

Joan Pons

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4637947/publications.pdf>

Version: 2024-02-01

67
papers

4,205
citations

257450

24
h-index

114465

63
g-index

67
all docs

67
docs citations

67
times ranked

5609
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence-Based Species Delimitation for the DNA Taxonomy of Undescribed Insects. <i>Systematic Biology</i> , 2006, 55, 595-609.	5.6	2,257
2	Why barcode? High-throughput multiplex sequencing of mitochondrial genomes for molecular systematics. <i>Nucleic Acids Research</i> , 2010, 38, e197-e197.	14.5	152
3	The towering orogeny of New Guinea as a trigger for arthropod megadiversity. <i>Nature Communications</i> , 2014, 5, 4001.	12.8	152
4	Nucleotide substitution rates for the full set of mitochondrial protein-coding genes in Coleoptera. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 796-807.	2.7	141
5	Mitochondrial Cox1 Sequence Data Reliably Uncover Patterns of Insect Diversity But Suffer from High Lineage-Idiosyncratic Error Rates. <i>PLoS ONE</i> , 2010, 5, e14448.	2.5	90
6	Beyond barcodes: complex DNA taxonomy of a South Pacific Island radiation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 887-893.	2.6	87
7	Mitogenomic Phylogenetic Analysis Supports Continental-Scale Vicariance in Subterranean Thalassoid Crustaceans. <i>Current Biology</i> , 2012, 22, 2069-2074.	3.9	70
8	Complex Pattern of Coalescence and Fast Evolution of a Mitochondrial rRNA Pseudogene in a Recent Radiation of Tiger Beetles. <i>Molecular Biology and Evolution</i> , 2005, 22, 991-1000.	8.9	69
9	A mega-cryptic species complex hidden among one of the most common annelids in the North East Atlantic. <i>PLoS ONE</i> , 2018, 13, e0198356.	2.5	63
10	Complex structural features of satellite DNA sequences in the genus <i>Pimelia</i> (Coleoptera: Tenebrionidae). <i>Molecular Biology and Evolution</i> , 2004, 21, 418-427.	2.6	55
11	DNA-based identification of preys from non-destructive, total DNA extractions of predators using arthropod universal primers. <i>Molecular Ecology Notes</i> , 2006, 6, 623-626.	1.7	53
12	Evolutionary Dynamics of Satellite DNA Family PIM357 in Species of the Genus <i>Pimelia</i> (Tenebrionidae). <i>Molecular Biology and Evolution</i> , 2004, 21, 511-519.	8.9	51
13	Infrequent and unidirectional colonization of hyperdiverse Papuadytes diving beetles in New Caledonia and New Guinea. <i>Molecular Phylogenetics and Evolution</i> , 2007, 42, 505-516.	2.7	50
14	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
15	Next-generation sequencing, phylogenetic signal and comparative mitogenomic analyses in Metacrangonyctidae (Amphipoda: Crustacea). <i>BMC Genomics</i> , 2014, 15, 566.	2.8	44
16	Using Exon and Intron Sequences of the Gene <i>Mp20</i> to Resolve Basal Relationships in <i>Cicindela</i> (Coleoptera:Cicindelidae). <i>Systematic Biology</i> , 2004, 53, 554-570.	5.6	43
17	Closing the gap: New data on the last documented <i>Myotragus</i> and the first human evidence on Mallorca (Balearic Islands, Western Mediterranean Sea). <i>Holocene</i> , 2016, 26, 1887-1891.	1.7	41
18	Size, frequency, and phylogenetic signal of multiple-residue indels in sequence alignment of introns. <i>Cladistics</i> , 2006, 22, 144-156.	3.3	36

#	ARTICLE	IF	CITATIONS
19	Deep mtDNA subdivision within Linnean species in an endemic radiation of tiger beetles from New Zealand (genus <i>Neocicindela</i>). <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 251-262.	2.7	36
20	Arm-less mitochondrial tRNAs conserved for over 30 millions of years in spiders. <i>BMC Genomics</i> , 2019, 20, 665.	2.8	36
21	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
22	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
23	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
24	Conservation of satellite DNA in species of the genus <i>Pimelia</i> (Tenebrionidae, Coleoptera). <i>Gene</i> , 1997, 205, 183-190.	2.2	31
25	Islands beneath islands: phylogeography of a groundwater amphipod crustacean in the Balearic archipelago. <i>BMC Evolutionary Biology</i> , 2011, 11, 221.	3.2	30
26	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
27	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
28	Evolution of Satellite DNAs in a Radiation of Endemic Hawaiian Spiders: Does Concerted Evolution of Highly Repetitive Sequences Reflect Evolutionary History?. <i>Journal of Molecular Evolution</i> , 2004, 59, 632-641.	1.8	23
29	EZmito: a simple and fast tool for multiple mitogenome analyses. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1101-1109.	0.4	23
30	Common origin of the satellite DNAs of the Hawaiian spiders of the genus <i>Tetragnatha</i> : evolutionary constraints on the length and nucleotide composition of the repeats. <i>Gene</i> , 2003, 313, 169-177.	2.2	22
31	Cryptic diversity, intraspecific phenetic plasticity and recent geographical translocations in <i>Branchiomma</i> (Sabellidae, Annelida). <i>Zoologica Scripta</i> , 2013, 42, 637-655.	1.7	22
32	Unraveling the phylogenetic relationships of the extinct bovid <i>Myotragus balearicus</i> Bate 1909 from the Balearic Islands. <i>Quaternary Science Reviews</i> , 2019, 215, 185-195.	3.0	21
33	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
34	The evolutionary origin of a novel karyotype in <i>Timarcha</i> (Coleoptera, Chrysomelidae) and general trends of chromosome evolution in the genus. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2004, 42, 332-341.	1.4	19
35	Polymorphic Curvature of Satellite DNA in Three Subspecies of the Beetle <i>Pimelia sparsa</i> . <i>FEBS Journal</i> , 1997, 244, 318-324.	0.2	18
36	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

#	ARTICLE	IF	CITATIONS
37	Another blow to the conserved gene order in Annelida: Evidence from mitochondrial genomes of the calcareous tubeworm genus <i>Hydroides</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 160, 107124.	2.7	17
38	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
39	Large-scale molecular phylogeny of Cryptorhynchinae (Coleoptera, Curculionidae) from multiple genes suggests American origin and later Australian radiation. <i>Systematic Entomology</i> , 2016, 41, 492-503.	3.9	14
40	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
41	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
42	Cloning and characterization of a transposable-like repeat in the heterochromatin of the darkling beetle <i>Misolampus goudoti</i> . <i>Genome</i> , 2004, 47, 769-774.	2.0	10
43	Molecular resolution to a morphological controversy: The case of North American fossil muskoxen <i>Bootherium</i> and <i>Symbos</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 70-76.	2.7	10
44	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
45	The elephant in the room: first record of invasive gregarious species of serpulids (calcareous tube) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	0.6	10
46	Mitochondrial genomes of twelve species of hyperdiverse <i>Trigonopterus</i> weevils. <i>PeerJ</i> , 2020, 8, e10017.	2.0	10
47	Evolution of diploid chromosome number, sex-determining systems, and heterochromatin in Western Mediterranean and Canarian species of the genus <i>Pimelia</i> (Coleoptera: Tenebrionidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2004, 42, 81-85.	1.4	9
48	Mitogenome phylogenetics in the genus <i>Palaemon</i> (Crustacea: Decapoda) sheds light on species crypticism in the rockpool shrimp <i>P. elegans</i> . <i>PLoS ONE</i> , 2020, 15, e0237037.	2.5	9
49	The age and diversification of metacrangonyctid subterranean amphipod crustaceans revisited. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106599.	2.7	8
50	Viral encephalopathy and retinopathy (VER) disease in <i>Epinephelus marginatus</i> from the Balearic Islands marine protected areas. <i>Diseases of Aquatic Organisms</i> , 2019, 135, 49-58.	1.0	8
51	Higher-order repeats in the satellite DNA of the cave beetle <i>Pholeuon proserpinae glaciale</i> (Coleoptera: Cholevidae). <i>Hereditas</i> , 2003, 139, 28-34.	1.4	7
52	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
53	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
54	Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage (<i>Nesiotites</i>) coincident with the Messinian Salinity Crisis. <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 188-195.	2.7	7

#	ARTICLE	IF	CITATIONS
55	Phylogenomics of the <i>Hyaella</i> amphipod species-flock of the Andean Altiplano. <i>Scientific Reports</i> , 2021, 11, 366.	3.3	7
56	Test of the correlation between body size and DNA content in <i>Pimelia</i> (Coleoptera: Tenebrionidae) from the Canary Islands. <i>European Journal of Entomology</i> , 2003, 100, 123-129.	1.2	7
57	Ancient DNA from an extinct Mediterranean micromammal <i>Hypnomys morpheus</i> (Rodentia: Tj ETQq1 1 0.784314 rgBT /Ov Systematics and Evolutionary Research, 2020, 58, 427-438.	1.4	6
58	Origin, extinction and ancient DNA of a new fossil insular viper: molecular clues of overseas immigration. <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 144-168.	2.3	6
59	Comparative Mitogenomics in <i>Hyaella</i> (Amphipoda: Crustacea). <i>Genes</i> , 2021, 12, 292.	2.4	6
60	A new taxonomic status for <i>Iberoformica</i> (Hymenoptera, Formicidae) based on the use of molecular markers. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012, 50, 30-37.	1.4	5
61	On the shoulder of giants: Mitogenome recovery from non-targeted genome projects for phylogenetic inference and molecular evolution studies. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 5-30.	1.4	5
62	Reply to Phillips et al.. <i>Current Biology</i> , 2013, 23, R605-R606.	3.9	3
63	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
64	Evidence for a recent introduction of <i>Crocidura russula</i> (Mammalia, Eulipotyphla, Soricomorpha) in Mallorca (Balearic Islands, western Mediterranean Sea). <i>Mammalia</i> , 2012, 76, .	0.7	2
65	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
66	Complete mitochondrial genome of the pearly razorfish <i>Xyrichtys novacula</i> : phylogenetic analysis of its placement within the Labridae family. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 644-645.	0.4	2
67	Aln2tbl: building a mitochondrial features table from a assembly alignment in fasta format. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2732-2735.	0.4	0