

Fernando J Zara

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74
papers

665
citations

13
h-index

21
g-index

79
ext. papers

773
ext. citations

1.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
74	Antibacterial and antiparasitic effects of Bothrops marajoensis venom and its fractions: Phospholipase A2 and L-amino acid oxidase. <i>Toxicon</i> , 2010 , 55, 795-804	2.8	77
73	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	0.8	40
72	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, 173-84	1.7	39
71	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	6.5	33
70	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	1.1	29
69	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	0.8	22
68	Development of the male reproductive system in <i>Callinectes ornatus</i> Ordway, 1863 (Brachyura: Portunidae). <i>Nauplius</i> , 2013 , 21, 161-177	1.3	19
67	Simultaneous activity of male and female gonads in intersex hermit crabs. <i>Aquatic Biology</i> , 2010 , 10, 201-209	2	19
66	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	1.5	18
65	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, 6516-24 ¹	5.1	17
64	Checklist of decapods (Crustacea) from the coast of Sã Paulo State (Brazil) supported by integrative molecular and morphological data: II. Infraorder Caridea: family Alpheidae. <i>Zootaxa</i> , 2018 , 4450, 331-358	0.5	14
63	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	1	14
62	The Origin of Lipid Droplets in the Post-pharyngeal Gland of <i>Dinoponera australis</i> (Formicidae: Ponerinae).. <i>Cytologia</i> , 2002 , 67, 301-308	0.9	14
61	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	0.7	13
60	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	0.8	13
59	Biologia populacional e reprodutiva do camarã sete-barbas na Baã de Santos, Sã Paulo. <i>Boletim Do Instituto De Pesca</i> , 2013 , 39, 283-297	1.5	13
58	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	1	13

57	Checklist of decapods (Crustacea) from the coast of the S̃ 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, 76-94	0.5	12
56	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	2.2	12
55	Effects of tributyltin exposure in hermit crabs: <i>Clibanarius vittatus</i> as a model. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 632-8	3.8	12
54	Hermit crabs as bioindicators of recent tributyltin (TBT) contamination. <i>Ecological Indicators</i> , 2012 , 14, 184-188	5.8	12
53	Sperm ultrastructure of shrimps from the family Penaeidae (Crustacea: Dendrobranchiata) in a phylogenetic context. <i>Arthropod Structure and Development</i> , 2017 , 46, 588-600	1.8	11
52	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, 725-35	1.5	11
51	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, Sicyoniidae). <i>Zoomorphology</i> , 2016 , 135, 67-81	1	10
50	The extract of the jellyfish <i>Phyllorhiza punctata</i> promotes neurotoxic effects. <i>Journal of Applied Toxicology</i> , 2011 , 31, 720-9	4.1	9
49	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	1.2	9
48	Reproductive biology of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct phenotypes in Neotropical reservoirs during the W̃l NĩUevent. <i>Marine and Freshwater Research</i> , 2019 , 70, 1465	2.2	8
47	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	4.4	8
46	Ultrastructure of the Salivary Glands of <i>Pachycondyla (=Neoponera) villosa</i> (Fabricius) (Formicidae: Ponerinae): Functional Changes during the Last Larval Instar.. <i>Cytologia</i> , 2002 , 67, 267-280	0.9	8
45	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	4.9	7
44	Male reproductive system of the arrow crab <i>Stenorhynchus seticornis</i> (Inachoididae). <i>Invertebrate Biology</i> , 2018 , 137, 171-184	1	7
43	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	1.1	7
42	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		6
41	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	1.1	6
40	Differences in sperm morphology in foam-nesting leptodactyline frogs (Anura, Leptodactylidae). <i>Acta Zoologica</i> , 2017 , 98, 1-12	0.8	5

39	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	0.8	5
38	Morphology and ultrastructure of the adult ovarian cycle in Mithracidae (Crustacea, Decapoda, Brachyura, Majoidea). <i>Helgoland Marine Research</i> , 2017 , 71,	1.8	5
37	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	2	5
36	<i>Myzobdella platensis</i> (Hirundinida: Piscicolidae) is true parasite of blue crabs (Crustacea: Portunidae). <i>Journal of Parasitology</i> , 2009 , 95, 124-8	0.9	5
35	Checklist of decapod crustaceans from the coast of the S̃ Paulo state (Brazil) supported by integrative molecular and morphological data: III. Infraorder Brachyura Latreille, 1802. <i>Zootaxa</i> , 2020 , 4872, zootaxa.4872.1.1	0.5	5
34	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 Suppl 2, e20180560	1.4	5
33	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	1.5	5
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	3	4
31	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	1	4
30	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	1.6	4
29	Toxin jararhagin in low doses induces interstitial edema and increases the metabolic rate and red blood cells in mice. <i>Toxicon</i> , 2006 , 48, 1060-7	2.8	4
28	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	1.4	4
27	Parabronchial remodeling in chicks in response to embryonic hypoxia. <i>Journal of Experimental Biology</i> , 2019 , 222,	3	3
26	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	1	3
25	Black-Tufted-Ear Marmoset <i>Callithrix penicillata</i> (Primates: Callitrichidae) Following the Army Ant <i>Labidus praedator</i> (Formicidae: Ecitoninae) in the Cerrado and the Atlantic Forest, Brazil. <i>Neotropical Primates</i> , 2007 , 14, 32-33		3
24	Ultrastructure of last larval instar fat body cells of <i>Pachycondyla</i> (= <i>Neoponera</i>) <i>villosa</i> (Formicidae: Ponerinae): cytochemical and chemical analysis. <i>Animal Biology</i> , 2003 , 53, 1-16	0.7	3
23	Checklist of decapod crustaceans from the coast of the S̃ Paulo state (Brazil) supported by integrative molecular and morphological data: IV. Infraorder Anomura: Superfamilies Chirostyloidea, Galattheoidea, Hippoidea and Paguroidea. <i>Zootaxa</i> , 2021 , 4965, 558600	0.5	3
22	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	1.8	3

21	Seminal fluid production and sperm packaging in dromiid crabs (Brachyura, Podotremata). <i>Zoology</i> , 2019 , 132, 17-30	1.7	3
20	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	1.8	3
19	Checklist of decapod crustaceans from the coast of the So 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	0.5	3
18	Spermatogenesis and gonadal cycle in male Tamoya haplonema and Chiropsalmus quadrumanus (Cnidaria, Cubozoa). <i>Zoologischer Anzeiger</i> , 2019 , 279, 59-67	1.1	2
17	Ultrastructure and histochemistry of the male reproductive system of the genus Callinectes Stimpson, 1860 (Brachyura: Portunidae). <i>Journal of Morphology</i> , 2020 , 281, 1660-1678	1.6	2
16	An integrative approach using DNA barcode and scanning electron microscopy for the effective identification of sympatric species of the genus Farfantepenaeus Burukovsky, 1997. <i>Regional Studies in Marine Science</i> , 2021 , 43, 101670	1.5	2
15	Integrative depiction of the male reproductive system of the commercial purple crab Homalaspis plana (Platyxanthidae): Structure and function. <i>Journal of Morphology</i> , 2019 , 280, 1693-1705	1.6	1
14	Validation of Xiphopenaeus dincao Carvalho-Batista, Terossi, Zara, Mantelatto amp; Costa and Xiphopenaeus baueri Carvalho-Batista, Terossi, Zara, Mantelatto amp; Costa (Decapoda: Penaeidae) from western Atlantic. <i>Zootaxa</i> , 2020 , 4772, zootaxa.4772.3.10	0.5	1
13	Dry or wet? What is the best choice to determine gonadosomatic and hepatosomatic indexes in females of Macrobrachium amazonicum?. <i>Aquaculture Research</i> , 2019 , 50, 3589-3596	1.9	1
12	Biological associations of color variation in the Indo-Pacific swimming crab Charybdis hellerii. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 219-32	1.4	1
11	Post-Embryonic Development in Zaprionus indianus (Diptera: Drosophilidae). <i>Annals of the Entomological Society of America</i> , 2013 , 106, 779-787	2	1
10	Ovarian development in swimming crabs: Comparative histochemistry and ultrastructure of Callinectes ornatus and Arenaeus cribrarius (Brachyura, Portunidae). <i>Tissue and Cell</i> , 2020 , 66, 101395	2.7	1
9	From sperm plug formation to ovulation: morphological and ultrastructural modifications in the seminal receptacle of the blue crab Callinectes danae. <i>Zoologischer Anzeiger</i> , 2021 , 291, 45-60	1.1	1
8	Morphological changes during ontogeny of the male first and second gonopods of Mithraculus forceps A. Milne-Edwards, 1875 (Brachyura: Majoidea: Mithracidae). <i>Journal of Natural History</i> , 2021 , 55, 953-967	0.5	1
7	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	1.8	1
6	Ultrastructure of spermatozoa of members of Calappidae, Aethridae and Menippidae and discussion of their phylogenetic placement. <i>Acta Zoologica</i> , 2020 , 101, 89-100	0.8	1
5	RANGE EXTENSION OF THE ARMY ANT ECITON MEXICANUM ROGER (FORMICIDAE: ECITONINI) IN THE PANTANAL SURROUND PLATEAU, BRAZIL. <i>Entomological News</i> , 2007 , 118, 211-212	0.4	
4	Seminal fluid and spermatophore production in a western Atlantic invasive swimming crab, Charybdis hellerii, reveals a different pattern to Portunoidea.. <i>Arthropod Structure and Development</i> , 2022 , 66, 101137	1.8	

- 3 Much more than hooked: Setal adaptations for camouflage in *Macrocoeloma trispinosum* (Latreille, 1825) (Crustacea: Decapoda: Brachyura). *Arthropod Structure and Development*, **2021**, 66, 101132 1.8
- 2 Comparative morphology of the spermatophores and spermatozoa of three Amazon freshwater crabs (Decapoda, Brachyura, Trichodactylidae). *Journal of Natural History*, **2021**, 55, 1877-1893 0.5
- 1 Effect of the Cry1, Cry2 and Vip3 protein combinations on the control of *Anticarsia gemmatalis* (Erebidae) and *Chrysodeixis includens* (Noctuidae) Lepidoptera. *International Journal of Pest Management*, **2020**, 1-9 1.5