Marco Lugli

List of Publications by Year in descending order

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32 papers	886 citations	471509 17 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	361 citing authors

#	Article	IF	Citations
1	Acoustic communication in two freshwater gobies: the relationship between ambient noise, hearing thresholds and sound spectrum. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2003, 189, 309-320.	1.6	105
2	Acoustic communication in two freshwater gobies: Ambient noise and short-range propagation in shallow streams. Journal of the Acoustical Society of America, 2003, 114, 512-521.	1.1	83
3	A Quantitative Analysis of the Courtship Acoustic Behaviour and Sound Patterning in Male Sand Goby, Pomatoschistus minutus. Environmental Biology of Fishes, 2000, 58, 411-424.	1.0	65
4	Sound production during courtship and spawning among freshwater gobiids (pisces, gobiidae). Marine and Freshwater Behaviour and Physiology, 1997, 29, 109-126.	0.9	62
5	Spawning vocalizations in male freshwater gobiids (Pisces, Gobiidae). Environmental Biology of Fishes, 1995, 43, 219-231.	1.0	61
6	ANALYSIS OF SOUNDS PRODUCED BY MALEPADOGOBIUS MARTENSI(PISCES, GOBIIDAE) AND FACTORS AFFECTING THEIR STRUCTURAL PROPERTIES. Bioacoustics, 1990, 2, 261-275.	1.7	53
7	Prespawning sound production in mediterranean sand-gobies. Journal of Fish Biology, 1999, 54, 691-694.	1.6	48
8	Stream ambient noise, spectrum and propagation of sounds in the goby Padogobius martensii: Sound pressure and particle velocity. Journal of the Acoustical Society of America, 2007, 122, 2881-2892.	1.1	48
9	Breeding ecology and male spawning success in two hill-stream populations of the freshwater goby,Padogobius martensi. Environmental Biology of Fishes, 1992, 35, 37-48.	1.0	41
10	Breeding sounds of male Padogobius nigricans with suggestions for further evolutionary study of vocal behaviour in gobioid fishes. Journal of Fish Biology, 1996, 49, 648-657.	1.6	38
11	Sounds of shallow water fishes pitch within the quiet window of the habitat ambient noise. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 439-451.	1.6	34
12	Male Courtship Sounds in a Teleost with Alternative Reproductive Tactics, the Grass Goby, Zosterisessor ophiocephalus. Environmental Biology of Fishes, 2003, 66, 231-236.	1.0	32
13	Breeding sounds of malePadogobius nigricanswith suggestions for further evolutionary study of vocal behaviour in gobioid fishes. Journal of Fish Biology, 1996, 49, 648-657.	1.6	31
14	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
15	A quantitative analysis of the occurrence of visual and acoustic displays during the courtship in the freshwater goby, Padogobius martensi (GÃ¼nther, 1961) (Pisces, Gobiidae). Bollettino Di Zoologia, 1986, 53, 85-89.	0.3	25
16	Response of Male Goby, Padogobius Martensii, To Aggressive Sound Playback Following Pre-Experimental Visual Stimulation. Behaviour, 1997, 134, 1175-1188.	0.8	21
17	The response of the male freshwater goby to natural and synthetic male courtship sound playback following exposure to different female sexual stimuli. Ethology Ecology and Evolution, 2004, 16, 55-70.	1.4	20
18	Sand pile above the nest amplifies the sound emitted by the male sand goby. Environmental Biology of Fishes, 2013, 96, 1003-1012.	1.0	16

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19	Sound production inOnuxodon fowleri(Carapidae) and its amplification by the host shell. Journal of Experimental Biology, 2014, 217, 4283-4294.	1.7	15
20	Convergent Aspects of Acoustic Communication in Darters, Sculpins, and Gobies. Advances in Experimental Medicine and Biology, 2016, 877, 93-120.	1.6	13
21	Acoustics of fish shelters: Frequency response and gain properties. Journal of the Acoustical Society of America, 2012, 132, 3512-3524.	1.1	12
22	The windowed sound therapy: a new empirical approach for an effectiv personalized treatment of tinnitus. International Tinnitus Journal, 2009, 15, 51-61.	0.2	8
23	The importance of maleâ€male competition and sexually selected dimorphic traits for male reproductive success in siteâ€attached fishes with paternal care: The case of the freshwater gobyPadogobius martensi. Marine and Freshwater Behaviour and Physiology, 1993, 23, 231-256.	0.9	7
24	The tradeoff between signal detection and recognition rules auditory sensitivity under variable background noise conditions. Journal of Theoretical Biology, 2015, 386, 1-6.	1.7	7
25	ROLE OF AMBIENT NOISE AS A SELECTIVE FACTOR FOR FREQUENCIES USED IN FISH ACOUSTIC COMMUNICATION. Bioacoustics, 2008, 17, 40-42.	1.7	3
26	Acoustics of fish shelters: Background noise and signal-to-noise ratio. Journal of the Acoustical Society of America, 2014, 136, 3382-3388.	1.1	3
27	How ambient noise may shape peripheral auditory sensitivity: a theoretical model on the trade-off between signal detection and recognition. Evolutionary Ecology, 2019, 33, 173-194.	1.2	3
28	The nest-holding grass goby (Zosterisessor ophiocephalus) male adjusts the spawning activity in relation to parasitic nest intrusions. Environmental Biology of Fishes, 2008, 82, 279-287.	1.0	2
29	Prespawning sound production in mediterranean sand-gobies. Journal of Fish Biology, 1999, 54, 691-694.	1.6	1
30	The significance of sounds produced by courting male of the freshwater gobyPadogobius martensi(Pisces Gobiidae). Ethology Ecology and Evolution, 1990, 2, 329-330.	1.4	0
31	Reproductive success of the male Padogobius martensi at two breeding sites. Ethology Ecology and Evolution, 1993, 5, 398-398.	1.4	0
32	Optimal Auditory Sensitivity Under Variable Background Noise Conditions: A Theoretical Model. Advances in Experimental Medicine and Biology, 2012, 730, 99-100.	1.6	0