

Federico MÃ¡rquez

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

622
citations

567281

15
h-index

642732

23
g-index

45
all docs

45
docs citations

45
times ranked

623
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Combined methods to detect pollution effects on shell shape and structure in Neogastropods. <i>Ecological Indicators</i> , 2011, 11, 248-254. | 6.3 | 59 |
| 2 | 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 |
| 3 | 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 |
| 4 | Nasal airflow simulations suggest convergent adaptation in Neanderthals and modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12442-12447. | 7.1 | 34 |
| 5 | Morphological and behavioral differences in the gastropod <i>Trophon geversianus</i> associated to distinct environmental conditions, as revealed by a multidisciplinary approach. <i>Journal of Sea Research</i> , 2015, 95, 239-247. | 1.6 | 32 |
| 6 | Shell shape as a biomarker of marine pollution historic increase. <i>Marine Pollution Bulletin</i> , 2017, 114, 816-820. | 5.0 | 31 |
| 7 | Mollusk shell alterations resulting from coastal contamination and other environmental factors. <i>Environmental Pollution</i> , 2020, 265, 114881. | 7.5 | 27 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Effect of recreational diving on Patagonian rocky reefs. <i>Marine Environmental Research</i> , 2015, 104, 31-36. | 2.5 | 20 |
| 12 | 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 |
| 13 | Habitat-specific shape variation in the carapace of the crab <i>Yrtograpsus angulatus</i> . <i>Journal of Zoology</i> , 2013, 290, 117-126. | 1.7 | 19 |
| 14 | 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) <i>Tj ETQq0 0 0 rgBT /Ooerlock 10.1f 50 217</i> | 0.8 | 17 |
| 15 | Shell damage in the Tehuelche scallop <i>Aequipecten tehuelchus</i> caused by <i>Polydora rickettsi</i> (Polychaeta: Spionidae) infestation. <i>Journal of Invertebrate Pathology</i> , 2013, 114, 107-113. | 3.2 | 17 |
| 16 | Rapid Divergent Evolution of Male Genitalia Among Populations of <i>Drosophila buzzatii</i> . <i>Evolutionary Biology</i> , 2013, 40, 395-407. | 1.1 | 16 |
| 17 | Leaf shape variation as a potential biomarker of soil pollution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 69-74. | 6.0 | 16 |
| 18 | Early plastic responses in the shell morphology of <i>Acanthina monodon</i> (Mollusca, Gastropoda) under predation risk and water turbulence. <i>Marine Ecology - Progress Series</i> , 2015, 527, 133-142. | 1.9 | 15 |

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|----|---|-----|-----------|
| 19 | Sexual dimorphism in the shell of a nassariid gastropod. A 3D geometric morphometrics approach. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 249-255. | 0.8 | 14 |
| 20 | 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 |
| 21 | A histopathological survey of the razor clam <i>Ensis macha</i> (Pharidae) along the Patagonian Argentina coast. <i>Journal of Invertebrate Pathology</i> , 2013, 112, 253-259. | 3.2 | 11 |
| 22 | Phenotypic variation of south-western Atlantic clam <i>Mactra isabelleana</i> (Bivalvia: Mactridae). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 511-517. | 0.8 | 11 |
| 23 | 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 |
| 24 | Habitat-modulated shell shape and spatial segregation in a Patagonian false limpet (<i>Siphonaria</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 | 1.9 | 10 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Mollusc shell shape as pollution biomarkers: Which is the best biological model?. <i>Marine Pollution Bulletin</i> , 2022, 179, 113663. | 5.0 | 8 |
| 29 | Environment-specific shell shape variation in the boring mytilid <i>Leiosolenus patagonicus</i> . <i>Marine Biology Research</i> , 2017, 13, 246-252. | 0.7 | 7 |
| 30 | Use of shell shape variation as an assessment tool in the southernmost razor clam fishery. <i>Fisheries Research</i> , 2017, 186, 216-222. | 1.7 | 7 |
| 31 | 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 |
| 32 | Variation in cheliped form in two species of squat lobsters (Decapoda: Anomura) from Chile. <i>Brazilian Journal of Oceanography</i> , 2015, 63, 303-310. | 0.6 | 4 |
| 33 | 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 |
| 34 | Environmental Control on Shell-Sculpture of the Miocene Pectinid <i>Chlamys</i> <i>Actinodes</i> (Sowerby, 1846) (Patagonia, Argentina). <i>Ameghiniana</i> , 2016, 53, 645-654. | 0.7 | 3 |
| 35 | <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 |
| 36 | Embryonic shell shape as an early indicator of pollution in marine gastropods. <i>Marine Environmental Research</i> , 2021, 167, 105283. | 2.5 | 3 |

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|----|--|-----|-----------|
| 37 | Crab carapace shape as a biomarker of salt marsh metals pollution. <i>Chemosphere</i> , 2021, 276, 130195. | 8.2 | 2 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | ENVIRONMENTAL CONTROL ON SHELL-SCULPTURE OF THE MIOCENE PECTINID "CHLAMYS" ACTINODES (SOWERBY, 1846) (PATAGONIA, ARGENTINA). <i>Ameghiniana</i> , 2016, , . | 0.7 | 0 |
| 44 | 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 |