Arne Lehmann

List of Publications by Year
in descending order

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Version: 2024-02-01

30 papers	637 citations	430874 18 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	511 citing authors

#	Article	IF	Citations
1	Correlated sexual selection on male genitalia, copulatory performance and nuptial gifts in a bushcricket (Orthoptera: Tettigoniidae) indicated by allometric scaling. Biological Journal of the Linnean Society, 2021, 133, 1043-1056.	1.6	0
2	Protein analysis of the spermatophore reveals diverse compositions in both the ampulla and the spermatophylax in a bushcricket. Physiological Entomology, 2018, 43, 1-9.	1.5	12
3	Seasonal differences in body mass and circulating metabolites in a wingâ€dimorphic pygmy grasshopper: implications for life history?. Ecological Entomology, 2018, 43, 675-682.	2.2	4
4	Multiple origin of flightlessness in Phaneropterinae bushcrickets and redefinition of the tribus Odonturini (Orthoptera: Tettigonioidea: Phaneropteridae). Organisms Diversity and Evolution, 2018, 18, 327-339.	1.6	8
5	Male genital titillators and the intensity of post-copulatory sexual selection across bushcrickets. Behavioral Ecology, 2017, 28, 1198-1205.	2.2	5
6	<scp>DNA</scp> barcoding of crickets, katydids and grasshoppers (Orthoptera) from Central Europe with focus on Austria, Germany and Switzerland. Molecular Ecology Resources, 2017, 17, 1037-1053.	4.8	55
7	The importance of validated alpha taxonomy for phylogenetic and DNA barcoding studies: a comment on species identification of pygmy grasshoppers (Orthoptera, Tetrigidae). ZooKeys, 2017, 679, 139-144.	1.1	17
8	Material benefit of mating: the bushcricket spermatophylax as a fast uptake nuptial gift. Animal Behaviour, 2016, 112, 267-271.	1.9	12
9	Copulatory courtship by bushcricket genital titillators revealed by functional morphology, Î¼CT scanning for 3D reconstruction and female sense structures. Arthropod Structure and Development, 2015, 44, 388-397.	1.4	29
10	Life-history trade-off between macroptery and reproduction in the wing-dimorphic pygmy grasshopperTetrix subulata(Orthoptera Tetrigidae). Ethology Ecology and Evolution, 2015, 27, 93-100.	1.4	24
11	Sensory evolution of hearing in tettigoniids with differing communication systems. Journal of Evolutionary Biology, 2014, 27, 200-213.	1.7	28
12	Baseline data for automated acoustic monitoring of Orthoptera in a Mediterranean landscape, the Hymettos, Greece. Journal of Insect Conservation, 2014, 18, 909-925.	1.4	25
13	Chromosomal diversification in the flightless Western Mediterranean bushcricket genusOdontura(Orthoptera: Tettigoniidae: Phaneropterinae) inferred from molecular data. Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 109-118.	1.4	8
14	Molecular and classical chromosomal techniques reveal diversity in bushcricket genera of Barbitistini (Orthoptera). Genome, 2013, 56, 667-676.	2.0	21
15	Morphological variation and sex-biased frequency of wing dimorphism in the pygmy grasshopper Tetrix subulata (Orthoptera: Tetrigidae). European Journal of Entomology, 2013, 110, 535-540.	1.2	12
16	Spatial organization of tettigoniid auditory receptors: Insights from neuronal tracing. Journal of Morphology, 2012, 273, 1280-1290.	1.2	27
17	Increased copulation duration before ejaculate transfer is associated with larger spermatophores, and male genital titillators, across bushcricket taxa. Journal of Evolutionary Biology, 2011, 24, 1960-1968.	1.7	25
18	Thelytokous parthenogenesis and the heterogeneous decay of mating behaviours in a bushcricket (Orthopterida). Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 102-109.	1.4	24

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19	Changes in the numbers of chromosomes and sex determination system in bushcrickets of the genus Odontura (Orthoptera: Tettigoniidae: Phaneropterinae). European Journal of Entomology, 2011, 108, 183-195.	1.2	25
20	The auditory system of non-calling grasshoppers (Melanoplinae: Podismini) and the evolutionary regression of their tympanal ears. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 807-816.	1.6	13
21	Lifetime spermatophore investment in natural populations of two closely related bush-cricket species (Orthoptera: Tettigoniidae: Poecilimon). Behaviour, 2010, 147, 285-298.	0.8	11
22	Condition-dependent spermatophore size is correlated with male's age in a bushcricket (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	28
23	Bushcricket song as a clue for spermatophore size?. Behavioral Ecology and Sociobiology, 2008, 62, 569-578.	1.4	42
24	Variation in body size among populations of the bushcricket Poecilimon thessalicus (Orthoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	30
25	Understanding nuptial gift size in bush-crickets: an analysis of the genus Poecilimon (Tettigoniidae:) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	27
26	Sex Differences in â€œTime Outâ€•from Reproductive Activity and Sexual Selection in Male Bushcrickets (Orthoptera: Zaprochilinae: Kawanaphila mirla). Journal of Insect Behavior, 2007, 20, 215-227.	0.7	13
27	Potential lifetime reproductive success of male bushcrickets parasitized by a phonotactic fly. Animal Behaviour, 2006, 71, 1103-1110.	1.9	22
28	Bevorzugung von Laubheuschrecken-MÃnnchen durch parasitoide Raupenfliegen bei hÃ¶herer akustischer Anziehungskraft fÃ¼r arteigene Weibchen (Orthoptera: Phanopteridae 1 Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 37	3.1	26
29	Female bushcrickets mated with parasitized males show rapid remating and reduced fecundity (Orthoptera: Phaneropteridae: Poecilimon mariannae). Die Naturwissenschaften, 2000, 87, 404-407.	1.6	19
30	Spermatophore characteristics in bushcrickets vary with parasitism and remating interval. Behavioral Ecology and Sociobiology, 2000, 47, 393-399.	1.4	43