

# Fernando J Zara

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , <b>2022</b> , 66, 101137	1.8	
73	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> , <b>2022</b> , 5121, 1-74	0.5	3
72	Much more than hooked: Setal adaptations for camouflage in <i>Macrocoeloma trispinosum</i> (Latreille, 1825) (Crustacea: Decapoda: Brachyura). <i>Arthropod Structure and Development</i> , <b>2021</b> , 66, 101132	1.8	
71	Comparative morphology of the spermatophores and spermatozoa of three Amazon freshwater crabs (Decapoda, Brachyura, Trichodactylidae). <i>Journal of Natural History</i> , <b>2021</b> , 55, 1877-1893	0.5	
70	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> , <b>2021</b> , 43, 101670	1.5	2
69	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> , <b>2021</b> , 291, 45-60	1.1	1
68	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> , <b>2021</b> , 55, 953-967	0.5	1
67	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, Galatheaidea, Hippoidea and Paguroidea. <i>Zootaxa</i> , <b>2021</b> , 4965, 558600	0.5	3
66	Is <i>Potimirim potimirim</i> (Crustacea, Decapoda, Atyidae) a protandric hermaphrodite species? Behavioral and morphological aspects of the reproductive system. <i>Arthropod Structure and Development</i> , <b>2021</b> , 63, 101060	1.8	1
65	Validation of <i>Xiphopenaeus dincao</i> Carvalho-Batista, Terossi, Zara, Mantelatto amp; Costa and <i>Xiphopenaeus baueri</i> Carvalho-Batista, Terossi, Zara, Mantelatto amp; Costa (Decapoda: Penaeidae) from western Atlantic. <i>Zootaxa</i> , <b>2020</b> , 4772, zootaxa.4772.3.10	0.5	1
64	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> , <b>2020</b> , 4872, zootaxa.4872.1.1	0.5	5
63	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> , <b>2020</b> , 92 Suppl 2, e20180560	1.4	5
62	Ultrastructure and histochemistry of the male reproductive system of the genus <i>Callinectes</i> Stimpson, 1860 (Brachyura: Portunidae). <i>Journal of Morphology</i> , <b>2020</b> , 281, 1660-1678	1.6	2
61	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> , <b>2020</b> , 66, 101395	2.7	1
60	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> , <b>2020</b> , 1-9	1.5	
59	Ultrastructure of spermatozoa of members of Calappidae, Aethridae and Menippidae and discussion of their phylogenetic placement. <i>Acta Zoologica</i> , <b>2020</b> , 101, 89-100	0.8	1
58	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> , <b>2019</b> , 280, 1693-1705	1.6	1

57	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> , <b>2019</b> , 9, 15281	4.9	7
56	Spermatogenesis and gonadal cycle in male <i>Tamoya haplonema</i> and <i>Chiropsalmus quadrumanus</i> (Cnidaria, Cubozoa). <i>Zoologischer Anzeiger</i> , <b>2019</b> , 279, 59-67	1.1	2
55	The androgenic gland in male morphotypes of the Amazon River prawn <i>Macrobrachium amazonicum</i> (Heller, 1862). <i>General and Comparative Endocrinology</i> , <b>2019</b> , 275, 6-14	3	4
54	Reproductive biology of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct phenotypes in Neotropical reservoirs during the WET event. <i>Marine and Freshwater Research</i> , <b>2019</b> , 70, 1465	2.2	8
53	Parabronchial remodeling in chicks in response to embryonic hypoxia. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	3
52	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> , <b>2019</b> , 138, 17-28	1	4
51	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> , <b>2019</b> , 50, 3589-3596	1.9	1
50	Seminal fluid production and sperm packaging in dromiid crabs (Brachyura, Podotremata). <i>Zoology</i> , <b>2019</b> , 132, 17-30	1.7	3
49	Sperm count of <i>Macrobrachium amazonicum</i> (Heller, 1862) populations with distinct life histories, with introduction of a simple counting method. <i>Aquaculture</i> , <b>2018</b> , 491, 368-374	4.4	8
48	Male reproductive system of the arrow crab <i>Stenorhynchus seticornis</i> (Inachoididae). <i>Invertebrate Biology</i> , <b>2018</b> , 137, 171-184	1	7
47	Checklist of decapods (Crustacea) from the coast of the S Paulo state (Brazil) supported by integrative molecular and morphological data: I. Infraorder Caridea: families Hippolytidae, Lysmatidae, Ogyrididae, Processidae and Thoridae. <i>Zootaxa</i> , <b>2018</b> , 4370, 76-94	0.5	12
46	Checklist of decapods (Crustacea) from the coast of S Paulo State (Brazil) supported by integrative molecular and morphological data: II. Infraorder Caridea: family Alpheidae. <i>Zootaxa</i> , <b>2018</b> , 4450, 331-358	0.5	14
45	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> , <b>2018</b> , 51, 227-249	1.1	6
44	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> , <b>2018</b> , 47, 627-642	1.8	3
43	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> , <b>2018</b> , 24, 392-399	1.5	5
42	Differences in sperm morphology in foam-nesting leptodactyline frogs (Anura, Leptodactylidae). <i>Acta Zoologica</i> , <b>2017</b> , 98, 1-12	0.8	5
41	Sperm ultrastructure of shrimps from the family Penaeidae (Crustacea: Dendrobranchiata) in a phylogenetic context. <i>Arthropod Structure and Development</i> , <b>2017</b> , 46, 588-600	1.8	11
40	Ultrastructure of spermatozoa of spider crabs, family Mithracidae (Crustacea, Decapoda, Brachyura): Integrative analyses based on morphological and molecular data. <i>Journal of Morphology</i> , <b>2017</b> , 278, 1628-1646	1.6	4

39	First record of intersexuality in the Amazon River shrimp <i>Macrobrachium amazonicum</i> (Heller, 1862) (Caridea: Palaemonidae). <i>Journal of Crustacean Biology</i> , <b>2017</b> , 37, 507-511	0.8	5
38	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> , <b>2017</b> , 269, 166-176	1.1	7
37	Morphology and ultrastructure of the adult ovarian cycle in Mithracidae (Crustacea, Decapoda, Brachyura, Majoidea). <i>Helgoland Marine Research</i> , <b>2017</b> , 71,	1.8	5
36	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> , <b>2016</b> , 60, 161-174	0.7	13
35	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> , <b>2016</b> , 135, 67-81	1	10
34	Host-parasite relationship during <i>Epistylis</i> sp. (Ciliophora: Epistylididae) infestation in farmed cichlid and pimelodid fish. <i>Pesquisa Agropecuaria Brasileira</i> , <b>2016</b> , 51, 520-526	1.8	3
33	Morphological analysis of the female reproductive system of <i>Stenorhynchus seticornis</i> (Brachyura: Inachoididae) and comparisons with other Majoidea. <i>Invertebrate Biology</i> , <b>2016</b> , 135, 75-86	1	13
32	Towards a standard measure of sea anemone size: assessing the accuracy and precision of morphological measures for cantilever-like animals. <i>Marine Ecology</i> , <b>2016</b> , 37, 1019-1026	1.4	4
31	Biological associations of color variation in the Indo-Pacific swimming crab <i>Charybdis hellerii</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2015</b> , 87, 219-32	1.4	1
30	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> , <b>2014</b> , 21, 6516-24 <sup>1</sup>	5.1	17
29	Male reproductive system of the red brocade hermit crab <i>Dardanus insignis</i> (Diogenidae) and its relationship to other family members. <i>Zoomorphology</i> , <b>2014</b> , 133, 127-137	1	3
28	Identification of two novel cytolytins from the hydrozoan <i>Olindias sambaquiensis</i> (Cnidaria). <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , <b>2014</b> , 20, 10	2.2	12
27	Morphological changes in the seminal receptacle during ovarian development in the speckled swimming crab <i>Arenaeus cribrarius</i> . <i>Biological Bulletin</i> , <b>2014</b> , 227, 19-32	1.5	18
26	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> , <b>2014</b> , 31, 329-336	2	5
25	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> , <b>2014</b> , 34, 704-716	0.8	13
24	Oogenesis in <i>Phragmatopoma</i> (Polychaeta: Sabellariidae): Evidence for morphological distinction among geographically remote populations. <i>Memoirs of Museum Victoria</i> , <b>2014</b> , 71, 53-65		6
23	The ovarian cycle histochemistry and its relationship with hepatopancreas weight in the blue crab <i>Callinectes danae</i> (Crustacea: Portunidae). <i>Acta Zoologica</i> , <b>2013</b> , 94, 134-146	0.8	22
22	Post-Embryonic Development in <i>Zaprionus indianus</i> (Diptera: Drosophilidae). <i>Annals of the Entomological Society of America</i> , <b>2013</b> , 106, 779-787	2	1

21	Development of the male reproductive system in <i>Callinectes ornatus</i> Ordway, 1863 (Brachyura: Portunidae). <i>Nauplius</i> , <b>2013</b> , 21, 161-177	1.3	19
20	Biologia populacional e reprodutiva do camarão sete-barbas na Baía de Santos, São Paulo. <i>Boletim Do Instituto De Pesca</i> , <b>2013</b> , 39, 283-297	1.5	13
19	Effects of tributyltin exposure in hermit crabs: <i>Clibanarius vittatus</i> as a model. <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 632-8	3.8	12
18	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> , <b>2012</b> , 424, 28-41	6.5	33
17	Reproductive migration and population dynamics of the blue crab <i>Callinectes danae</i> in an estuary in southeastern Brazil. <i>Marine Biology Research</i> , <b>2012</b> , 8, 354-362	1	14
16	Hermit crabs as bioindicators of recent tributyltin (TBT) contamination. <i>Ecological Indicators</i> , <b>2012</b> , 14, 184-188	5.8	12
15	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> , <b>2012</b> , 97, 173-84	1.7	39
14	Spermatogenesis, Spermatophore, and Seminal Fluid Production in the Adult Blue Crab <i>Callinectes danae</i> (Portunidae). <i>Journal of Crustacean Biology</i> , <b>2012</b> , 32, 249-262	0.8	40
13	The extract of the jellyfish <i>Phyllorhiza punctata</i> promotes neurotoxic effects. <i>Journal of Applied Toxicology</i> , <b>2011</b> , 31, 720-9	4.1	9
12	Simultaneous activity of male and female gonads in intersex hermit crabs. <i>Aquatic Biology</i> , <b>2010</b> , 10, 201-209	2	19
11	Antibacterial and antiparasitic effects of <i>Bothrops marajoensis</i> venom and its fractions: Phospholipase A2 and L-amino acid oxidase. <i>Toxicon</i> , <b>2010</b> , 55, 795-804	2.8	77
10	<i>Myzobdella platensis</i> (Hirundinida: Piscicolidae) is true parasite of blue crabs (Crustacea: Portunidae). <i>Journal of Parasitology</i> , <b>2009</b> , 95, 124-8	0.9	5
9	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> , <b>2007</b> , 14, 32-33		3
8	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> , <b>2007</b> , 87, 903-911	1.1	29
7	RANGE EXTENSION OF THE ARMY ANT <i>ECITON MEXICANUM</i> ROGER (FORMICIDAE: ECITONINI) IN THE PANTANAL SURROUND PLATEAU, BRAZIL. <i>Entomological News</i> , <b>2007</b> , 118, 211-212	0.4	
6	Toxin jararhagin in low doses induces interstitial edema and increases the metabolic rate and red blood cells in mice. <i>Toxicon</i> , <b>2006</b> , 48, 1060-7	2.8	4
5	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> , <b>2004</b> , 64, 725-35	1.5	11
4	Ultrastructure of last larval instar fat body cells of <i>Pachycondyla (= Neoponera) villosa</i> (Formicidae: Ponerinae): cytochemical and chemical analysis. <i>Animal Biology</i> , <b>2003</b> , 53, 1-16	0.7	3

3	Ultramorphology and histology of the larval salivary gland of <i>Pachycondyla villosa</i> (Fabricius) (Hymenoptera: Formicidae, Ponerinae). <i>Neotropical Entomology</i> , <b>2003</b> , 32, 59-68	1.2	9
2	Ultrastructure of the Salivary Glands of <i>Pachycondyla</i> (= <i>Neoponera</i> ) <i>villosa</i> (Fabricius)(Formicidae: Ponerinae): Functional Changes during the Last Larval Instar.. <i>Cytologia</i> , <b>2002</b> , 67, 267-280	0.9	8
1	The Origin of Lipid Droplets in the Post-pharyngeal Gland of <i>Dinoponera australis</i> (Formicidae: Ponerinae).. <i>Cytologia</i> , <b>2002</b> , 67, 301-308	0.9	14