black corals (Antipatharia) in shallow coastal waters of northern Chile by means of underwater video. <i>Latin American Journal of Aquatic Research</i> , 2018, 46, 457-460.	0.6	6
70	Morphological and molecular description of a new record of <i>Graneledone</i> (Cephalopoda). <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td</i> (439-450).	0.2	6
71	A new species of <i>Atrimitra</i> Dall, 1918 (Gastropoda: Mitridae) from seamounts of the recently created Nazca-Desventuradas Marine Park, Chile. <i>PeerJ</i> , 2019, 7, e8279.	2.0	6
72	The South American radiation of <i>Jerrybuccinum</i> (Gastropoda, Buccinidae), with a new deep-water species from Chile. <i>ZooKeys</i> , 2014, 409, 61-70.	1.1	5

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73	A review of the Munidopsidae Ortmann, 1898 (Decapoda, Galatheoidea) in Chilean waters, including new records for the Southeastern Pacific. <i>Zootaxa</i> , 2015, 4021, 282-306.	0.5	5
74	Update of the genus <i>Leptochiton</i> (Mollusca: Polyplacophora) in Chilean deep waters: three new reports and description of two new species. <i>Zootaxa</i> , 2016, 4173, 259.	0.5	5
75	A new species of <i>Eunice</i> Cuvier, 1817 (Polychaeta: Eunicidae) from the slope of the Desventuradas Islands and seamounts of the Nazca Ridge, southeastern Pacific Ocean. <i>Zootaxa</i> , 2020, 4860, zootaxa.4860.2.4.	0.5	5
76	Environmental Drivers of Mesophotic Echinoderm Assemblages of the Southeastern Pacific Ocean. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
77	A new threat to local marine biodiversity: filamentous mats proliferating at mesophotic depths off Rapa Nui. <i>PeerJ</i> , 2021, 9, e12052.	2.0	5
78	Two new polychaete species living in the mantle cavity of <i>Calyptogena gallardoi</i> (Bivalvia: Vesicomidae) at a methane seep site off central Chile (~36°S). <i>Scientia Marina</i> , 2009, 73, 399-407.	0.6	5
79	Paralarval and juvenile stages as a proxy for cephalopod diversity in the Juan Fernandez and Desventuradas ecoregion, southeast Pacific Ocean. <i>Bulletin of Marine Science</i> , 2020, 96, 263-280.	0.8	5
80	Complete mitochondrial genomes of two species of <i>Stichopathes</i> Brook, 1889 (Hexacorallia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf . 3226-3228.	0.4	5
81	Species That Fly at a Higher Game: Patterns of Deep-Water Emergence Along the Chilean Coast, Including a Global Review of the Phenomenon. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
82	The phylogenetic position and taxonomic status of <i>Sterechinus bernasconiae</i> Larrain, 1975 (Echinodermata, Echinoidea), an enigmatic Chilean sea urchin. <i>Polar Biology</i> , 2015, 38, 1223-1237.	1.2	4
83	Phylogenetic position and morphological descriptions of <i>Chiton</i> species from the south-eastern Pacific. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 695-719.	2.3	4
84	Aerobic and anaerobic enzymatic activities of <i>Calyptogena gallardoi</i> (Vesicomidae): a clam associated with methane cold seeps off Chile. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 983-986.	0.8	3
85	Diel changes in structure and trophic functions of motile benthic invertebrates on coral reefs at Rapa Nui (Easter Island). <i>Marine Biology</i> , 2021, 168, 1.	1.5	3
86	First Ecological Characterization of Whip Black Coral Assemblages (Hexacorallia: Antipatharia) in the Easter Island Ecoregion, Southeastern Pacific. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	3
87	Primer registro de <i>Trichopeltarion corallinus</i> (Faxon, 1893) para el mar de Chile y nuevo registro de <i>T. hystricosus</i> (Garth, en Garth & Haig, 1971) (Decapoda: Brachyura: Ateleyclidae). <i>Latin American Journal of Aquatic Research</i> , 2009, 37, 275-279.	0.6	2
88	Nuevo registro de <i>Scalpellum projectum</i> (Crustacea: Cirripedia: Thoracica: Scalpellidae) para el talud continental de Chile. <i>Latin American Journal of Aquatic Research</i> , 2009, 37, 247-251.	0.6	2
89	Geochemical characterization of two distinctive systems with evidence of chemosynthetic activity, explored at the SE Pacific margin off Chile (46°S and 33°S). <i>Progress in Oceanography</i> , 2016, 148, 26-43.	3.2	2
90	Comments on a new deep-water <i>Astyris</i> species (Buccinoidea: Columbelloidea) from the southeastern Pacific by Araya et al. 2016. <i>Zootaxa</i> , 2017, 4247, 55.	0.5	2

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91	A new species of <i>Munida</i> Leach, 1820 (Crustacea: Decapoda: Anomura: Munididae) from seamounts of the Nazca-Desventuradas Marine Park. PeerJ, 2021, 9, e10531.	2.0	2
92	Marine Genetic Resources in Areas Beyond National Jurisdiction: Promoting Marine Scientific Research and Enabling Equitable Benefit Sharing. Frontiers in Marine Science, 2021, 8, .	2.5	2
93	Description of a new <i>Coronium</i> s.l. (Gastropoda: Muricidae: Trophoninae) from south-central Chile and a brief survey of the genus <i>Coronium</i> Simone, 1996 . Zootaxa, 2010, 2346, 62-68.	0.5	2
94	Nuevos registros de crinoideos (Echinodermata: Crinoidea) en el talud continental de Chile. Revista De Biología Marina Y Oceanografía, 2020, 55, 68.	0.2	2
95	Spongicoloides sp. aff. a Spongicoloides galapagensis (Decapoda: Stenopodidea: Spongicolidae): una nueva especie para la carcinofauna chilena y primer registro de un estenopodido en aguas del margen continental de Chile. Latin American Journal of Aquatic Research, 2011, 39, 613-616.	0.6	1
96	Description of New Species of <i>Xanthochorus</i> Fischer, 1884 and <i>Urosalpinx</i> Stimpson, 1865 (Mollusca, Gastropoda, Muricidae, Ocenebrinae) from Central Chile. American Malacological Bulletin, 2017, 35, 101-110.	0.2	1
97	First comparative assessment of the reproductive cycle of three species of Chiton on a temperate rocky shore of the southeastern Pacific. Invertebrate Biology, 2020, 139, e12302.	0.9	1
98	First report of marine Gastrotricha from Chilean beaches. Latin American Journal of Aquatic Research, 2019, 47, 684-693.	0.6	1
99	Biodiversity and distribution of corals in Chile. Marine Biodiversity, 2022, 52, .	1.0	1
100	The occurrence of the parasitic amphipod Trischizostoma crosnieri Lowry & Stoddart, 1993 (Amphipoda: Amphilochidea: Lysianassida) in a methane seep site in the southeastern Pacific. Latin American Journal of Aquatic Research, 2021, 49, 365-368.	0.6	0
101	Bathymodiolinae Mussels in the South-eastern Pacific: the presence of the genus <i>Adipicola</i> (Bivalvia: Mytilidae) at a methane seep site off central Chile. Marine Biology Research, 2021, 17, 486-493.	0.7	0
102	Stable isotopes reveal overlooked incorporation of diffuse land-based sources of nutrients and organic matter by intertidal communities at Rapa Nui (Easter Island). Marine Pollution Bulletin, 2022, 176, 113415.	5.0	0
103	First in situ record of the deep-sea shark Hexanchus griseus (Chondrichthyes: Hexanchidae) off Rapa Nui (Easter Island, Chile), and management implications. Latin American Journal of Aquatic Research, 2022, 50, 135-138.	0.6	0