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	Why the COI barcode should be the community <scp>DNA</scp> metabarcode for the metazoa. Molecular Ecology, 2018, 27, 3968-3975.	2.0	131
2	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
3	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
4	Phylogenetic community ecology of soil biodiversity using mitochondrial metagenomics. Molecular Ecology, 2015, 24, 3603-3617.	2.0	93
5	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
6	Lessons from genome skimming of arthropodâ€preserving ethanol. Molecular Ecology Resources, 2016, 16, 1365-1377.	2.2	59
7	The phylogeny of leaf beetles (Chrysomelidae) inferred from mitochondrial genomes. Systematic Entomology, 2020, 45, 188-204.	1.7	56
8	Metabarcoding of freshwater invertebrates to detect the effects of a pesticide spill. Molecular Ecology, 2018, 27, 146-166.	2.0	54
9	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
10	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
11	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
12	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
13	Integrative taxonomy and conservation of cryptic beetles in the Mediterranean region (Hydrophilidae). Zoologica Scripta, 2013, 42, 182-200.	0.7	34
14	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
15	Tempo and mode of the multiple origins of salinity tolerance in a water beetle lineage. Molecular Ecology, 2014, 23, 360-373.	2.0	32
16	Validated removal of nuclear pseudogenes and sequencing artefacts from mitochondrial metabarcode data. Molecular Ecology Resources, 2021, 21, 1772-1787.	2.2	32
17	Genome sequencing of Rhinorhipus Lawrence exposes an early branch of the Coleoptera. Frontiers in Zoology, 2018, 15, 21.	0.9	30
18	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

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19	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
20	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
21	Gondwanian relicts and oceanic dispersal in a cosmopolitan radiation of euedaphic ground beetles. Molecular Phylogenetics and Evolution, 2016, 99, 235-246.	1.2	25
22	Coming of age for COI metabarcoding of whole organism community DNA: Towards bioinformatic harmonisation. Molecular Ecology Resources, 2022, 22, 847-861.	2.2	22
23	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
24	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. Molecular Ecology, 2017, 26, 6053-6070.	2.0	17
25	Molecular systematics and evolution of the subgenusMesocarabusThomson, 1875 (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /O Linnean Society, 2012, 166, 787-804.	1.0	16
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	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
29	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
30	A new Typhlocharis (Coleoptera: Carabidae: Anillina) from Spain: combining adult and larval morphological data with DNA information. Zootaxa, 2010, 2485, 47.	0.2	11
31	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
32	Hidden island endemic species and their implications for cryptic speciation within soil arthropods. Journal of Biogeography, 2022, 49, 1367-1380.	1.4	9
33	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
34	Typhlocharis Dieck, 1869 (Coleoptera: Carabidae, Anillini): a new species from the Iberian Peninsula, with notes about its relationships and the evolution of the dieckі species group. Zootaxa, 2008, 1842, 35.	0.2	7
35	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
36	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

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37	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
38	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	1.3	4
39	New mitochondrial genomes of 39 soil dwelling Coleoptera from metagenome sequencing. Mitochondrial DNA Part B: Resources, 2019, 4, 2447-2450.	0.2	4
40	Endogean beetles (Coleoptera) of Madagascar: deep soil sampling and illustrated overview. Zootaxa, 2021, 4963, zootaxa.4963.2.4.	0.2	3
41	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
42	Oromia orahan (Curculionidae, Molytinae), a new subterranean species for the Canarian underground biodiversity. Subterranean Biology, 0, 35, 1-14.	5.0	2
43	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
44	DNA barcoding reveals new records of invasive terrestrial flatworms (Platyhelminthes, Tricladida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.2	0