

Federico MÃ¡rquez

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	<i>Cannabis</i> Varieties Can Be Distinguished by Achene Shape Using Geometric Morphometrics. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 409-414.	2.9	3
2	Mollusc shell shape as pollution biomarkers: Which is the best biological model?. <i>Marine Pollution Bulletin</i> , 2022, 179, 113663.	5.0	8
3	A cryptic species of <i>Ensis</i> (Bivalvia: Pharidae) from the southeastern Pacific coast revealed by geometric morphometric methods. <i>Scientia Marina</i> , 2022, 86, e032.	0.6	1
4	Can shell shape be used to find the origin of South American mussels?. <i>Marine Biology Research</i> , 2021, 17, 215-222.	0.7	4
5	Embryonic shell shape as an early indicator of pollution in marine gastropods. <i>Marine Environmental Research</i> , 2021, 167, 105283.	2.5	3
6	Crab carapace shape as a biomarker of salt marsh metals pollution. <i>Chemosphere</i> , 2021, 276, 130195.	8.2	2
7	Shell shape as an indicator of phenotypic stocks of Tehuelche scallop in Northern Patagonia, Argentina. <i>Marine Biology Research</i> , 2021, 17, 892-903.	0.7	2
8	Mollusk shell alterations resulting from coastal contamination and other environmental factors. <i>Environmental Pollution</i> , 2020, 265, 114881.	7.5	27
9	Historical shell form variation in <i>Lottia subrugosa</i> from southeast Brazilian coast: Possible responses to anthropogenic pressures. <i>Marine Pollution Bulletin</i> , 2020, 155, 111180.	5.0	11
10	Two evolutionary units on the South American razor clam <i>Ensis macha</i> (Bivalvia: Pharidae): genetic and morphometric evidence. <i>Organisms Diversity and Evolution</i> , 2020, 20, 331-344.	1.6	1
11	Phenotypic plasticity at fine-grained spatial scales: the scorched mussel <i>Perumytilus purpuratus</i> growing on Patagonian rocky salt-marshes. <i>Scientia Marina</i> , 2020, 84, 393-401.	0.6	0
12	Multidimensional approach to evaluate <i>Limonium brasiliense</i> as source of early biomarkers for lead pollution monitoring under different saline conditions. <i>Ecological Indicators</i> , 2019, 104, 567-575.	6.3	12
13	Does shell shape variation play a role in conservation of the long-lived freshwater bivalve <i>Diplodon chilensis</i> (Bivalvia, Hyriidae)?. <i>Ecohydrology</i> , 2018, 11, e1931.	2.4	6
14	Allometric differences on the shell shape of two scorched mussel species along the Atlantic South American Coast. <i>Evolutionary Ecology</i> , 2018, 32, 43-56.	1.2	8
15	Reply to Evteev and HeuzÃ©: How to overcome the problem of modeling respiration departing from bony structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4739-E4740.	7.1	0
16	Insights on the history of the scorched mussel <i>Brachidontes rodriguezii</i> (Bivalvia: Mytilidae) in the Southwest Atlantic: a geometric morphometrics perspective. <i>Historical Biology</i> , 2018, 30, 564-572.	1.4	8
17	Fluctuating asymmetry in the shell shape of the Atlantic Patagonian mussel, <i>Mytilus platensis</i> , generated by habitat-specific constraints. <i>Hydrobiologia</i> , 2018, 822, 189-201.	2.0	8
18	Leaf shape variation as a potential biomarker of soil pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 69-74.	6.0	16

#	ARTICLE	IF	CITATIONS
19	Habitat-modulated shell shape and spatial segregation in a Patagonian false limpet (Siphonaria) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	10
20	Environment-specific shell shape variation in the boring mytilid <i>Leiosolenus patagonicus</i> . Marine Biology Research, 2017, 13, 246-252.	0.7	7
21	Sexual dimorphism in the shell of a nassariid gastropod. A 3D geometric morphometrics approach. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 249-255.	0.8	14
22	Nasal airflow simulations suggest convergent adaptation in Neanderthals and modern humans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12442-12447.	7.1	34
23	Shell shape as a biomarker of marine pollution historic increase. Marine Pollution Bulletin, 2017, 114, 816-820.	5.0	31
24	Use of shell shape variation as an assessment tool in the southernmost razor clam fishery. Fisheries Research, 2017, 186, 216-222.	1.7	7
25	Environmental Control on Shell-Sculpture of the Miocene Pectinid <i>Chlamys</i> <i>Actinodes</i> (Sowerby, 1846) (Patagonia, Argentina). Ameghiniana, 2016, 53, 645-654.	0.7	3
26	ENVIRONMENTAL CONTROL ON SHELL-SCULPTURE OF THE MIOCENE PECTINID <i>CHLAMYS</i> <i>ACTINODES</i> (SOWERBY, 1846) (PATAGONIA, ARGENTINA). Ameghiniana, 2016, . .	0.7	0
27	Variation in cheliped form in two species of squat lobsters (Decapoda: Anomura) from Chile. Brazilian Journal of Oceanography, 2015, 63, 303-310.	0.6	4
28	Effect of recreational diving on Patagonian rocky reefs. Marine Environmental Research, 2015, 104, 31-36.	2.5	20
29	Morphological and behavioral differences in the gastropod <i>Trophon geversianus</i> associated to distinct environmental conditions, as revealed by a multidisciplinary approach. Journal of Sea Research, 2015, 95, 239-247.	1.6	32
30	Early plastic responses in the shell morphology of <i>Acanthina monodon</i> (Mollusca, Gastropoda) under predation risk and water turbulence. Marine Ecology - Progress Series, 2015, 527, 133-142.	1.9	15
31	A histopathological survey of the razor clam <i>Ensis macha</i> (Pharidae) along the Patagonian Argentina coast. Journal of Invertebrate Pathology, 2013, 112, 253-259.	3.2	11
32	Phenotypic variation of south-western Atlantic clam <i>Mactra isabelleana</i> (Bivalvia: Mactridae). Journal of the Marine Biological Association of the United Kingdom, 2013, 93, 511-517.	0.8	11
33	Shell damage in the Tehuelche scallop <i>Aequipecten tehuelchus</i> caused by <i>Polydora rickettsi</i> (Polychaeta: Spionidae) infestation. Journal of Invertebrate Pathology, 2013, 114, 107-113.	3.2	17
34	Habitat-specific shape variation in the carapace of the crab <i>Cyrtograpsus angulatus</i> . Journal of Zoology, 2013, 290, 117-126.	1.7	19
35	Rapid Divergent Evolution of Male Genitalia Among Populations of <i>Drosophila buzzatii</i> . Evolutionary Biology, 2013, 40, 395-407.	1.1	16
36	Use of shell-shape to discriminate between <i>Brachidontes rodriguezii</i> and <i>Brachidontes purpuratus</i> species (Mytilidae) in the transition zone of their distributions (south-western) Tj ETQq0 0 0 rgBT /Overlock 10 19 50 57 T	0.0	19

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37	The reproductive cycle of the red octopus <i>Enteroctopus megalocyathus</i> in fishing areas of Northern Patagonian coast. <i>Fisheries Research</i> , 2011, 110, 217-223.	1.7	24
38	Combined methods to detect pollution effects on shell shape and structure in Neogastropods. <i>Ecological Indicators</i> , 2011, 11, 248-254.	6.3	59
39	Shell variability in <i>Tawera gayi</i> (Veneridae) from southern South America: a morphometric approach based on contour analysis. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 815-822.	0.8	19
40	Intraspecific shell-shape variation in the razor clam <i>Ensis macha</i> along the Patagonian coast. <i>Journal of Molluscan Studies</i> , 2011, 77, 123-128.	1.2	23
41	Shell morphology changes in the scallop <i>Aequipecten tehuelchus</i> during its life span: a geometric morphometric approach. <i>Aquatic Biology</i> , 2010, 11, 149-155.	1.4	22
42	Use of different geometric morphometrics tools for the discrimination of phenotypic stocks of the striped clam <i>Ameghinomya antiqua</i> (Veneridae) in north Patagonia, Argentina. <i>Fisheries Research</i> , 2010, 101, 127-131.	1.7	47
43	First description of eggs, hatchlings and hatchling behaviour of <i>Enteroctopus megalocyathus</i> (Cephalopoda: Octopodidae). <i>Journal of Plankton Research</i> , 2006, 28, 881-890.	1.8	37
44	Geometric morphometrics reveal complex shape variation patterns at different geographic scales in the patagonian gastropod <i>Trophon geversianus</i> . <i>Evolutionary Ecology</i> , 0, , 1.	1.2	1