

# Antonio Carapelli

## List of Publications by Year in descending order

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80  
papers

2,092  
citations

257357

24  
h-index

243529

44  
g-index

80  
all docs

80  
docs citations

80  
times ranked

1741  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microhabitats, macro-differences: a survey of temperature records in Victoria Land terrestrial and freshwater environments. <i>Antarctic Science</i> , 2022, 34, 256-265.	0.5	3
2	Relationship between secondary metabolites and infestations caused by chickpea leafminer <i>Liriomyza cicerina</i> (Diptera:Agromyzidae). <i>International Journal of Tropical Insect Science</i> , 2021, 41, 251-259.	0.4	4
3	Characterization of the complete mitochondrial genome of <i>Neoasterolepisma foreli</i> (Insecta: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Resources, 2021, 6, 119-121.	0.2	0
4	Evidence for strong environmental control on bacterial microbiomes of Antarctic springtails. <i>Scientific Reports</i> , 2021, 11, 2973.	1.6	5
5	Investigating the Diversity of the Terrestrial Invertebrate Fauna of Antarctica: A Closer Look at the <i>Stereotydeus</i> (Acari: Prostigmata) Genus. , 2021, 2, .		0
6	Genetic diversity in clustered colonies of an Antarctic marine mesopredator: a role for habitat quality?. <i>Antarctic Science</i> , 2021, 33, 233-242.	0.5	4
7	EZmito: a simple and fast tool for multiple mitogenome analyses. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1101-1109.	0.2	23
8	Two New Species of the Mite Genus <i>Stereotydeus</i> Berlese, 1901 (Prostigmata: Penthalodidae) from Victoria Land, and a Key for Identification of Antarctic and Sub-Antarctic Species. <i>Taxonomy</i> , 2021, 1, 116-141.	0.4	5
9	The complete mitochondrial genome of <i>Trissolcus japonicus</i> (Hymenoptera: Scelionidae), the candidate for the biological control of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2307-2309.	0.2	0
10	The mitogenome of the true bug <i>Nysius cymoides</i> (Insecta, Heteroptera) and the phylogeny of Lygaeoidea. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2366-2368.	0.2	1
11	Re-Evaluating the Internal Phylogenetic Relationships of Collembola by Means of Mitogenome Data. <i>Genes</i> , 2021, 12, 44.	1.0	12
12	Overlooked Species Diversity and Distribution in the Antarctic Mite Genus <i>Stereotydeus</i> . <i>Diversity</i> , 2021, 13, 506.	0.7	5
13	Seasonal incidence of the leaf miner <i>Liriomyza cicerina</i> Rond (Diptera: Agromyzidae) in chickpea fields and effects of climatic parameters, chickpea variety, and planting date on the leaf miner infestation rate. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2020, 5, 1.	0.6	2
14	The complete mitochondrial genome of the springtail <i>Allacma fusca</i> , the internal phylogenetic relationships and gene order of Symphypleona. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3103-3105.	0.2	5
15	Molecular Comparison among Three Antarctic Endemic Springtail Species and Description of the Mitochondrial Genome of <i>Friesea gretae</i> (Hexapoda, Collembola). <i>Diversity</i> , 2020, 12, 450.	0.7	8
16	Bacterial and fungal diversity in the gut of polystyrene-fed <i>Alphitobius diaperinus</i> (Insecta: Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 142 Td	0.2	9
17	Evidence for Cryptic Diversity in the "Pan-Antarctic" Springtail <i>Friesea antarctica</i> and the Description of Two New Species. <i>Insects</i> , 2020, 11, 141.	1.0	22
18	Reliability of Molecular Sex Identification in the Adlie Penguin ( <i>Pygoscelis adeliae</i> ) from DNA-Poor Samples. <i>Waterbirds</i> , 2020, 43, .	0.2	1

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19	Mitochondrial Genome Diversity in Collembola: Phylogeny, Dating and Gene Order. <i>Diversity</i> , 2019, 11, 169.	0.7	25
20	The mitogenome of the jumping bristletail <i>Trigoniophthalmus alternatus</i> (Insecta, Microcoryphia) and the phylogeny of insect early-divergent lineages. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2855-2856.	0.2	3
21	The mitochondrial genome of the springtail <i>Bourletiella arvalis</i> (Symphypleona, Collembola). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2978-2979.	0.2	1
22	Going Deeper into High and Low Phylogenetic Relationships of Protura. <i>Genes</i> , 2019, 10, 292.	1.0	5
23	Mitogenomic data to study the taxonomy of Antarctic springtail species (Hexapoda: Collembola) and their adaptation to extreme environments. <i>Polar Biology</i> , 2019, 42, 715-732.	0.5	15
24	Cryptic Diversity Hidden within the Leafminer Genus <i>Liriomyza</i> (Diptera: Agromyzidae). <i>Genes</i> , 2018, 9, 554.	1.0	8
25	Assessing the Efficiency of Molecular Markers for the Species Identification of Gregarines Isolated from the Mealworm and Super Worm Midgut. <i>Microorganisms</i> , 2018, 6, 119.	1.6	4
26	Redescription and neotype designation of the Antarctic springtail <i>Folsomotoma octooculata</i> (Collembola: Isotomidae). <i>Zootaxa</i> , 2018, 4392, 392-400.	0.2	5
27	A new cave-dwelling species of <i>Deuteraphorura</i> from northern Italy (Collembola, Onychiuridae). <i>ZooKeys</i> , 2018, 739, 29-39.	0.5	1
28	<i>Stachorutes najtae</i> n. sp., a new psammophile species of Collembola from Italy (Neanuridae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	0.2	1
29	First record of gregarines (Apicomplexa) in seminal vesicle of insect. <i>Scientific Reports</i> , 2017, 7, 175.	1.6	12
30	Population genetics of three sympatric springtail species (Hexapoda: Collembola) from the South Shetland Islands: evidence for a common biogeographic pattern. <i>Biological Journal of the Linnean Society</i> , 2017, 120, 788-803.	0.7	15
31	High levels of genetic structuring in the Antarctic springtail <i>Cryptopygus terranovus</i> . <i>Antarctic Science</i> , 2017, 29, 311-323.	0.5	11
32	MtPAN3: Site-class specific amino acid replacement matrices for mitochondrial proteins of Pancrustacea and Collembola. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 239-244.	1.2	1
33	The complete mitochondrial genome of the Antarctic sea spider <i>Ammothea carolinensis</i> (Chelicerata); <i>Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 382</i>	0.5	9
34	Internal consistency as a method to assess the quality of dating estimates using multiple markers. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 874-879.	1.2	1
35	Repeated regions in mitochondrial genomes: Distribution, origin and evolutionary significance. <i>Mitochondrion</i> , 2012, 12, 483-491.	1.6	13
36	A <i>Cardinium</i> -like symbiont in the proturan <i>Acerella muscorum</i> (Hexapoda). <i>Tissue and Cell</i> , 2011, 43, 151-156.	1.0	9

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37	Extreme Glacial Legacies: A Synthesis of the Antarctic Springtail Phylogeographic Record. <i>Insects</i> , 2011, 2, 62-82.	1.0	38
38	Sperm accessory microtubules suggest the placement of Diplura as the sister-group of Insecta s.s.. <i>Arthropod Structure and Development</i> , 2011, 40, 77-92.	0.8	35
39	The mitochondrial genome of <i>Sinentomon erythranum</i> (Arthropoda: Hexapoda: Protura): an example of highly divergent evolution. <i>BMC Evolutionary Biology</i> , 2011, 11, 246.	3.2	28
40	Contrasting phylogeographical patterns for springtails reflect different evolutionary histories between the Antarctic Peninsula and continental Antarctica. <i>Journal of Biogeography</i> , 2010, 37, 103-119.	1.4	70
41	Population structure of <i>Friesea grisea</i> (Collembola, Neanuridae) in the Antarctic Peninsula and Victoria Land: evidence for local genetic differentiation of pre-Pleistocene origin. <i>Antarctic Science</i> , 2010, 22, 757-765.	0.5	26
42	Domestication of olive fly through a multi-regional host shift to cultivated olives: Comparative dating using complete mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 678-686.	1.2	93
43	High divergence across the whole mitochondrial genome in the pan-Antarctic springtail <i>Friesea grisea</i> : Evidence for cryptic species?. <i>Gene</i> , 2010, 449, 30-40.	1.0	65
44	Acetylcholinesterase genes in the basal Hexapod <i>Orchesella villosa</i> . <i>Insect Molecular Biology</i> , 2009, 18, 45-54.	1.0	5
45	Large-scale spatial patterns in the distribution of Collembola (Hexapoda) species in Antarctic terrestrial ecosystems. <i>Journal of Biogeography</i> , 2009, 36, 879-886.	1.4	33
46	Testing for misleading effects in the phylogenetic reconstruction of ancient lineages of hexapods: influence of character dependence and character choice in analyses of 28S rRNA sequences. <i>Zoologica Scripta</i> , 2009, 38, 155-170.	0.7	26
47	The complete mitochondrial genome of <i>Atelura formicaria</i> (Hexapoda: Zygentoma) and the phylogenetic relationships of basal insects. <i>Gene</i> , 2009, 439, 25-34.	1.0	24
48	Allozyme variation in the springtails <i>Allacma fusca</i> and <i>A. gallica</i> (Collembola, Sminthuridae). <i>Pedobiologia</i> , 2009, 52, 309-324.	0.5	5
49	The complete mitochondrial genome of the Antarctic springtail <i>Cryptopygus antarcticus</i> (Hexapoda: Tj ETQq1 1 0.784314 rgBT / Overlock 10 T 5	1.2	43
50	Non-sibling parasites (Strepsiptera) develop together in the same paper wasp. <i>Parasitology</i> , 2008, 135, 705-713.	0.7	12
51	Bayesian Phylogeny on Grid. <i>Communications in Computer and Information Science</i> , 2008, , 404-416.	0.4	9
52	Phylogenetic analysis of mitochondrial protein coding genes confirms the reciprocal paraphyly of Hexapoda and Crustacea. <i>BMC Evolutionary Biology</i> , 2007, 7, S8.	3.2	137
53	The mitochondrial genome of the entomophagous endoparasite <i>Xenos vesparum</i> (Insecta: Tj ETQq1 1 0.784314 rgBT / Overlock 10 T 5	1.0	36
54	The mitochondrial genomes of <i>Campodea fragilis</i> and <i>Campodea lubbocki</i> (Hexapoda: Diplura): High genetic divergence in a morphologically uniform taxon. <i>Gene</i> , 2006, 381, 49-61.	1.0	28

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55	Geographical distribution and evolutionary history of organophosphate-resistant Ace alleles in the olive fly ( <i>Bactrocera oleae</i> ). <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 593-602.	1.2	27
56	A review of molecular data for the phylogeny of basal hexapods. <i>Pedobiologia</i> , 2006, 50, 191-204.	0.5	26
57	Relationships between hexapods and crustaceans based on four mitochondrial genes. <i>Crustacean Issues</i> , 2005, , 295-306.	0.9	22
58	Assessing species boundaries and evolutionary relationships in a group of south-western European species of <i>Isotomurus</i> (Collembola, Isotomidae) using allozyme data. <i>Zoologica Scripta</i> , 2005, 34, 71-79.	0.7	10
59	Population structure and colonization history of the olive fly, <i>Bactrocera oleae</i> (Diptera,) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 505	2.0	174
60	Secondary structure, high variability and conserved motifs for domain III of 12S rRNA in the Arthropleona (Hexapoda; Collembola). <i>Insect Molecular Biology</i> , 2004, 13, 659-670.	1.0	14
61	Sperm structure and spermiogenesis in <i>Coletinia</i> sp. (Nicoletiidae, Zygentoma, Insecta) with a comparative analysis of sperm structure in <i>Zygentoma</i> . <i>Tissue and Cell</i> , 2004, 36, 233-244.	1.0	30
62	Hexapod Origins: Monophyletic or Paraphyletic?. <i>Science</i> , 2003, 299, 1887-1889.	6.0	349
63	The mitochondrial genome of the olive fly <i>Bactrocera oleae</i> : two haplotypes from distant geographical locations. <i>Insect Molecular Biology</i> , 2003, 12, 605-611.	1.0	98
64	Response to Comment on "Hexapod Origins: Monophyletic or Paraphyletic?". <i>Science</i> , 2003, 301, 1482e-1482.	6.0	14
65	Microsporidia in the springtail <i>Isotomurus fucicolus</i> (Collembola, Isotomidae) and possible pathways of parasite transmission. <i>Italian Journal of Zoology</i> , 2002, 69, 109-113.	0.6	3
66	Secondary structure and sequence variation of the 28S rRNA gene in the Neanuridae, and its utility as a phylogenetic marker Proceedings of the Xth international Colloquium on Apterygota, ÅEeskÅ© BudÅ»jovice 2000: Apterygota at the Beginning of the Third Millennium. <i>Pedobiologia</i> , 2002, 46, 274-283.	0.5	3
67	Sperm structure and spermiogenesis in <i>Atelura formicaria</i> Heyden ( <i>Zygentoma</i> , Insecta). <i>Acta Zoologica</i> , 2002, 83, 245-262.	0.6	18
68	The Complete Mitochondrial DNA Sequence of the Basal Hexapod <i>Tetrodontophora bielanensis</i> : Evidence for Heteroplasmy and tRNA Translocations. <i>Molecular Biology and Evolution</i> , 2001, 18, 1293-1304.	3.5	161
69	Aberrant spermatogenesis and sex determination in Bourletiellidae (Hexapoda, Collembola), and their evolutionary significance. <i>Zoomorphology</i> , 2001, 120, 237-245.	0.4	13
70	Taxonomic revision of 14 south-western European species of <i>Isotomurus</i> (Collembola, Isotomidae), with description of four new species and the designation of the neotype for <i>I. palustris</i> . <i>Zoologica Scripta</i> , 2001, 30, 115-143.	0.7	16
71	Large Amounts of Genetic Divergence among Italian Species of the Genus <i>Orchesella</i> (Insecta,) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 505	1.2	38
72	Population structure, gene flow and evolutionary relationships in four species of the genera <i>Tomocerus</i> and <i>Pogonognathellus</i> (Collembola, Tomoceridae). <i>Biological Journal of the Linnean Society</i> , 2000, 70, 221-238.	0.7	7

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73	Molecular phylogeny of the apterygotan insects based on nuclear and mitochondrial genes. <i>Pedobiologia</i> , 2000, 44, 361-373.	0.5	35
74	New data on the <i>Zygentoma</i> (Insecta, Apterygota) from Italy. <i>Pedobiologia</i> , 2000, 44, 320-332.	0.5	10
75	DNA sequence analysis to study the evolution of Antarctic Collembola. <i>Italian Journal of Zoology</i> , 2000, 67, 133-139.	0.6	9
76	An assessment of the value of nuclear and mitochondrial genes in elucidating the origin and evolution of <i>Isotoma klovstadi</i> Carpenter (Insecta, Collembola). <i>Antarctic Science</i> , 1999, 11, 160-174.	0.5	14
77	The use of genetic markers for the diagnosis of sibling species in the genus <i>Isotomurus</i> (Insecta, Tj ETQq1 1 0.784314 rgBT /Over	0.5	32
78	Taxonomic diagnosis of <i>Dicyrtomina ornata</i> and <i>D. saundersi</i> (Collembola: Dicyrtomidae) and analysis of their population genetic structure. <i>Zootaxa</i> , 0, 10, 1.	0.2	1
79	First de novo transcriptome analysis of the Antarctic springtail <i>Cryptopygus terranovus</i> (Collembola: Tj ETQq1 1 0.784314 rgBT /Over	0.5	2
80	<i>Desoria calderonis</i> sp. nov., a new species of alpine cryophilic springtail (Collembola: Isotomidae) from the Apennines (Italy), with phylogenetic and ecological considerations. <i>European Journal of Taxonomy</i> , 0, 787, 32-52.	0.6	5