Carmelo AndÃºjar

List of Publications by Year
in descending order

44 papers	1,338 citations	361045 20 h-index	377514 34 g-index
51 all docs	51 docs citations	51 times ranked	1784 citing authors

#	Article	IF	Citations
1	Community metabarcoding reveals the relative role of environmental filtering and spatial processes in metacommunity dynamics of soil microarthropods across a mosaic of montane forests. Molecular Ecology, 2023, 32, 6110-6128.	2.0	15
2	Coming of age for COI metabarcoding of whole organism community DNA: Towards bioinformatic harmonisation. Molecular Ecology Resources, 2022, 22, 847-861.	2.2	22
3	DNA barcoding reveals new records of invasive terrestrial flatworms (Platyhelminthes, Tricladida,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	0
4	Hidden island endemic species and their implications for cryptic speciation within soil arthropods. Journal of Biogeography, 2022, 49, 1367-1380.	1.4	9
5	Community assembly and metaphylogeography of soil biodiversity: Insights from haplotypeâ€level community<scp>DNA</scp>metabarcoding within an oceanic island. Molecular Ecology, 2022, 31, 4078-4094.	2.0	9
6	The limited spatial scale of dispersal in soil arthropods revealed with wholeâ€community haplotypeâ€level metabarcoding. Molecular Ecology, 2021, 30, 48-61.	2.0	49
7	Mitogenomic phylogenetics of Diochus occultus n. sp., a palaeoendemic endogean species within the tribe Diochini (Coleoptera: Staphylinidae: Staphylininae). Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 78-93.	0.6	2
8	Flightlessness in insects enhances diversification and determines assemblage structure across whole communities. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202646.	1.2	13
9	Connecting highâ€throughput biodiversity inventories: Opportunities for a siteâ€based genomic framework for global integration and synthesis. Molecular Ecology, 2021, 30, 1120-1135.	2.0	26
10	Validated removal of nuclear pseudogenes and sequencing artefacts from mitochondrial metabarcode data. Molecular Ecology Resources, 2021, 21, 1772-1787.	2.2	32
11	Endogean beetles (Coleoptera) of Madagascar: deep soil sampling and illustrated overview. Zootaxa, 2021, 4963, zootaxa.4963.2.4.	0.2	3
12	Dispersal limitations and longâ€term persistence drive differentiation from haplotypes to communities within a tropical skyâ€island: Evidence from community metabarcoding. Molecular Ecology, 2021, 30, 6611-6626.	2.0	6
13	Elemental composition, rare earths and minority elements in organic and conventional wines from volcanic areas: The Canary Islands (Spain). PLoS ONE, 2021, 16, e0258739.	1.1	6
14	A validated workflow for rapid taxonomic assignment and monitoring of a national fauna of bees (Apiformes) using high throughput DNA barcoding. Molecular Ecology Resources, 2020, 20, 40-53.	2.2	30
15	Mitochondrial Metagenomics Reveals the Ancient Origin and Phylodiversity of Soil Mites and Provides a Phylogeny of the Acari. Molecular Biology and Evolution, 2020, 37, 683-694.	3.5	42
16	The phylogeny of leaf beetles (Chrysomelidae) inferred from mitochondrial genomes. Systematic Entomology, 2020, 45, 188-204.	1.7	56
17	Climate drives communityâ€wide divergence within species over a limited spatial scale: evidence from an oceanic island. Ecology Letters, 2020, 23, 305-315.	3.0	28
18	New mitochondrial genomes of 39 soil dwelling Coleoptera from metagenome sequencing. Mitochondrial DNA Part B: Resources, 2019, 4, 2447-2450.	0.2	4

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19	The discovery of Barretonus (Curculionidae: Cossoninae) in the Canary Islands: barcoding, morphology and description of new species. Acta Entomologica Musei Nationalis Pragae, 2019, 59, 443-452.	0.5	2
20	Hidden biodiversity: total evidence phylogenetics and evolution of morphological traits in a highly diverse lineage of endogean ground beetles, Typhlocharis Dieck, 1869 (Carabidae, Trechinae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4	
21	Metabarcoding of freshwater invertebrates to detect the effects of a pesticide spill. Molecular Ecology, 2018, 27, 146-166.	2.0	54
22	The contribution of mitochondrial metagenomics to large-scale data mining and phylogenetic analysis of Coleoptera. Molecular Phylogenetics and Evolution, 2018, 128, 1-11.	1.2	41
23	Genome sequencing of Rhinorhipus Lawrence exposes an early branch of the Coleoptera. Frontiers in Zoology, 2018, 15, 21.	0.9	30
24	Why the COI barcode should be the community <scp>DNA</scp> metabarcode for the metazoa. Molecular Ecology, 2018, 27, 3968-3975.	2.0	131
25	The mitogenome of Hydropsyche pellucidula (Hydropsychidae): first gene arrangement in the insect order Trichoptera. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 71-72.	0.7	11
26	The mitochondrial genome of Iberobaenia (Coleoptera: Iberobaeniidae): first rearrangement of protein-coding genes in the beetles. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 156-158.	0.7	16
27	Terra incognita of soil biodiversity: unseen invasions under our feet. Molecular Ecology, 2017, 26, 3087-3089.	2.0	16
28	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. Molecular Ecology, 2017, 26, 6053-6070.	2.0	17
29	Lessons from genome skimming of arthropodâ€preserving ethanol. Molecular Ecology Resources, 2016, 16, 1365-1377.	2.2	59
30	Metabarcoding and mitochondrial metagenomics of endogean arthropods to unveil the mesofauna of the soil. Methods in Ecology and Evolution, 2016, 7, 1071-1081.	2.2	75
31	Gondwanian relicts and oceanic dispersal in a cosmopolitan radiation of euedaphic ground beetles. Molecular Phylogenetics and Evolution, 2016, 99, 235-246.	1.2	25
32	Phylogenetic community ecology of soil biodiversity using mitochondrial metagenomics. Molecular Ecology, 2015, 24, 3603-3617.	2.0	93
33	Tempo and mode of the multiple origins of salinity tolerance in a water beetle lineage. Molecular Ecology, 2014, 23, 360-373.	2.0	32
34	Integration of conflict into integrative taxonomy: fitting hybridization in species delimitation of <scp>M</scp>esocarabus (<scp>C</scp>oleoptera: <scp>C</scp>arabidae). Molecular Ecology, 2014, 23, 4344-4361.	2.0	33
35	Congruence test of molecular clock calibration hypotheses based on <scp>B</scp>ayes factor comparisons. Methods in Ecology and Evolution, 2014, 5, 226-242.	2.2	21
36	Late Miocene origin of an Iberoâ€Maghrebian clade of ground beetles with multiple colonizations of the subterranean environment. Journal of Biogeography, 2014, 41, 1979-1990.	1.4	40

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37	Integrative taxonomy and conservation of cryptic beetles in the Mediterranean region (Hydrophilidae). Zoologica Scripta, 2013, 42, 182-200.	0.7	34
38	Molecular systematics and evolution of the subgenusMesocarabusThomson, 1875 (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Linnean Society, 2012, 166, 787-804.	1.0	16
39	Winding up the molecular clock in the genus Carabus (Coleoptera: Carabidae): assessment of methodological decisions on rate and node age estimation. BMC Evolutionary Biology, 2012, 12, 40.	3.2	106
40	Dispersal ability rather than ecological tolerance drives differences in range size between lentic and lotic water beetles (Coleoptera: Hydrophilidae). Journal of Biogeography, 2012, 39, 984-994.	1.4	94
41	A new species of endogean, anophthalmous Parazuphium Jeannel from Northern Morocco (Coleoptera: Carabidae), with new molecular data for the tribe Zuphiini. ZooKeys, 2011, 103, 49-62.	0.5	4
42	A new Typhlocharis (Coleoptera: Carabidae: Anillina) from Spain: combining adult and larval morphological data with DNA information. Zootaxa, 2010, 2485, 47.	0.2	11
43	Typhlocharis Dieck, 1869 (Coleoptera: Carabidae, Anillini): a new species from the Iberian Peninsula, with notes about its relationships and the evolution of the diecki species group. Zootaxa, 2008, 1842, 35.	0.2	7
44	Oromia orahan (Curculionidae, Molytinae), a new subterranean species for the Canarian underground biodiversity. Subterranean Biology, 0, 35, 1-14.	5.0	2