

Luisa Orsini

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,639
citations

218662

26
h-index

197805

49
g-index

53
all docs

53
docs citations

53
times ranked

3899
citing authors

#	ARTICLE	IF	CITATIONS
1	The Time Machine framework: monitoring and prediction of biodiversity loss. Trends in Ecology and Evolution, 2022, 37, 138-146.	8.7	13
2	Historical exposure to chemicals reduces tolerance to novel chemical stress in <i>Daphnia</i> (waterflea). Molecular Ecology, 2022, 31, 3098-3111.	3.9	12
3	Protocol for assay of transposase accessible chromatin sequencing in non-model species. STAR Protocols, 2021, 2, 100341.	1.2	6
4	Evolutionary mechanisms underpinning fitness response to multiple stressors in <i>Daphnia</i> . Evolutionary Applications, 2021, 14, 2457-2469.	3.1	12
5	Extensive standing genetic variation from a small number of founders enables rapid adaptation in <i>Daphnia</i> . Nature Communications, 2021, 12, 4306.	12.8	27
6	Roundup causes embryonic development failure and alters metabolic pathways and gut microbiota functionality in non-target species. Microbiome, 2020, 8, 170.	11.1	27
7	Adaptive responses along a depth and a latitudinal gradient in the endemic seagrass <i>Posidonia oceanica</i> . Heredity, 2019, 122, 233-243.	2.6	18
8	Transgenerational response to early spring warming in <i>Daphnia</i> . Scientific Reports, 2019, 9, 4449.	3.3	21
9	Remasking of <i>Candida albicans</i> β -Glucan in Response to Environmental pH Is Regulated by Quorum Sensing. MBio, 2019, 10, .	4.1	37
10	Spatial and temporal variation in river corridor exchange across a 5th-order mountain stream network. Hydrology and Earth System Sciences, 2019, 23, 5199-5225.	4.9	23
11	Co-located contemporaneous mapping of morphological, hydrological, chemical, and biological conditions in a 5th-order mountain stream network, Oregon, USA. Earth System Science Data, 2019, 11, 1567-1581.	9.9	14
12	Resurrection of Dormant <i>Daphnia magna</i> : Protocol and Applications. Journal of Visualized Experiments, 2018, , .	0.3	8
13	Early transcriptional response pathways in <i>Daphnia magna</i> are coordinated in networks of crustacean-specific genes. Molecular Ecology, 2018, 27, 886-897.	3.9	38
14	Haemoglobin-mediated response to hyperthermal stress in the keystone species <i>Daphnia magna</i> . Evolutionary Applications, 2018, 11, 112-120.	3.1	26
15	Founder effects determine the genetic structure of the water flea <i>Daphnia</i> in Ethiopian reservoirs. Limnology and Oceanography, 2018, 63, 915-926.	3.1	11
16	Predictability of the impact of multiple stressors on the keystone species <i>Daphnia</i> . Scientific Reports, 2018, 8, 17572.	3.3	32
17	Evolution of thermal tolerance in multifarious environments. Molecular Ecology, 2018, 27, 4529-4541.	3.9	26
18	Cracking the Code of Biodiversity Responses to Past Climate Change. Trends in Ecology and Evolution, 2018, 33, 765-776.	8.7	119

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19	Thermal tolerance in the keystone species <i>Daphnia magna</i> a candidate gene and an outlier analysis approach. <i>Molecular Ecology</i> , 2017, 26, 2291-2305.	3.9	28
20	Bisulfite Sequencing with <i>Daphnia</i> Highlights a Role for Epigenetics in Regulating Stress Response to <i>Microcystis</i> through Preferential Differential Methylation of Serine and Threonine Amino Acids. <i>Environmental Science & Technology</i> , 2017, 51, 924-931.	10.0	57
21	Conserved Transcription Factors Steer Growth-Related Genomic Programs in <i>Daphnia</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1821-1842.	2.5	13
22	Temporal genetic stability in natural populations of the waterflea <i>Daphnia magna</i> in response to strong selection pressure. <i>Molecular Ecology</i> , 2016, 25, 6024-6038.	3.9	35
23	<i>Daphnia magna</i> transcriptome by RNA-Seq across 12 environmental stressors. <i>Scientific Data</i> , 2016, 3, 160030.	5.3	89
24	Transcriptome characterisation and simple sequence repeat marker discovery in the seagrass <i>Posidonia oceanica</i> . <i>Scientific Data</i> , 2016, 3, 160115.	5.3	13
25	Rare interspecific breeding in <i>Pseudo-nitzschia</i> (Bacillariophyceae). <i>Phytotaxa</i> , 2015, 217, 145.	0.3	11
26	Drivers of population genetic differentiation in the wild: isolation by dispersal limitation, isolation by adaptation and isolation by colonization. <i>Molecular Ecology</i> , 2013, 22, 5983-5999.	3.9	398
27	Evolutionary Ecological Genomics. <i>Molecular Ecology</i> , 2013, 22, 527-531.	3.9	24
28	The evolutionary time machine: using dormant propagules to forecast how populations can adapt to changing environments. <i>Trends in Ecology and Evolution</i> , 2013, 28, 274-282.	8.7	123
29	The role of selection in driving landscape genomic structure of the waterflea <i>Daphnia magna</i> . <i>Molecular Ecology</i> , 2013, 22, 583-601.	3.9	74
30	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2012–31 January 2013. <i>Molecular Ecology Resources</i> , 2013, 13, 546-549.	4.8	36
31	Genomic signature of natural and anthropogenic stress in wild populations of the waterflea <i>Daphnia magna</i> : validation in space, time and experimental evolution. <i>Molecular Ecology</i> , 2012, 21, 2160-2175.	3.9	97
32	Single nucleotide polymorphism discovery from expressed sequence tags in the waterflea <i>Daphnia magna</i> . <i>BMC Genomics</i> , 2011, 12, 309.	2.8	18
33	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. <i>Molecular Ecology Resources</i> , 2011, 11, 418-421.	4.8	43
34	Thermal Genetic Adaptation in the Water Flea <i>Daphnia</i> and its Impact: An Evolving Metacommunity Approach. <i>Integrative and Comparative Biology</i> , 2011, 51, 703-718.	2.0	39
35	Three parallel radiations of <i>Canthonini</i> dung beetles in Madagascar. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 710-727.	2.7	33
36	Fitness differences associated with <i>Pgi</i> SNP genotypes in the Glanville fritillary butterfly (<i>Melitaea cinxia</i>). <i>Journal of Evolutionary Biology</i> , 2009, 22, 367-375.	1.7	63

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37	An old adaptive radiation of forest dung beetles in Madagascar. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 1076-1089.	2.7	66
38	Genetic spatial structure in a butterfly metapopulation correlates better with past than present demographic structure. <i>Molecular Ecology</i> , 2008, 17, 2629-2642.	3.9	82
39	SNP discovery by mismatch-targeting of Mu transposition. <i>Nucleic Acids Research</i> , 2007, 35, e44-e44.	14.5	17
40	Molecular evolution and radiation of dung beetles in Madagascar. <i>Cladistics</i> , 2007, 23, 145-168.	3.3	38
41	Phylogeographic patterns in <i>Drosophila montana</i> . <i>Molecular Ecology</i> , 2006, 16, 1085-1097.	3.9	31
42	Patterns of microsatellite variation through a transition zone of a chromosomal cline in <i>Drosophila americana</i> . <i>Heredity</i> , 2006, 97, 291-295.	2.6	19
43	LIFE CYCLE, SIZE REDUCTION PATTERNS, AND ULTRASTRUCTURE OF THE PENNATE PLANKTONIC DIATOM PSEUDO-NITZSCHIA DELICATISSIMA (BACILLARIOPHYCEAE)1. <i>Journal of Phycology</i> , 2005, 41, 542-556.	2.3	115
44	The alternation of different morphotypes in the seasonal cycle of the toxic diatom <i>Pseudo-nitzschia galaxiae</i> . <i>Harmful Algae</i> , 2005, 4, 33-48.	4.8	101
45	Isolation and characterization of microsatellites in <i>Drosophila montana</i> and their cross-species amplification in <i>D. virilis</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 412-414.	1.7	6
46	A multilocus microsatellite phylogeny of the <i>Drosophila virilis</i> group. <i>Heredity</i> , 2004, 93, 161-165.	2.6	29
47	Multiple rDNA ITS-types within the diatom <i>Pseudo-nitzschia delicatissima</i> (Bacillariophyceae) and their relative abundances across a spring bloom in the Gulf of Naples. <i>Marine Ecology - Progress Series</i> , 2004, 271, 87-98.	1.9	127
48	Bipolar distribution of the cyst-forming dinoflagellate <i>Polarella glacialis</i> . <i>Polar Biology</i> , 2003, 26, 186-194.	1.2	120
49	Toxic <i>Pseudo-nitzschia multistriata</i> (Bacillariophyceae) from the Gulf of Naples: morphology, toxin analysis and phylogenetic relationships with other <i>Pseudo-nitzschia</i> species. <i>European Journal of Phycology</i> , 2002, 37, 247-257.	2.0	135
50	Spatial patterns of genetic diversity in <i>Posidonia oceanica</i> , an endemic Mediterranean seagrass. <i>Molecular Ecology</i> , 2001, 10, 1413-1421.	3.9	62