

Carlos Juan

List of Publications by Year in descending order

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72
papers

2,499
citations

172457

29
h-index

206112

48
g-index

72
all docs

72
docs citations

72
times ranked

2036
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenomics of the <i>Hyaella</i> amphipod species-flock of the Andean Altiplano. <i>Scientific Reports</i> , 2021, 11, 366.	3.3	7
2	Comparative Mitogenomics in <i>Hyaella</i> (Amphipoda: Crustacea). <i>Genes</i> , 2021, 12, 292.	2.4	6
3	The <i>Hyaella</i> species flock of Lake Titicaca (Crustacea: Amphipoda): perspectives and drawbacks of dna-based identification. <i>Contributions To Zoology</i> , 2021, 90, 409-462.	0.5	3
4	Morphological and molecular species boundaries in the <i>Hyaella</i> species flock of Lake Titicaca (Crustacea: Amphipoda). <i>Contributions To Zoology</i> , 2020, 89, 353-372.	0.5	10
5	The age and diversification of metacrangonyctid subterranean amphipod crustaceans revisited. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106599.	2.7	8
6	Do cave orb spiders show unique behavioural adaptations to subterranean life? A review of the evidence. <i>Behaviour</i> , 2019, 156, 969-996.	0.8	15
7	Species delimitation and mitogenome phylogenetics in the subterranean genus <i>Pseudoniphargus</i> (Crustacea: Amphipoda). <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 988-999.	2.7	25
8	Phylogenetic evidence that both ancient vicariance and dispersal have contributed to the biogeographic patterns of anchialine cave shrimps. <i>Scientific Reports</i> , 2017, 7, 2852.	3.3	32
9	Molecular systematics of <i>Haploginglymus</i> , a genus of subterranean amphipods endemic to the Iberian Peninsula (Amphipoda: Niphargidae). <i>Contributions To Zoology</i> , 2017, 86, 239-260.	0.5	12
10	DNA barcodes, cryptic diversity and phylogeography of a W Mediterranean assemblage of therosbaenacean crustaceans. <i>Zoologica Scripta</i> , 2016, 45, 659-670.	1.7	12
11	Host plant associations and geographical factors in the diversification of the Macaronesian <i>Rhopalomesites</i> beetles (Coleoptera: Curculionidae). <i>Journal of Biogeography</i> , 2016, 43, 1608-1619.	3.0	7
12	The mitogenome of the amphipod <i>Hyaella lucifugax</i> (Crustacea) and its phylogenetic placement. <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 755-756.	0.4	7
13	The complete mitochondrial genome of the cave shrimp <i>Typhlatya miravetensis</i> (Decapoda, Atyidae) and its systematic position. <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 847-848.	0.4	2
14	Mitochondrial genome rearrangements at low taxonomic levels: three distinct mitogenome gene orders in the genus <i>Pseudoniphargus</i> (Crustacea: Amphipoda). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3579-3589.	0.7	18
15	Genetic, morphological, and dietary changes associated with novel habitat colonisation in the Canary Island endemic grasshopper <i>Aprostocetus bellamyi</i> . <i>Ecological Entomology</i> , 2014, 39, 703-715.	2.2	7
16	Next-generation sequencing, phylogenetic signal and comparative mitogenomic analyses in Metacrangonyctidae (Amphipoda: Crustacea). <i>BMC Genomics</i> , 2014, 15, 566.	2.8	44
17	Isolation and characterization of microsatellite loci in the fruit tree weevil <i>Naupactus xanthographus</i> (Coleoptera: Curculionidae): cross-amplification in related species of the <i>Naupactus-Pantomorus</i> complex. <i>Journal of Genetics</i> , 2013, 92, 23-27.	0.7	1
18	Reply to Phillips et al.. <i>Current Biology</i> , 2013, 23, R605-R606.	3.9	3

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19	Historical biogeography and phylogeny of <i>Typhlatya</i> cave shrimps (Decapoda: Atyidae) based on mitochondrial and nuclear data. <i>Journal of Biogeography</i> , 2013, 40, 594-607.	3.0	34
20	A taxonomic revision and species delimitation of the genus <i>Purpuraria</i> (Orthoptera: Pamphagidae) using an integrative approach. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2013, 51, 173-186.	1.4	6
21	Mitogenomic Phylogenetic Analysis Supports Continental-Scale Vicariance in Subterranean Thalassoid Crustaceans. <i>Current Biology</i> , 2012, 22, 2069-2074.	3.9	70
22	Islands beneath islands: phylogeography of a groundwater amphipod crustacean in the Balearic archipelago. <i>BMC Evolutionary Biology</i> , 2011, 11, 221.	3.2	30
23	Evolution in caves: Darwin's wrecks of ancient life in the molecular era. <i>Molecular Ecology</i> , 2010, 19, 3865-3880.	3.9	174
24	Evolution underground: shedding light on the diversification of subterranean insects. <i>Journal of Biology</i> , 2010, 9, 17.	2.7	29
25	Isolation and characterization of microsatellite loci in the fruit tree weevil <i>Naupactus xanthographus</i> (Coleoptera: Curculionidae): cross-amplification in related species of the <i>Naupactus-Pantomorus</i> complex. <i>Journal of Genetics</i> , 2010, 89, 136-140.	0.7	0
26	Isolation and characterization of microsatellite loci for the cavehopper <i>Palmorchestia hypogaea</i> (Amphipoda: Talitridae). <i>Conservation Genetics Resources</i> , 2009, 1, 401-404.	0.8	3
27	The complete mitochondrial genome of the subterranean crustacean <i>Metacrangonyx longipes</i> (Amphipoda): A unique gene order and extremely short control region. <i>Mitochondrial DNA</i> , 2009, 20, 88-99.	0.6	33
28	Under the volcano: phylogeography and evolution of the cave-dwelling <i>Palmorchestia hypogaea</i> (Amphipoda, Crustacea) at La Palma (Canary Islands). <i>BMC Biology</i> , 2008, 6, 7.	3.8	51
29	Evolution and diversification of the forest and hypogean ground-beetle genus <i>Trechus</i> in the Canary Islands. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 687-699.	2.7	39
30	Phylogeography of a ground beetle species in La Gomera (Canary Islands): the effects of landscape topology and population history. <i>Heredity</i> , 2007, 99, 322-330.	2.6	5
31	Delimiting species boundaries for endangered Canary Island grasshoppers based on DNA sequence data. <i>Conservation Genetics</i> , 2007, 8, 587-598.	1.5	27
32	Using statistical phylogeography to infer population history: Case studies on <i>Pimelia</i> darkling beetles from the Canary Islands. <i>Journal of Arid Environments</i> , 2006, 66, 477-497.	2.4	9
33	Microsatellite loci in the Canary Islands endemic ground beetle <i>Trechus flavocinctus</i> and their applicability to cave-dwelling related species. <i>Molecular Ecology Notes</i> , 2006, 6, 54-56.	1.7	1
34	Microsatellite loci development in endangered pamphagid grasshoppers endemic to the Canary Islands (Orthoptera). <i>Conservation Genetics</i> , 2006, 7, 767-771.	1.5	6
35	Evolutionary dynamics of a B chromosome invasion in island populations of the grasshopper <i>Eyprepocnemis plorans</i> . <i>Journal of Evolutionary Biology</i> , 2004, 17, 716-719.	1.7	15
36	Genetic structure, phylogeography and demography of two ground-beetle species endemic to the Tenerife laurel forest (Canary Islands). <i>Molecular Ecology</i> , 2004, 13, 3153-3167.	3.9	46

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37	Complex structural features of satellite DNA sequences in the genus <i>Pimelia</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2004, 92, 418-427.	2.6	55
38	Genome Size and Chromosomal Evolution in Leaf Beetles (Coleoptera, Chrysomelidae). <i>Hereditas</i> , 2004, 119, 1-6.	1.4	37
39	Characterization of the Heterochromatin of the Darkling Beetle <i>Misolampus Goudoti</i> : Cloning of Two Satellite DNA Families and Digestion of Chromosomes with Restriction Enzymes. <i>Hereditas</i> , 2004, 119, 179-185.	1.4	20
40	Phylogeography of the endangered darkling beetle species of <i>Pimelia</i> endemic to Gran Canaria (Canary) Tj ETQq0 0,0 rgBT /Overlock 10 3,9 36	3.9	36
41	Evolution of low-copy number and major satellite DNA sequences coexisting in two <i>Pimelia</i> species-groups (Coleoptera). <i>Gene</i> , 2003, 312, 85-94.	2.2	15
42	Evolutionary Dynamics of Satellite DNA Family PIM357 in Species of the Genus <i>Pimelia</i> (Tenebrionidae,) Tj ETQq0 0,0 rgBT /Overlock 10 8,9 51	8.9	51
43	Higher-order organization and compartmentalization of satellite DNA PIM357 in species of the coleopteran genus <i>Pimelia</i> . <i>Chromosome Research</i> , 2002, 10, 597-606.	2.2	23
44	The Evolutionary History of the Genus <i>Timarcha</i> (Coleoptera, Chrysomelidae) Inferred from Mitochondrial COII Gene and Partial 16S rDNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2000, 14, 304-317.	2.7	73
45	Sequence, secondary structure and phylogenetic analyses of the ribosomal internal transcribed spacer 2 (ITS2) in the <i>Timarcha</i> leaf beetles (Coleoptera: Chrysomelidae). <i>Insect Molecular Biology</i> , 2000, 9, 591-604.	2.0	36
46	Nested cladistic analysis, phylogeography and speciation in the <i>Timarcha goettingensis</i> complex (Coleoptera, Chrysomelidae). <i>Molecular Ecology</i> , 2000, 9, 557-570.	3.9	58
47	Colonization and diversification: towards a phylogeographic synthesis for the Canary Islands. <i>Trends in Ecology and Evolution</i> , 2000, 15, 104-109.	8.7	363
48	Comparative study of satellite sequences and phylogeny of five species from the genus <i>Palorus</i> (Insecta, Coleoptera). <i>Genome</i> , 2000, 43, 776-785.	2.0	17
49	Comparative study of satellite sequences and phylogeny of five species from the genus <i>Palorus</i> (Insecta, Coleoptera). <i>Genome</i> , 2000, 43, 776-785.	2.0	20
50	Phylogenetic relationships in West Mediterranean Scaritina (Coleoptera: Carabidae) inferred from mitochondrial COI sequences and karyotype analysis. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 1999, 37, 85-92.	1.4	22
51	Mitochondrial DNA Phylogeny and the Evolution of Host-Plant Use in Palearctic <i>Chrysolina</i> (Coleoptera, Chrysomelidae) Leaf Beetles. <i>Journal of Molecular Evolution</i> , 1999, 48, 435-444.	1.8	28
52	The phylogeography of the darkling beetle, <i>Hegeter politus</i> , in the eastern Canary Islands. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 135-140.	2.6	44
53	Conservation of satellite DNA in species of the genus <i>Pimelia</i> (Tenebrionidae, Coleoptera). <i>Gene</i> , 1997, 205, 183-190.	2.2	31
54	Molecular phylogeny of darkling beetles from the Canary Islands: comparison of inter island colonization patterns in two genera. <i>Biochemical Systematics and Ecology</i> , 1997, 25, 121-130.	1.3	20

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55	Mitochondrial DNA sequence variation and phylogeography of Pimelia darkling beetles on the Island of Tenerife (Canary Islands). <i>Heredity</i> , 1996, 77, 589-598.	2.6	53
56	Phylogeny of the genus Hegeter (Tenebrionidae, Coleoptera) and its colonization of the Canary Islands deduced from Cytochrome Oxidase I mitochondrial DNA sequences. <i>Heredity</i> , 1996, 76, 392-403.	2.6	102
57	Localization and activity of rDNA genes in tiger beetles (Coleoptera: Cicindelinae). <i>Heredity</i> , 1995, 74, 524-530.	2.6	42
58	Mitochondrial DNA phylogeny and sequential colonization of Canary Islands by darkling beetles of the genus Pimelia (Tenebrionidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1995, 261, 173-180.	2.6	151
59	Tenebrio obscurus satellite DNA is resistant to cleavage by restriction endonucleases in situ. <i>Chromosome Research</i> , 1994, 2, 217-223.	2.2	20
60	Genome size, chromosomes, and egg-chorion ultrastructure in the evolution of Chrysomelinae. , 1994, , 213-225.		7
61	Direct incorporation of fluorescein-12-dUTP to insect fixed chromosomes by random primed extension. <i>Genome</i> , 1994, 37, 173-175.	2.0	1
62	Localization of tandemly repeated DNA sequences in beetle chromosomes by fluorescent in situ hybridization. <i>Chromosome Research</i> , 1993, 1, 167-174.	2.2	49
63	Presence of highly repetitive DNA sequences in Tribolium flour-beetles. <i>Heredity</i> , 1993, 70, 1-8.	2.6	53
64	Satellite DNA and heterochromatin of the flour beetle Tribolium confusum. <i>Genome</i> , 1993, 36, 467-475.	2.0	42
65	Evolution of genome size in darkling beetles (Tenebrionidae, Coleoptera). <i>Genome</i> , 1991, 34, 169-173.	2.0	31
66	Cytological and biochemical characterization of the in situ endonuclease digestion of fixed Tenebrio molitor chromosomes. <i>Chromosoma</i> , 1991, 100, 432-438.	2.2	48
67	Genome size in Tribolium flour-beetles: inter- and intraspecific variation. <i>Genetical Research</i> , 1991, 58, 1-5.	0.9	55
68	Cytogenetic and Evolutionary Relationships in the Nearctic Genus Ophraella and Related Genera (Coleoptera: Chrysomelidae). <i>Annals of the Entomological Society of America</i> , 1990, 83, 689-693.	2.5	5
69	Improving beetle karyotype analysis: restriction endonuclease banding of Tenebrio molitor chromosomes. <i>Heredity</i> , 1990, 65, 157-162.	2.6	19
70	Karyological differences among Tenebrionidae (Coleoptera). <i>Genetica</i> , 1990, 80, 101-108.	1.1	10
71	C-banding and DNA content in seven species of Tenebrionidae (Coleoptera). <i>Genome</i> , 1989, 32, 834-839.	2.0	61
72	New Chromosomal Findings on The Spanish Tenebrionidae (Coleoptera). <i>Caryologia</i> , 1989, 42, 259-266.	0.3	4