

Marco Lugli

List of Publications by Year in descending order

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32
papers

886
citations

471509

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477307

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all docs

32
docs citations

32
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	How ambient noise may shape peripheral auditory sensitivity: a theoretical model on the trade-off between signal detection and recognition. <i>Evolutionary Ecology</i> , 2019, 33, 173-194.	1.2	3
2	Convergent Aspects of Acoustic Communication in Darters, Sculpins, and Gobies. <i>Advances in Experimental Medicine and Biology</i> , 2016, 877, 93-120.	1.6	13
3	The tradeoff between signal detection and recognition rules auditory sensitivity under variable background noise conditions. <i>Journal of Theoretical Biology</i> , 2015, 386, 1-6.	1.7	7
4	Acoustics of fish shelters: Background noise and signal-to-noise ratio. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 3382-3388.	1.1	3
5	Sound production in <i>Onuxodon fowleri</i> (Carapidae) and its amplification by the host shell. <i>Journal of Experimental Biology</i> , 2014, 217, 4283-4294.	1.7	15
6	Sand pile above the nest amplifies the sound emitted by the male sand goby. <i>Environmental Biology of Fishes</i> , 2013, 96, 1003-1012.	1.0	16
7	Acoustics of fish shelters: Frequency response and gain properties. <i>Journal of the Acoustical Society of America</i> , 2012, 132, 3512-3524.	1.1	12
8	Optimal Auditory Sensitivity Under Variable Background Noise Conditions: A Theoretical Model. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 99-100.	1.6	0
9	Sounds of shallow water fishes pitch within the quiet window of the habitat ambient noise. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2010, 196, 439-451.	1.6	34
10	The windowed sound therapy: a new empirical approach for an effective personalized treatment of tinnitus. <i>International Tinnitus Journal</i> , 2009, 15, 51-61.	0.2	8
11	The nest-holding grass goby (<i>Zosterisessor ophiocephalus</i>) male adjusts the spawning activity in relation to parasitic nest intrusions. <i>Environmental Biology of Fishes</i> , 2008, 82, 279-287.	1.0	2
12	ROLE OF AMBIENT NOISE AS A SELECTIVE FACTOR FOR FREQUENCIES USED IN FISH ACOUSTIC COMMUNICATION. <i>Bioacoustics</i> , 2008, 17, 40-42.	1.7	3
13	Stream ambient noise, spectrum and propagation of sounds in the goby <i>Padogobius martensii</i> : Sound pressure and particle velocity. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 2881-2892.	1.1	48
14	The response of the male freshwater goby to natural and synthetic male courtship sound playback following exposure to different female sexual stimuli. <i>Ethology Ecology and Evolution</i> , 2004, 16, 55-70.	1.4	20
15	Male Courtship Sounds in a Teleost with Alternative Reproductive Tactics, the Grass Goby, <i>Zosterisessor ophiocephalus</i> . <i>Environmental Biology of Fishes</i> , 2003, 66, 231-236.	1.0	32
16	Acoustic communication in two freshwater gobies: the relationship between ambient noise, hearing thresholds and sound spectrum. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2003, 189, 309-320.	1.6	105
17	Acoustic communication in two freshwater gobies: Ambient noise and short-range propagation in shallow streams. <i>Journal of the Acoustical Society of America</i> , 2003, 114, 512-521.	1.1	83
18	A Quantitative Analysis of the Courtship Acoustic Behaviour and Sound Patterning in Male Sand Goby, <i>Pomatoschistus minutus</i> . <i>Environmental Biology of Fishes</i> , 2000, 58, 411-424.	1.0	65

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19	Prespawning sound production in mediterranean sand-gobies. Journal of Fish Biology, 1999, 54, 691-694.	1.6	48
20	Prespawning sound production in mediterranean sand-gobies. Journal of Fish Biology, 1999, 54, 691-694.	1.6	1
21	Sound production during courtship and spawning among freshwater gobiids (pisces, gobiidae). Marine and Freshwater Behaviour and Physiology, 1997, 29, 109-126.	0.9	62
22	Response of Male Goby, <i>Padogobius Martensii</i> , To Aggressive Sound Playback Following Pre-Experimental Visual Stimulation. Behaviour, 1997, 134, 1175-1188.	0.8	21
23	Breeding sounds of male <i>Padogobius nigricans</i> with suggestions for further evolutionary study of vocal behaviour in gobioid fishes. Journal of Fish Biology, 1996, 49, 648-657.	1.6	38
24	The importance of breeding vocalizations for mate attraction in a freshwater goby with a composite sound repertoire. Ethology Ecology and Evolution, 1996, 8, 343-351.	1.4	29
25	Breeding sounds of male <i>Padogobius nigricans</i> with suggestions for further evolutionary study of vocal behaviour in gobioid fishes. Journal of Fish Biology, 1996, 49, 648-657.	1.6	31
26	Spawning vocalizations in male freshwater gobiids (Pisces, Gobiidae). Environmental Biology of Fishes, 1995, 43, 219-231.	1.0	61
27	The importance of male-male competition and sexually selected dimorphic traits for male reproductive success in site-attached fishes with paternal care: The case of the freshwater goby <i>Padogobius martensi</i> . Marine and Freshwater Behaviour and Physiology, 1993, 23, 231-256.	0.9	7
28	Reproductive success of the male <i>Padogobius martensi</i> at two breeding sites. Ethology Ecology and Evolution, 1993, 5, 398-398.	1.4	0
29	Breeding ecology and male spawning success in two hill-stream populations of the freshwater goby, <i>Padogobius martensi</i> . Environmental Biology of Fishes, 1992, 35, 37-48.	1.0	41
30	The significance of sounds produced by courting male of the freshwater goby <i>Padogobius martensi</i> (Pisces Gobiidae). Ethology Ecology and Evolution, 1990, 2, 329-330.	1.4	0
31	ANALYSIS OF SOUNDS PRODUCED BY MALE <i>PADOGOBIUS MARTENSI</i> (PISCES, GOBIIDAE) AND FACTORS AFFECTING THEIR STRUCTURAL PROPERTIES. Bioacoustics, 1990, 2, 261-275.	1.7	53
32	A quantitative analysis of the occurrence of visual and acoustic displays during the courtship in the freshwater goby, <i>Padogobius martensi</i> (Günther, 1961) (Pisces, Gobiidae). Bollettino Di Zoologia, 1986, 53, 85-89.	0.3	25