

Fernando J Zara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6063533/publications.pdf>

Version: 2024-02-01

78
papers

921
citations

566801

15
h-index

580395

25
g-index

79
all docs

79
docs citations

79
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial and antiparasitic effects of <i>Bothrops marajoensis</i> venom and its fractions: Phospholipase A2 and l-amino acid oxidase. <i>Toxicon</i> , 2010, 55, 795-804.	0.8	100
2	Spermatogenesis, Spermatophore, and Seminal Fluid Production in the Adult Blue Crab <i>Callinectes danae</i> (Portunidae). <i>Journal of Crustacean Biology</i> , 2012, 32, 249-262.	0.3	49
3	Disulfide Biochemistry in 2-Cys Peroxiredoxin: Requirement of Glu50 and Arg146 for the Reduction of Yeast Tsa1 by Thioredoxin. <i>Journal of Molecular Biology</i> , 2012, 424, 28-41.	2.0	46
4	Interaction between breeding habitat and elevation affects prevalence but not infection intensity of <i>Batrachochytrium dendrobatidis</i> in Brazilian anuran assemblages. <i>Diseases of Aquatic Organisms</i> , 2012, 97, 173-184.	0.5	45
5	Spermathecae of the mangrove crab <i>Ucides cordatus</i> : a histological and histochemical view. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 903-911.	0.4	30
6	The ovarian cycle histochemistry and its relationship with hepatopancreas weight in the blue crab <i>Callinectes danae</i> (Crustacea: Portunidae). <i>Acta Zoologica</i> , 2013, 94, 134-146.	0.6	28
7	Checklist of decapods (Crustacea) from the coast of São Paulo State (Brazil) supported by integrative molecular and morphological data: II. Infraorder Caridea: family Alpheidae. <i>Zootaxa</i> , 2018, 4450, 331-358.	0.2	26
8	Simultaneous activity of male and female gonads in intersex hermit crabs. <i>Aquatic Biology</i> , 2010, 10, 201-209.	0.5	24
9	Morphological Changes in the Seminal Receptacle During Ovarian Development in the Speckled Swimming Crab <i>Arenaeus cribrarius</i> . <i>Biological Bulletin</i> , 2014, 227, 19-32.	0.7	23
10	Checklist of decapod crustaceans from the coast of the São Paulo state (Brazil) supported by integrative molecular and morphological data: III. Infraorder Brachyura Latreille, 1802. <i>Zootaxa</i> , 2020, 4872, zootaxa.4872.1.1.	0.2	23
11	Development of the male reproductive system in <i>Callinectes ornatus</i> Ordway, 1863 (Brachyura: Tj ETQq1 1 0.784314 rgBT /Overlock 0.3 21	0.3	21
12	Surface-sediment and hermit-crab contamination by butyltins in southeastern Atlantic estuaries after ban of TBT-based antifouling paints. <i>Environmental Science and Pollution Research</i> , 2014, 21, 6516-6524.	2.7	20
13	Reproductive migration and population dynamics of the blue crab <i>Callinectes danae</i> in an estuary in southeastern Brazil. <i>Marine Biology Research</i> , 2012, 8, 354-362.	0.3	19
14	Checklist of decapods (Crustacea) from the coast of the São Paulo state (Brazil) supported by integrative molecular and morphological data: I. Infraorder Caridea: families Hippolytidae, Lysmatidae, Ogyrididae, Processidae and Thoridae. <i>Zootaxa</i> , 2018, 4370, 76.	0.2	18
15	Effects of tributyltin exposure in hermit crabs: <i>Clibanarius vittatus</i> as a model. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 632-638.	2.2	17
16	Morphological analysis of the female reproductive system of <i>Stenorhynchus seticornis</i> (Brachyura: Inachoididae) and comparisons with other Majoidea. <i>Invertebrate Biology</i> , 2016, 135, 75-86.	0.3	17
17	A multigene and morphological analysis expands the diversity of the seabod shrimp <i>Xiphopenaeus</i> Smith, 1869 (Decapoda: Penaeidae), with descriptions of two new species. <i>Scientific Reports</i> , 2019, 9, 15281.	1.6	16
18	Biologia populacional e reprodutiva do camarão sete-barbas na Baía de Santos, São Paulo. <i>Boletim Do Instituto De Pesca</i> , 2013, 39, 283-297.	0.5	16

#	ARTICLE	IF	CITATIONS
19	The Origin of Lipid Droplets in the Post-pharyngeal Gland of <i>Dinoponera australis</i> (Formicidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 0,2	0.2	15
20	Is cleistosperry and coenospermy related to sperm transfer? A comparative study of the male reproductive system of <i>Pachygrapsus transversus</i> and <i>Pachygrapsus gracilis</i> (Brachyura: Grapsidae). <i>Journal of Crustacean Biology</i> , 2014, 34, 704-716.	0.3	14
21	Identification of two novel cytolytins from the hydrozoan <i>Olindias sambaquiensis</i> (Cnidaria). <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 10.	0.8	14
22	Functional morphology of the male reproductive system of the white shrimp <i>Litopenaeus schmitti</i> (Burkenroad, 1936) (Crustacea, Penaeidea) compared to other <i>Litopenaeus</i> . <i>Invertebrate Reproduction and Development</i> , 2016, 60, 161-174.	0.3	14
23	Sperm ultrastructure of shrimps from the family Penaeidae (Crustacea: Dendrobranchiata) in a phylogenetic context. <i>Arthropod Structure and Development</i> , 2017, 46, 588-600.	0.8	14
24	Reproductive biology of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct phenotypes in Neotropical reservoirs during the 'El Niño' event. <i>Marine and Freshwater Research</i> , 2019, 70, 1465.	0.7	14
25	Ultramorphology and histochemistry of fat body cells from last Instar larval of the <i>Pachycondyla (=Neoponera) villosa</i> (Fabricius) (Formicidae: Ponerinae). <i>Brazilian Journal of Biology</i> , 2004, 64, 725-735.	0.4	13
26	Hermit crabs as bioindicators of recent tributyltin (TBT) contamination. <i>Ecological Indicators</i> , 2012, 14, 184-188.	2.6	13
27	Integrative analysis of sperm ultrastructure and molecular genetics supports the phylogenetic positioning of the sympatric rock shrimps <i>Sicyonia dorsalis</i> and <i>Sicyonia typica</i> (Decapoda,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 0,2	0.2	10
28	Sperm count of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct life histories, with introduction of a simple counting method. <i>Aquaculture</i> , 2018, 491, 368-374.	1.7	11
29	The extract of the jellyfish <i>Phyllorhiza punctata</i> promotes neurotoxic effects. <i>Journal of Applied Toxicology</i> , 2011, 31, 720-729.	1.4	10
30	Differences in sperm morphology in foam-nesting leptodactylid frogs (Anura, Leptodactylidae). <i>Acta Zoologica</i> , 2017, 98, 1-12.	0.6	10
31	Male reproductive system of the arrow crab <i>Stenorhynchus seticornis</i> (Inachoididae). <i>Invertebrate Biology</i> , 2018, 137, 171-184.	0.3	10
32	The androgenic gland in male morphotypes of the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862). <i>General and Comparative Endocrinology</i> , 2019, 275, 6-14.	0.8	10
33	Ultramorphology and histology of the larval salivary gland of <i>Pachycondyla villosa</i> (Fabricius) (Hymenoptera: Formicidae, Ponerinae). <i>Neotropical Entomology</i> , 2003, 32, 59-68.	0.5	9
34	Ultrastructure of spermatophores and spermatozoa of intertidal crabs <i>Pachygrapsus transversus</i> , <i>Pachygrapsus gracilis</i> and <i>Geograpsus lividus</i> (Decapoda: Grapsidae). <i>Zoologischer Anzeiger</i> , 2017, 269, 166-176.	0.4	9
35	Size at onset of sexual maturity in <i>Macrobrachium amazonicum</i> (Heller, 1862) phenotypes: an integrative approach. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180560.	0.3	9
36	Ultrastructure of the Salivary Glands of <i>Pachycondyla (=Neoponera) villosa</i> (Fabricius)(Formicidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0,2	0.2	8

#	ARTICLE	IF	CITATIONS
37	Comparative spermatozoal ultrastructure and molecular analysis in dromiid crabs and their phylogenetic implications for Dromiidae and Podotremata (Decapoda: Brachyura). <i>Arthropod Structure and Development</i> , 2018, 47, 627-642.	0.8	8
38	Checklist of decapod crustaceans from the coast of the São Paulo state (Brazil) supported by integrative molecular and morphological data: IV. Infraorder Anomura: Superfamilies Chirostyloidea, Galatheoidea, Hippoidea and Paguroidea. <i>Zootaxa</i> , 2021, 4965, 558600.	0.2	8
39	Oogenesis in <i>Phragmatopoma</i> (Polychaeta: Sabellariidae): Evidence for morphological distinction among geographically remote populations. <i>Memoirs of Museum Victoria</i> , 2014, 71, 53-65.	0.6	8
40	Checklist of decapod crustaceans from the coast of the São Paulo state (Brazil) supported by integrative molecular and morphological data: V. Dendrobranchiata and Pleocyemata [Achelata, Astacidea, Axiidea, Caridea (Alpheoidea and Processoidea excluded), Gebiidea, Stenopodidea]. <i>Zootaxa</i> , 2022, 5121, 1-74.	0.2	8
41	Ultrastructure of spermatozoa of spider crabs, family Mithracidae (Crustacea, Decapoda, Brachyura): Integrative analyses based on morphological and molecular data. <i>Journal of Morphology</i> , 2017, 278, 1628-1646.	0.6	7
42	First record of intersexuality in the Amazon River shrimp <i>Macrobrachium amazonicum</i> (Heller, 1862) (Caridea: Palaemonidae). <i>Journal of Crustacean Biology</i> , 2017, 37, 507-511.	0.3	7
43	Morphology and ultrastructure of the adult ovarian cycle in Mithracidae (Crustacea, Decapoda, Brachyura). <i>Journal of Morphology</i> , 2017, 278, 1628-1646.	0.784314	7
44	New insights in the male anatomy, spermatophore formation, and sperm structure in Atyidae: The red cherry shrimp <i>Neocaridina davidi</i> . <i>Invertebrate Biology</i> , 2019, 138, 17-28.	0.3	7
45	Ultrastructure of last larval instar fat body cells of <i>Pachycondyla (= Neoponera) villosa</i> (Formicidae). <i>Journal of Morphology</i> , 2017, 278, 1628-1646.	0.784314	6
46	An investigation into the male reproductive system of two freshwater crabs from the Amazon: is there a sperm plug or packet formation?. <i>Marine and Freshwater Behaviour and Physiology</i> , 2018, 51, 227-249.	0.4	6
47	Genetic comparison of the red shrimp <i>Pleoticus muelleri</i> (Decapoda: Solenoceridae) using the barcode gene reveals the absence of cryptic speciation along its distribution. <i>Regional Studies in Marine Science</i> , 2018, 24, 392-399.	0.4	6
48	Is there a trade-off between sperm production and sexual weaponry in the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862)?. <i>Zoology</i> , 2022, 153, 126029.	0.6	6
49	Toxin jararhagin in low doses induces interstitial edema and increases the metabolic rate and red blood cells in mice. <i>Toxicon</i> , 2006, 48, 1060-1067.	0.8	5
50	<i>Myzobdella Platensis</i> (Hirundinida: Piscicolidae) is True Parasite of Blue Crabs (Crustacea: Decapoda: Brachyura). <i>Journal of Crustacean Biology</i> , 2017, 37, 507-511.	0.3	5
51	Population biology and distribution of the portunid crab <i>Callinectes ornatus</i> (Decapoda: Brachyura) in an estuary-bay complex of southern Brazil. <i>Zoologia</i> , 2014, 31, 329-336.	0.5	5
52	Male reproductive system of the red brocade hermit crab <i>Dardanus insignis</i> (Diogenidae) and its relationship to other family members. <i>Zoomorphology</i> , 2014, 133, 127-137.	0.4	5
53	Biological associations of color variation in the Indo-Pacific swimming crab <i>Charybdis hellerii</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 219-232.	0.3	5
54	Towards a standard measure of sea anemone size: assessing the accuracy and precision of morphological measures for cantilever-like animals. <i>Marine Ecology</i> , 2016, 37, 1019-1026.	0.4	5

#	ARTICLE	IF	CITATIONS
55	Parabronchial remodeling in chicks in response to embryonic hypoxia. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	5
56	Seminal fluid production and sperm packaging in dromiid crabs (Brachyura, Podotremata). <i>Zoology</i> , 2019, 132, 17-30.	0.6	5
57	Ovarian development in swimming crabs: Comparative histochemistry and ultrastructure of <i>Callinectes ornatus</i> and <i>Arenaeus cribrarius</i> (Brachyura, Portunidae). <i>Tissue and Cell</i> , 2020, 66, 101395.	1.0	5
58	Is Potimirim potimirim (Crustacea, Decapoda, Atyidae) a protandric hermaphrodite species? Behavioral and morphological aspects of the reproductive system. <i>Arthropod Structure and Development</i> , 2021, 63, 101060.	0.8	5
59	Dry or wet? What is the best choice to determine gonadosomatic and hepatosomatic indexes in females of <i>Macrobrachium amazonicum</i> ?. <i>Aquaculture Research</i> , 2019, 50, 3589-3596.	0.9	4
60	Ultrastructure of spermatozoa of members of Calappidae, Aethridae and Menippidae and discussion of their phylogenetic placement. <i>Acta Zoologica</i> , 2020, 101, 89-100.	0.6	4
61	Ultrastructure and histochemistry of the male reproductive system of the genus <i>Callinectes</i> Stimpson, 1860 (Brachyura: Portunidae). <i>Journal of Morphology</i> , 2020, 281, 1660-1678.	0.6	4
62	From sperm plug formation to ovulation: morphological and ultrastructural modifications in the seminal receptacle of the blue crab <i>Callinectes danae</i> . <i>Zoologischer Anzeiger</i> , 2021, 291, 45-60.	0.4	4
63	Black-tufted-ear marmoset <i>Callithrix penicillata</i> ; (Primates: Callitrichidae) following the army ant <i>Labidus praedator</i> ; (Formicidae: Ectoninae) in the Cerrado and the Atlantic Forest, Brazil. <i>Neotropical Primates</i> , 2007, 14, 32-33.	0.1	3
64	Host-parasite relationship during <i>Epistylis</i> sp. (Ciliophora: Epistylididae) infestation in farmed cichlid and pimelodid fish. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 520-526.	0.9	3
65	Spermatogenesis and gonadal cycle in male <i>Tamoya haplonema</i> and <i>Chiropsalmus quadrumanus</i> (Cnidaria, Cubozoa). <i>Zoologischer Anzeiger</i> , 2019, 279, 59-67.	0.4	3
66	Validation of <i>Xiphopenaeus dincao</i> Carvalho-Batista, Terossi, Zara, Mantelatto & Costa and <i>Xiphopenaeus baueri</i> Carvalho-Batista, Terossi, Zara, Mantelatto & Costa (Decapoda: Penaeidae) from western Atlantic. <i>Zootaxa</i> , 2020, 4772, zootaxa.4772.3.10.	0.2	3
67	An integrative approach using DNA barcode and scanning electron microscopy for the effective identification of sympatric species of the genus <i>Farfantepenaeus</i> Burukovsky, 1997. <i>Regional Studies in Marine Science</i> , 2021, 43, 101670.	0.4	3
68	Post-Embryonic Development in <i>Zaprionus indianus</i> (Diptera: Drosophilidae). <i>Annals of the Entomological Society of America</i> , 2013, 106, 779-787.	1.3	2
69	Integrative depiction of the male reproductive system of the commercial purple crab <i>Homalaspis plana</i> (Platyxanthidae): Structure and function. <i>Journal of Morphology</i> , 2019, 280, 1693-1705.	0.6	2
70	Effect of the Cry1, Cry2 and Vip3 protein combinations on the control of <i>Anticarsia gemmatalis</i> (Erebidae) and <i>Chrysodeixis includens</i> (Noctuidae) Lepidoptera. <i>International Journal of Pest Management</i> , 2022, 68, 175-183.	0.9	1
71	SEM studies on first and second gonopod morphology in Mithracidae (Decapoda: Brachyura). <i>Nauplius</i> , 0, 29, .	0.3	1
72	Morphological changes during ontogeny of the male first and second gonopods of <i>Mithraculus forceps</i> A. Milne-Edwards, 1875 (Brachyura: Majoidea: Mithracidae). <i>Journal of Natural History</i> , 2021, 55, 953-967.	0.2	1

#	ARTICLE	IF	CITATIONS
73	Ultrastructure of two microsporidians <i>Inodosporus</i> sp. and <i>Myospora</i> sp. co-infecting muscles of the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862). <i>Nauplius</i> , 0, 29, .	0.3	1
74	Seminal fluid and spermatophore production in a western Atlantic invasive swimming crab, <i>Charybdis hellerii</i> , reveals a different pattern to Portunoidea. <i>Arthropod Structure and Development</i> , 2022, 66, 101137.	0.8	1
75	From copula to fertilization: The reproduction of primitive crab <i>Hypoconcha parasitica</i> (Linnaeus, 1763) (Podotremata: Dromiidae). <i>Anatomical Record</i> , 2022, , .	0.8	1
76	RANGE EXTENSION OF THE ARMY ANT <i>ECITON MEXICANUM</i> ROGER (FORMICIDAE: ECITONINI) IN THE PANTANAL SURROUND PLATEAU, BRAZIL. <i>Entomological News</i> , 2007, 118, 211-212.	0.1	0
77	Comparative morphology of the spermatophores and spermatozoa of three Amazon freshwater crabs (Decapoda, Brachyura, Trichodactylidae). <i>Journal of Natural History</i> , 2021, 55, 1877-1893.	0.2	0
78	Much more than hooked: Setal adaptations for camouflage in <i>Macrocoeloma trispinosum</i> (Latreille,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF 5</i>	0.8	0