

Augusto Av Flores

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,155
citations

218677

26
h-index

289244

40
g-index

92
all docs

92
docs citations

92
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	Predator traits determine food-web architecture across ecosystems. <i>Nature Ecology and Evolution</i> , 2019, 3, 919-927.	7.8	157
2	Camouflage through colour change: mechanisms, adaptive value and ecological significance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160342.	4.0	139
3	Vulnerability to climate warming and acclimation capacity of tropical and temperate coastal organisms. <i>Ecological Indicators</i> , 2016, 62, 317-327.	6.3	132
4	Tide and wind control of megalopal supply to estuarine crab populations on the Portuguese west coast. <i>Marine Ecology - Progress Series</i> , 2006, 307, 21-36.	1.9	75
5	Ecological traps in shallow coastal watersâ€”Potential effect of heat-waves in tropical and temperate organisms. <i>PLoS ONE</i> , 2018, 13, e0192700.	2.5	72
6	Effect of warming rate on the critical thermal maxima of crabs, shrimp and fish. <i>Journal of Thermal Biology</i> , 2015, 47, 19-25.	2.5	71
7	Upper thermal limits and warming safety margins of coastal marine species â€” Indicator baseline for future reference. <i>Ecological Indicators</i> , 2019, 102, 644-649.	6.3	56
8	Sexual Maturity, Reproductive Cycles, and Juvenile Recruitment of <i>Perisesarma Guttatum</i> (Brachyura,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf Biology</i> , 2002, 22, 143-156.	0.8	47
9	Groups travel further: pelagic metamorphosis and polyp clustering allow higher dispersal potential in sun coral propagules. <i>Coral Reefs</i> , 2014, 33, 443-448.	2.2	45
10	Population dynamics of the shore crab <i>Pachygrapsus marmoratus</i> (Brachyura: Grapsidae) in the central Portuguese coast. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2002, 82, 229-241.	0.8	44
11	Shape, colour plasticity, and habitat use indicate morph-specific camouflage strategies in a marine shrimp. <i>BMC Evolutionary Biology</i> , 2016, 16, 218.	3.2	40
12	Distinct community dynamics at two artificial habitats in a recreational marina. <i>Marine Environmental Research</i> , 2016, 122, 85-92.	2.5	39
13	Temporal and spatial patterns of settlement of brachyuran crab megalopae at a rocky coast in Central Portugal. <i>Marine Ecology - Progress Series</i> , 2002, 229, 207-220.	1.9	38
14	Predator control of marine communities increases with temperature across 115 degrees of latitude. <i>Science</i> , 2022, 376, 1215-1219.	12.6	36
15	External factors determining seasonal breeding in a subtropical population of the shore crab <i>Pachygrapsus transversus</i> (Gibbes, 1850) (Brachyura, Grapsidae). <i>Invertebrate Reproduction and Development</i> , 1998, 34, 149-155.	0.8	34
16	ALLOMETRY OF THE SECONDARY SEXUAL CHARACTERS OF THE SHORE CRAB <i>PACHYGRAPSUS TRANSVERSUS</i> (GIBBES, 1850) (BRACHYURA, GRAPSIDAE). <i>Crustaceana</i> , 1999, 72, 1051-1066.	0.3	34
17	Sexual maturity, larval release and reproductive output of two brachyuran crabs from a rocky intertidal area in central Portugal. <i>Invertebrate Reproduction and Development</i> , 2002, 42, 21-34.	0.8	34
18	Environmental health assessment of warming coastal ecosystems in the tropics â€” Application of integrative physiological indices. <i>Science of the Total Environment</i> , 2018, 643, 28-39.	8.0	34

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19	Uneven abundance of the invasive sun coral over habitat patches of different orientation: An outcome of larval or later benthic processes?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 452, 22-30.	1.5	31
20	A polyp from nothing: The extreme regeneration capacity of the Atlantic invasive sun corals <i>Tubastraea coccinea</i> and <i>T. tagusensis</i> (Anthozoa, Scleractinia). <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 503, 60-65.	1.5	31
21	The Megalopa and Juvenile Development of <i>Pachygrapsus Transversus</i> (Gibbes, 1850) (Decapoda, Tj ETQq1 1 0.784314 rgBT /Overlo 0.3 30	0.3	30
22	Foraging by the omnivorous crab <i>Pachygrapsus transversus</i> affects the structure of assemblages on sub-tropical rocky shores. <i>Marine Ecology - Progress Series</i> , 2010, 420, 125-135.	1.9	30
23	The importance of predation and predator size on the development and structure of a subtropical fouling community. <i>Hydrobiologia</i> , 2016, 776, 209-219.	2.0	30
24	What's in a tide pool? Just as much food web network complexity as in large open ecosystems. <i>PLoS ONE</i> , 2018, 13, e0200066.	2.5	30
25	Title is missing!. <i>Hydrobiologia</i> , 2001, 449, 171-177.	2.0	29
26	Climate drives the geography of marine consumption by changing predator communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28160-28166.	7.1	29
27	Thermal stress, thermal safety margins and acclimation capacity in tropical shallow waters—An experimental approach testing multiple end-points in two common fish. <i>Ecological Indicators</i> , 2017, 81, 146-158.	6.3	28
28	Persistence and space preemption explain species-specific founder effects on the organization of marine sessile communities. <i>Ecology and Evolution</i> , 2018, 8, 3430-3442.	1.9	28
29	Stratified settlement and moulting competency of brachyuran megalopae in Ponta Rasa mangrove swamp, Inhaca Island (Mozambique). <i>Estuarine, Coastal and Shelf Science</i> , 2003, 56, 325-337.	2.1	27
30	Decadal losses of canopy-forming algae along the warm temperate coastline of Brazil. <i>Global Change Biology</i> , 2020, 26, 1446-1457.	9.5	26
31	Latitudinal patterns of species diversity on South American rocky shores: Local processes lead to contrasting trends in regional and local species diversity. <i>Journal of Biogeography</i> , 2020, 47, 1966-1979.	3.0	26
32	Disruption of endogenous tidal rhythms of larval release linked to food supply and heat stress in an intertidal barnacle. <i>Marine Ecology - Progress Series</i> , 2013, 472, 185-198.	1.9	23
33	The Use of Artificial Benthic Collectors for Assessment of Spatial Patterns of Settlement of Megalopae of <i>Carcinus maenas</i> (L.) (Brachyura: Portunidae) in the Lower Mira Estuary, Portugal. <i>Hydrobiologia</i> , 2006, 557, 69-77.	2.0	22
34	The adaptive value of camouflage and colour change in a polymorphic prawn. <i>Scientific Reports</i> , 2018, 8, 16028.	3.3	22
35	Effects of predation depend on successional stage and recruitment rate in shallow benthic assemblages of the Southwestern Atlantic. <i>Marine Biology</i> , 2016, 163, 1.	1.5	21
36	Sun coral invasion of shallow rocky reefs: effects on mobile invertebrate assemblages in Southeastern Brazil. <i>Biological Invasions</i> , 2019, 21, 1339-1350.	2.4	21

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37	First zoeal stages of grapsoid crabs (Crustacea: Brachyura) from the East African coast. <i>Zoological Journal of the Linnean Society</i> , 2003, 137, 355-383.	2.3	20
38	Estimating abundance and spatial distribution patterns of the bubble crab <i>Dotilla fenestrata</i> (Crustacea: Brachyura). <i>Austral Ecology</i> , 2005, 30, 14-23.	1.5	20
39	Abundance of sedentary consumers and sessile organisms along the wave exposure gradient of subtropical rocky shores of the south-west Atlantic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2011, 91, 961-967.	0.8	20
40	POSTLARVAL STAGES AND GROWTH PATTERNS OF THE SPIDER CRAB <i>PYROMAIA TUBERCULATA</i> (BRACHYURA). <i>Tj ETQq0 0 0 rgBT /Ove</i>	0.8	19
41	Rare predation by the intertidal crab <i>Pachygrapsus marmoratus</i> on the limpet <i>Patella depressa</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 367-370.	0.8	18
42	Interactive effects of grazing and environmental stress on macroalgal biomass in subtropical rocky shores: Modulation of bottom-up inputs by wave action. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 463, 39-48.	1.5	18
43	Food web organization following the invasion of habitat-modifying <i>Tubastraea</i> spp. corals appears to favour the invasive borer bivalve <i>Leiosolenus aristatus</i> . <i>Ecological Indicators</i> , 2018, 85, 1204-1209.	6.3	18
44	Interspecies comparison of the mechanical properties and biochemical composition of byssal threads. <i>Journal of Experimental Biology</i> , 2017, 220, 984-994.	1.7	17
45	Allelopathic effects on the sun-coral invasion: facilitation, inhibition and patterns of local biodiversity. <i>Marine Biology</i> , 2017, 164, 1.	1.5	17
46	Local biological drivers, not remote forcing, predict settlement rate to a subtropical barnacle population. <i>Marine Ecology - Progress Series</i> , 2016, 543, 201-208.	1.9	17
47	Ecosystem functioning of canopy- and turf- forming algae: contrasting supply of invertebrate prey to pelagic consumers. <i>Marine Ecology - Progress Series</i> , 2020, 647, 79-92.	1.9	17
48	Morph-specific habitat and sex distribution in the caridean shrimp <i>Hippolyte obliquimanus</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 235-242.	0.8	16
49	Effect of crab size and habitat type on the locomotory activity of juvenile shore crabs, <i>Carcinus maenas</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2008, 80, 509-516.	2.1	15
50	Cannibalism, post-settlement growth rate and size refuge in a recruitment-limited population of the shore crab <i>Carcinus maenas</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 410, 72-79.	1.5	15
51	A field study to describe diel, tidal and semilunar rhythms of larval release in an assemblage of tropical rocky shore crabs. <i>Marine Biology</i> , 2007, 151, 1989-2002.	1.5	14
52	Habitat-dependent niche partitioning between colour morphs of the algal-dwelling shrimp <i>Hippolyte obliquimanus</i> . <i>Marine Biology</i> , 2017, 164, 1.	1.5	14
53	Complex food webs of tropical intertidal rocky shores (SE Brazil) – An isotopic perspective. <i>Ecological Indicators</i> , 2018, 95, 485-491.	6.3	14
54	Retention-favorable timing of propagule release in barnacles and periwinkles. <i>Marine Ecology - Progress Series</i> , 2010, 414, 155-165.	1.9	14

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55	Interacting environmental stressors modulate reproductive output and larval performance in a tropical intertidal barnacle. <i>Marine Ecology - Progress Series</i> , 2015, 532, 161-175.	1.9	14
56	SEXUAL MATURITY, REPRODUCTIVE CYCLES, AND JUVENILE RECRUITMENT OF PERISEARMA GUTTATUM (BRACHYURA, SESARMIDAE) AT PONTA RASA MANGROVE SWAMP, INHACA ISLAND, MOZAMBIQUE. <i>Journal of Crustacean Biology</i> , 2002, 22, 143-156.	0.8	13
57	Intertidal distribution and species composition of brachyuran crabs at two rocky shores in Central Portugal. , 2001, , 171-177.		13
58	High thermal tolerance does not protect from chronic warming – A multiple end-point approach using a tropical gastropod, <i>Stramonita haemastoma</i> . <i>Ecological Indicators</i> , 2018, 91, 626-635.	6.3	12
59	Neustonic distribution of decapod planktonic stages and competence of brachyuran megalopae in coastal waters. <i>Marine and Freshwater Research</i> , 2007, 58, 519.	1.3	11
60	Shelf and estuarine transport mechanisms affecting the supply of competent larvae in a suite of brachyuran crabs with different life histories. <i>Marine Ecology - Progress Series</i> , 2010, 410, 125-142.	1.9	11
61	Longitudinal distribution and lateral pattern of megalopal settlement and juvenile recruitment of <i>Carcinus maenas</i> (L.) (Brachyura, Portunidae) in the Mira River Estuary, Portugal. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 69, 179-188.	2.1	10
62	Tidal-amplitude rhythms of larval release: variable departure from presumed optimal timing among populations of the mottled shore crab. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 859-865.	0.8	10
63	Vertical differences in species turnover and diversity of amphipod assemblages associated with coralline mats. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 181, 153-159.	2.1	10
64	Adding early-stage engineering species affects advanced-stage organization of shallow-water fouling assemblages. <i>Hydrobiologia</i> , 2018, 818, 211-222.	2.0	10
65	Do marine fish juveniles use intertidal tide pools as feeding grounds?. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 225, 106255.	2.1	10
66	Trophic cues as possible triggers of mussel larval settlement in southeastern Brazil. <i>Aquatic Living Resources</i> , 2018, 31, 26.	1.2	9
67	Seasonal dynamics of amphipod assemblages in intertidal coralline algal mats on two Brazilian shores. <i>Bulletin of Marine Science</i> , 2019, 95, 83-100.	0.8	9
68	Possible interference competition involving established fish and a sun coral incursion. <i>Marine Biodiversity</i> , 2017, 47, 369-370.	1.0	8
69	Temperature-driven secondary competence windows may increase the dispersal potential of invasive sun corals. <i>Marine Biology</i> , 2019, 166, 1.	1.5	8
70	Conspecific cues affect stage-specific molting frequency, survival, and claw morphology of early juvenile stages of the shore crab <i>Carcinus maenas</i> . <i>Hydrobiologia</i> , 2014, 724, 55-66.	2.0	7
71	Effects of wave exposure on the abundance and composition of amphipod and tanaidacean assemblages inhabiting intertidal coralline algae. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, , 1-7.	0.8	7
72	Colonization history meets further niche processes: how the identity of founders modulates the way predation structure fouling communities. <i>Oecologia</i> , 2021, 196, 1167-1178.	2.0	7

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73	Source populations in coastal crabs: population parameters affecting egg production. <i>Aquatic Biology</i> , 2009, 7, 31-43.	1.4	6
74	Invasive sun corals and warming pose independent threats to the brain coral <i>Mussismilia hispida</i> in the Southwestern Atlantic. <i>Marine Ecology - Progress Series</i> , 2019, 629, 43-54.	1.9	6
75	A sampling device to quantify offspring release of sessile marine invertebrates. <i>Invertebrate Reproduction and Development</i> , 2008, 52, 41-44.	0.8	5
76	Response of tropical and subtropical chthamalid barnacles to increasing substrate temperatures. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 524, 151281.	1.5	5
77	Changes to the structure of tropical seagrass meadows (<i>Halophila decipiens</i>) in the warm-temperate waters of the southwest Atlantic. <i>Aquatic Botany</i> , 2020, 161, 103174.	1.6	5
78	Larval and early juvenile stages of <i>Pirimela denticulata</i> (Montagu, 1808) (Crustacea, Brachyura). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54</i>	0.5	4
79	Drifting in the Caribbean: Hints from the intertidal bivalve <i>Isognomon alatus</i> . <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106333.	2.1	4
80	Mismatched seasonal patterns of larval production and quality in subtropical barnacle populations along a coastal trophic gradient. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 224, 43-50.	2.1	4
81	Evidence for enhanced late-stage larval quality, not survival, through maternal carry-over effects in a space monopolizing barnacle. <i>Hydrobiologia</i> , 2019, 830, 277-286.	2.0	3
82	Current conditions and colonization history asymmetrically shape the organization of shallow sessile communities after simulated state shifts. <i>Marine Environmental Research</i> , 2018, 133, 24-31.	2.5	3
83	Different ontogenetic trajectories of body colour, pattern and crypsis in two sympatric intertidal crab species. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 17-31.	1.6	3
84	Allochthonous subsidies drive early recruitment of a subtropical foundation species. <i>Oikos</i> , 0, , .	2.7	3
85	Environmentally driven shift between alternative female morphotypes in the mottled shore crab. <i>Zoology</i> , 2011, 114, 276-283.	1.2	2
86	Present and future invasion perspectives of an alien shrimp in South Atlantic coastal waters: an experimental assessment of functional biomarkers and thermal tolerance. <i>Biological Invasions</i> , 2019, 21, 1567-1584.	2.4	1
87	Cyprid larvae of the acorn barnacle <i>Semibalanus balanoides</i> (Linnaeus, 1767) (Cirripedia: Sessilia). <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Journal of Crustacean Biology</i> , 2020, 40, 209-212.	0.8	1
88	Evidence of surplus carrying capacity for benthic invertebrates with the poleward range extension of the tropical seagrass <i>Halophila decipiens</i> in SE Brazil. <i>Marine Environmental Research</i> , 2020, 162, 105108.	2.5	1
89	Lipid allocation in late-stage barnacle larvae from subtropical and temperate waters. <i>Marine Ecology - Progress Series</i> , 2021, 661, 147-161.	1.9	0
90	Salinity gradients and interspecific competition determine the distribution of chthamalid barnacles in a subtropical estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107587.	2.1	0