

Paulo J Fonseca

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,655
citations

304743

22
h-index

361022

35
g-index

84
all docs

84
docs citations

84
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Voice-mediated interactions in a megaherbivore. <i>Current Biology</i> , 2022, 32, R70-R71.	3.9	2
2	Noise-induced hearing loss correlates with inner ear hair cell decrease in larval zebrafish. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	9
3	Boat noise impacts Lusitanian toadfish breeding males and reproductive outcome. <i>Science of the Total Environment</i> , 2022, 830, 154735.	8.0	19
4	Behavioral responses of rural and urban greater white-toothed shrews (<i>Crocidura russula</i>) to sound disturbance. <i>Urban Ecosystems</i> , 2021, 24, 851-862.	2.4	3
5	Trends in cetacean research in the Eastern North Atlantic. <i>Mammal Review</i> , 2021, 51, 436-453.	4.8	6
6	Boat noise interferes with Lusitanian toadfish acoustic communication. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	13
7	Vocal rhythms in nesting Lusitanian toadfish, <i>Halobatrachus didactylus</i> . <i>Ecological Informatics</i> , 2021, 63, 101281.	5.2	11
8	Boat noise affects meagre (<i>Argyrosomus regius</i>) hearing and vocal behaviour. <i>Marine Pollution Bulletin</i> , 2021, 172, 112824.	5.0	19
9	Fish sounds and boat noise are prominent soundscape contributors in an urban European estuary. <i>Marine Pollution Bulletin</i> , 2021, 172, 112845.	5.0	18
10	Noise-induced reduction in the attack rate of a planktivorous freshwater fish revealed by functional response analysis. <i>Freshwater Biology</i> , 2020, 65, 75-85.	2.4	19
11	Underwater noise recognition of marine vessels passages: two case studies using hidden Markov models. <i>ICES Journal of Marine Science</i> , 2020, 77, 2157-2170.	2.5	12
12	Temporal dynamics in diversity patterns of fish sound production in the Condor seamount (Azores, NE) Tj ETQq0 0.0.rgBT /Overlock 10	1.4	9
13	Noise-induced hearing loss in zebrafish: investigating structural and functional inner ear damage and recovery. <i>Hearing Research</i> , 2020, 391, 107952.	2.0	34
14	The Use of Soundscapes to Monitor Fish Communities: Meaningful Graphical Representations Differ with Acoustic Environment. <i>Acoustics</i> , 2020, 2, 382-398.	1.4	7
15	Sound production in the Meagre, <i>Argyrosomus regius</i> (Asso, 1801): intraspecific variability associated with size, sex and context. <i>PeerJ</i> , 2020, 8, e8559.	2.0	14
16	Vocal repertoire and consistency of call features in the meagre <i>Argyrosomus regius</i> (Asso, 1801). <i>PLoS ONE</i> , 2020, 15, e0241792.	2.5	4
17	Acoustic barriers as an acoustic deterrent for native potamodromous migratory fish species. <i>Journal of Fish Biology</i> , 2019, 95, 247-255.	1.6	13
18	Seasonal Variation of Captive Meagre Acoustic Signalling: A Manual and Automatic Recognition Approach.. <i>Fishes</i> , 2019, 4, 28.	1.7	23

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19	The effect of boat noise on calling activity in the Lusitanian Toadfish. Proceedings of Meetings on Acoustics, 2019, , .	0.3	0
20	Assessment of fighting ability in the vocal cichlid <i>Metriaclima zebra</i> in face of incongruent audiovisual information. Biology Open, 2019, 8, .	1.2	7
21	Characterization of the acoustic community of vocal fishes in the Azores. PeerJ, 2019, 7, e7772.	2.0	19
22	Noise can affect acoustic communication and subsequent spawning success in fish. Environmental Pollution, 2018, 237, 814-823.	7.5	76
23	Noise Affects Multimodal Communication During Courtship in a Marine Fish. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	35
24	Acoustic communication in marine shallow waters: testing the acoustic adaptive hypothesis in sand gobies. Journal of Experimental Biology, 2018, 221, .	1.7	15
25	Acoustic Complexity of vocal fish communities: a field and controlled validation. Scientific Reports, 2018, 8, 10559.	3.3	34
26	Computer-manipulated stimuli as a research tool in Mozambique tilapia <i>Oreochromis mossambicus</i> . Acta Ethologica, 2017, 20, 85-94.	0.9	6
27	Sound production mechanism in <i>Pomatoschistus pictus</i> . Journal of Experimental Biology, 2017, 220, 4374-4376.	1.7	7
28	Appraisal of unimodal cues during agonistic interactions in <i>Maylandia zebra</i> . PeerJ, 2017, 5, e3643.	2.0	13
29	Noise affects acoustic courtship behavior similarly in two species of gobies. Proceedings of Meetings on Acoustics, 2016, , .	0.3	11
30	Boat noise reduces acoustic active space in the lusitanian toadfish <i>Halobatrachus didactylus</i> . Proceedings of Meetings on Acoustics, 2016, , .	0.3	4
31	Optical micro-tomography allows the study of large toadfish <i>Halobatrachus didactylus</i> embryos and larvae. Mechanisms of Development, 2016, 140, 19-24.	1.7	8
32	Reproductive success in the Lusitanian toadfish: Influence of calling activity, male quality and experimental design. Physiology and Behavior, 2016, 155, 17-24.	2.1	20
33	Assessing acoustic communication active space in the Lusitanian toadfish. Journal of Experimental Biology, 2016, 219, 1122-9.	1.7	20
34	Call recognition and individual identification of fish vocalizations based on automatic speech recognition: An example with the Lusitanian toadfish. Journal of the Acoustical Society of America, 2015, 138, 3941-3950.	1.1	34
35	Development and characterization of novel microsatellite loci for Lusitanian toadfish, <i>Halobatrachus didactylus</i> . PeerJ, 2015, 3, e731.	2.0	5
36	How effective are acoustic signals in territorial defence in the Lusitanian toadfish?. Journal of Experimental Biology, 2015, 218, 893-8.	1.7	12

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37	Fish Sounds and Mate Choice. <i>Animal Signals and Communication</i> , 2015, , 1-33.	0.8	50
38	Agonistic sounds signal male quality in the Lusitanian toadfish. <i>Physiology and Behavior</i> , 2015, 149, 192-198.	2.1	6
39	Vocal differentiation parallels development of auditory saccular sensitivity in a highly soniferous fish. <i>Journal of Experimental Biology</i> , 2015, 218, 2864-2872.	1.7	14
40	Effects of temperature on sound production in the painted goby <i>Pomatoschistus pictus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 473, 1-6.	1.5	15
41	The Role of Agonistic Sounds in Male Nest Defence in the Painted Goby <i>Pomatoschistus pictus</i> . <i>Ethology</i> , 2014, 120, 53-63.	1.1	12
42	Reproductive success in the Lusitanian toadfish <i>Halobatrachus didactylus</i> : Influence of male and nest sizes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 456, 65-69.	1.5	7
43	Mate preference in the painted goby: the influence of visual and acoustic courtship signals. <i>Journal of Experimental Biology</i> , 2013, 216, 3996-4004.	1.7	17
44	Painted gobies sing their quality out loud: acoustic rather than visual signals advertise male quality and contribute to mating success. <i>Functional Ecology</i> , 2013, 27, 289-298.	3.6	56
45	Differential investment in acoustic communication during social interactions in two closely-related sand goby species. <i>Behaviour</i> , 2013, 150, 133-152.	0.8	9
46	Courtship Sounds Advertise Species Identity and Male Quality in Sympatric <i>Pomatoschistus</i> spp. Gobies. <i>PLoS ONE</i> , 2013, 8, e64620.	2.5	39
47	Vocal behavior predicts reproductive success in a teleost fish. <i>Behavioral Ecology</i> , 2012, 23, 375-383.	2.2	67
48	A new concept in underwater high fidelity low frequency sound generation. <i>Review of Scientific Instruments</i> , 2012, 83, 055007.	1.3	12
49	Alloparental behavior in the highly vocal Lusitanian toadfish. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 434-435, 58-62.	1.5	5
50	Chorusing Behaviour in the Lusitanian Toadfish: Should I Match My Neighbours' Calling Rate?. <i>Ethology</i> , 2012, 118, 885-895.	1.1	20
51	Hearing Sensitivity of the Painted Goby, <i>Pomatoschistus pictus</i> . <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 109-111.	1.6	4
52	Acoustic Communication in <i>Pomatoschistus</i> spp.: A Comparison Between Closely Related Species. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 113-115.	1.6	2
53	Propagation of Lusitanian Toadfish Sounds in Estuarine Shallow Waters. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 173-175.	1.6	2
54	Auditory saccular sensitivity of the vocal Lusitanian toadfish: low frequency tuning allows acoustic communication throughout the year. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 903-913.	1.6	26

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55	Stereotypy and variation of the mating call in the Lusitanian toadfish, <i>Halobatrachus didactylus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 707-716.	1.4	35
56	Representation of complex vocalizations in the Lusitanian toadfish auditory system: evidence of fine temporal, frequency and amplitude discrimination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 826-834.	2.6	27
57	Patterns of shelter usage and social aggregation by the vocal Lusitanian toadfish. <i>Marine Biology</i> , 2010, 157, 495-503.	1.5	16
58	Vocal Behavior During Territorial Intrusions in the Lusitanian Toadfish: Boatwhistles Also Function as Territorial "Keep-Out" Signals. <i>Ethology</i> , 2010, 116, 155-165.	1.1	45
59	<i>Conus pennaceus</i> : a phylogenetic analysis of the Mozambican molluscan complex. <i>African Journal of Marine Science</i> , 2010, 32, 591-599.	1.1	5
60	Lusitanian toadfish song reflects male quality. <i>Journal of Experimental Biology</i> , 2010, 213, 2997-3004.	1.7	69
61	Species differences in courtship acoustic signals among five Lake Malawi cichlid species (<i>Pseudotropheus</i> spp.). <i>Journal of Fish Biology</i> , 2008, 72, 1355-1368.	1.6	95
62	African cichlid <i>Pseudotropheus</i> spp. males moan to females during foreplay. <i>Journal of Fish Biology</i> , 2008, 72, 2689-2694.	1.6	13
63	Acoustic communication in the Lusitanian toadfish, <i>Halobatrachus didactylus</i> : evidence for an unusual large vocal repertoire. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1069-1073.	0.8	33
64	THE EVOLUTION OF CICADA SONGS CONTRASTED WITH THE RELATIONSHIPS INFERRED FROM MITOCHONDRIAL DNA (INSECTA, HEMIPTERA). <i>Bioacoustics</i> , 2008, 18, 17-34.	1.7	10
65	Courtship and agonistic sounds by the cichlid fish <i>Pseudotropheus zebra</i> . <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1332-1338.	1.1	55
66	Effects of temperature on tuning of the auditory pathway in the cicada <i>Tettigetta josei</i> (Hemiptera). <i>Journal of Experimental Biology</i> , 2007, 210, 107-115.	1.7	23
67	Directional characteristics of the auditory system of cicadas: is the sound producing tymbal an integral part of directional hearing?. <i>Physiological Entomology</i> , 2004, 29, 400-408.	1.5	9
68	Sound production during courtship and spawning of <i>Oreochromis mossambicus</i> : male-female and male-male interactions. <i>Journal of Fish Biology</i> , 2003, 62, 658-672.	1.6	85
69	New Stridulatory Structures in a Tiger Beetle (Coleoptera: Carabidae: Cicindelinae): Morphology and Sound Characterization. <i>The Coleopterists Bulletin</i> , 2003, 57, 161-166.	0.2	8
70	Temperature dependence of cicada songs (Homoptera, Cicadoidea). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2002, 187, 971-976.	1.6	37
71	How cicadas interpret acoustic signals. <i>Nature</i> , 2000, 405, 297-298.	27.8	57
72	Spherical sound radiation patterns of singing grass cicadas, <i>Tympanistalna gastrica</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2000, 186, 163-168.	1.6	12

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73	Directionality of the tympanal vibrations in a cicada: a biophysical analysis. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1997, 180, 417-427.	1.6	16
74	SOUND PRODUCTION IN CICADAS: TIMBAL MUSCLE ACTIVITY DURING CALLING SONG AND PROTEST SONG. <i>Bioacoustics</i> , 1996, 7, 13-31.	1.7	17
75	Sound radiation in a cicada: the role of different structures. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1994, 175, 349.	1.6	28
76	Directional hearing of a cicada: biophysical aspects. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1993, 172, 767.	1.6	14
77	Feeding ecology and life-history strategy of nesting males in a fish with long parental care, Lusitanian toadfish (<i>Halobatrachus didactylus</i> , <i>Batrachoididae</i>). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 0, , 1-9.	0.8	3
78	Singing and Dancing Fish: Females Pay More Attention to Males'™ Dance Moves When It Is Noisy. <i>Frontiers for Young Minds</i> , 0, 7, .	0.8	1