

Gustavo Hormiga

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

5,276
citations

109321

35
h-index

91884

69
g-index

105
all docs

105
docs citations

105
times ranked

3054
citing authors

#	ARTICLE	IF	CITATIONS
1	Phylogenetic placement of the Tasmanian spider <i>Acrobleps hygrophilus</i> (Araneae, Anapidae) with comments on the evolution of the capture web in Araneoidea. <i>Cladistics</i> , 2008, 24, 1-33.	3.3	427
2	The spider tree of life: phylogeny of Araneae based on targeted gene analyses from an extensive taxon sampling. <i>Cladistics</i> , 2017, 33, 574-616.	3.3	341
3	Undersampling bias: the null hypothesis for singleton species in tropical arthropod surveys. <i>Journal of Animal Ecology</i> , 2009, 78, 573-584.	2.8	270
4	Phylogenomic Interrogation of Arachnida Reveals Systemic Conflicts in Phylogenetic Signal. <i>Molecular Biology and Evolution</i> , 2014, 31, 2963-2984.	8.9	261
5	A Protocol For Digesting Internal Soft Tissues And Mounting Spiders For Scanning Electron Microscopy. <i>Journal of Arachnology</i> , 2007, 35, 538-542.	0.5	247
6	Phylogeny of the orb-web building spiders (Araneae, Orbiculariae: Deinopoidea, Araneoidea). <i>Zoological Journal of the Linnean Society</i> , 1998, 123, 1-99.	2.3	237
7	The Phylogenetic Basis of Sexual Size Dimorphism in Orb-Weaving Spiders (Araneae, Orbiculariae). <i>Systematic Biology</i> , 2000, 49, 435-462.	5.6	234
8	Phylogenomics, Diversification Dynamics, and Comparative Transcriptomics across the Spider Tree of Life. <i>Current Biology</i> , 2018, 28, 1489-1497.e5.	3.9	198
9	Phylogeny of extant nephilid orb-weaving spiders (Araneae, Nephilidae): testing morphological and ethological homologies. <i>Cladistics</i> , 2008, 24, 147-217.	3.3	155
10	Giant female or dwarf male spiders?. <i>Nature</i> , 1997, 385, 687-688.	27.8	138
11	Phylogenomic Analysis of Spiders Reveals Nonmonophyly of Orb Weavers. <i>Current Biology</i> , 2014, 24, 1772-1777.	3.9	127
12	Tangled in a sparse spider web: single origin of orb weavers and their spinning work unravelled by denser taxonomic sampling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1341-1350.	2.6	116
13	Speciation on a Conveyor Belt: Sequential Colonization of the Hawaiian Islands by Orsonwelles Spiders (Araneae, Linyphiidae). <i>Systematic Biology</i> , 2003, 52, 70-88.	5.6	113
14	Web-Construction Behavior in Australian Phonognatha and the Phylogeny of Nephiline and Tetragnathid Spiders (Araneae, Tetragnathidae). <i>Australian Journal of Zoology</i> , 1995, 43, 313.	1.0	112
15	Higher level phylogenetics of erigonine spiders (Araneae, Linyphiidae, Erigoninae). <i>Smithsonian Contributions To Zoology</i> , 2000, , 1-160.	1.5	111
16	WHEN TO QUIT? ESTIMATING SPIDER SPECIES RICHNESS IN A NORTHERN EUROPEAN DECIDUOUS FOREST. <i>Journal of Arachnology</i> , 2003, 31, 246-273.	0.5	110
17	Rounding up the usual suspects: a standard targeted gene approach for resolving the interfamilial phylogenetic relationships of ecribellate orb-weaving spiders with a new family rank classification (Araneae, Araneoidea). <i>Cladistics</i> , 2017, 33, 221-250.	3.3	108
18	Linking of Digital Images to Phylogenetic Data Matrices Using a Morphological Ontology. <i>Systematic Biology</i> , 2007, 56, 283-294.	5.6	84

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19	Systematics, Phylogeny, and Evolution of Orb-Weaving Spiders. <i>Annual Review of Entomology</i> , 2014, 59, 487-512.	11.8	80
20	Cladistics and the comparative morphology of linyphiid spiders and their relatives (Araneae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 If 50 702 T</i>	2.3	78
21	Clade stability and the addition of data: A case study from erigonine spiders (Araneae: Linyphiidae). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 If 50 702 T</i>	3.3	76
22	Phylogenetic relationships of the spider family Tetragnathidae (Araneae, Araneoidea) based on morphological and DNA sequence data. <i>Cladistics</i> , 2009, 25, 109-146.	3.3	76
23	Higher-level phylogenetics of linyphiid spiders (Araneae, Linyphiidae) based on morphological and molecular evidence. <i>Cladistics</i> , 2009, 25, 231-262.	3.3	76
24	A New Orthology Assessment Method for Phylogenomic Data: Unrooted Phylogenetic Orthology. <i>Molecular Biology and Evolution</i> , 2016, 33, 2117-2134.	8.9	67
25	Morphological and phylogenetic atlas of the orb-weaving spider family Tetragnathidae (Araneae). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 If 50 702 T</i>	2.3	63
26	Morphology to the rescue: molecular data and the signal of morphological characters in combined phylogenetic analyses—a case study from mysmenid spiders (Araneae, Mysmenidae), with comments on the evolution of web architecture. <i>Cladistics</i> , 2011, 27, 278-330.	3.3	62
27	Converging on the orb: denser taxon sampling elucidates spider phylogeny and new analytical methods support repeated evolution of the orb web. <i>Cladistics</i> , 2021, 37, 298-316.	3.3	62
28	A revision and cladistic analysis of the spider family Pimoidae (Araneoidea:Araneae). <i>Smithsonian Contributions To Zoology</i> , 1994, , 1-104.	1.5	60
29	Family ties: molecular phylogeny of crab spiders (Araneae: Thomisidae). <i>Cladistics</i> , 2008, 24, 708-722.	3.3	59
30	Spider-specific probe set for ultraconserved elements offers new perspectives on the evolutionary history of spiders (Arachnida, Araneae). <i>Molecular Ecology Resources</i> , 2020, 20, 185-203.	4.8	54
31	Orsonwelles, a new genus of giant linyphiid spiders (Araneae) from the Hawaiian Islands. <i>Invertebrate Systematics</i> , 2002, 16, 369.	1.3	54
32	Conditioning of scouts and recruits during foraging by a leaf-cutting ant, <i>Atta colombica</i> . <i>Animal Behaviour</i> , 1996, 52, 299-306.	1.9	50
33	Tarsal Organ Morphology and the Phylogeny of Goblin Spiders (Araneae, Oonopidae), with Notes on Basal Genera. <i>American Museum Novitates</i> , 2012, 3736, 1-52.	0.6	49
34	The meaning of categorical ranks in evolutionary biology. <i>Organisms Diversity and Evolution</i> , 2016, 16, 427-430.	1.6	48
35	Interrogating Genomic-Scale Data to Resolve Recalcitrant Nodes in the Spider Tree of Life. <i>Molecular Biology and Evolution</i> , 2021, 38, 891-903.	8.9	46
36	Comprehensive Species Sampling and Sophisticated Algorithmic Approaches Refute the Monophyly of Arachnida. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	41

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37	A phylotranscriptomic backbone of the orb-weaving spider family Araneidae (Arachnida, Araneae) supported by multiple methodological approaches. <i>Molecular Phylogenetics and Evolution</i> , 2018, 126, 129-140.	2.7	35
38	Origin of spiders and their spinning organs illuminated by mid-Cretaceous amber fossils. <i>Nature Ecology and Evolution</i> , 2018, 2, 623-627.	7.8	33
39	Weintrauboa, a new genus of pimoid spiders from Japan and adjacent islands, with comments on the monophyly and diagnosis of the family Pimoidae and the genus Pimoa (Araneoidea, Araneae). <i>Zoological Journal of the Linnean Society</i> , 2003, 139, 261-281.	2.3	32
40	Forest refugia in Western and Central Africa as "museums" of Mesozoic biodiversity. <i>Biology Letters</i> , 2013, 9, 20120932.	2.3	31
41	Out of the twilight zone: phylogeny and evolutionary morphology of the orb-weaving spider family Mysmenidae, with a focus on spinneret spigot morphology in symphytognathoids (Araneae). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	2.3	26
42	Phylogeny of the orb-web building spiders (Araneae, Orbiculariae: Deinopoidea, Araneoidea). <i>Zoological Journal of the Linnean Society</i> , 1998, 123, 1-99.	2.3	26
43	Revision and Cladistic Analysis of the Orbweaving Spider Genus <i>Cyrtognatha</i> Keyserling, 1881 (Araneae). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	3.4	24
44	An extraordinary new genus of spiders from Western Australia with an expanded hypothesis on the phylogeny of Tetragnathidae (Araneae). <i>Zoological Journal of the Linnean Society</i> , 2011, 161, 735-768.	2.3	24
45	Spider Diversification Through Space and Time. <i>Annual Review of Entomology</i> , 2021, 66, 225-241.	11.8	24
46	Monophyly and phylogenetic placement of the spider genus <i>Labulla</i> . Simon, 1884 (Araneae, Linyphiidae) and description of the new genus <i>Pecado</i> . <i>Zoological Journal of the Linnean Society</i> , 2005, 143, 359-404.	2.3	23
47	Resolving the phylogeny of a speciose spider group, the family Linyphiidae (Araneae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 135-149.	2.7	23
48	Molecular phylogenetic analysis of "pirate spiders" (Araneae, Mimetidae) with the description of a new African genus and the first report of maternal care in the family. <i>Cladistics</i> , 2017, 33, 375-405.	3.3	20
49	Monophyly, Taxon Sampling, and the Nature of Ranks in the Classification of Orb-Weaving Spiders (Araneae: Araneoidea). <i>Systematic Biology</i> , 2020, 69, 401-411.	5.6	20
50	THE AFRICAN SPIDER GENUS <i>SINGAFROTYPA</i> (ARANEAE, ARANEIDAE). <i>Journal of Arachnology</i> , 2002, 30, 129.	0.5	19
51	<i>Nanoa</i> , an enigmatic new genus of pimoid spiders from western North America (Pimoidae, Araneae). <i>Zoological Journal of the Linnean Society</i> , 2005, 145, 249-262.	2.3	18
52	On <i>Putaoa</i> , a new genus of the spider family Pimoidae (Araneae) from China, with a cladistic test of its monophyly and phylogenetic placement. <i>Zootaxa</i> , 2008, 1792, 1.	0.5	18
53	The female genitalic morphology of "micronetine" spiders (Araneae, Linyphiidae). <i>Genetica</i> , 2010, 138, 59-73.	1.1	17
54	Unexpected diversity in the relictual European spiders of the genus <i>Pimoa</i> (Araneae : Pimoidae). <i>Invertebrate Systematics</i> , 2016, 30, 566.	1.3	17

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55	First Records of Extant Hispaniolan Spiders of the Families Mysmenidae, Symphytognathidae, and Ochyroceratidae (Araneae), Including a New Species of Ochyrocera. American Museum Novitates, 2007, 3577, 1-21.	0.6	15
56	On the Synaphrid Spider <i>Cepheia longiseta</i> (Simon 1881) (Araneae, Synaphridae). American Museum Novitates, 2007, 3575, 1-18.	0.6	15
57	Systematics, phylogeny and biogeography of the Australasian leaf-curling orb-weaving spiders (Araneae: Araneidae: Zyiellinae), with a comparative analysis of retreat evolution. Zoological Journal of the Linnean Society, 0, , .	2.3	15
58	Species delimitation of the North American orchard-spider <i>Leucauge venusta</i> (Walckenaer, 1841) (Araneae, Tetragnathidae). Molecular Phylogenetics and Evolution, 2018, 121, 183-197.	2.7	14
59	Phylogenomics and genital morphology of cave raptor spiders (Araneae, Trogloraptoridae) reveal an independent origin of a flow-through female genital system. Journal of Zoological Systematics and Evolutionary Research, 2019, 57, 737-747.	1.4	14
60	Exploring the impact of morphology, multiple sequence alignment and choice of optimality criteria in phylogenetic inference: a case study with the Neotropical orb-weaving spider genus <i>Wagneriana</i> (Araneae: Araneidae). Zoological Journal of the Linnean Society, 2020, 188, 976-1151.	2.3	14
61	The female genital morphology of the orb weaving spider genus <i>Agriognatha</i> (Araneae, Tetragnathidae). Journal of Morphology, 2007, 268, 758-770.	1.2	13
62	Phylogenetic analysis and revision of the linyphiid spider genus <i>Solenysa</i> (Araneae: Linyphiidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.3	13
63	Pedipalp sclerite homologies and phylogenetic placement of the spider genus <i>Stemonyphantes</i> (Linyphiidae, Araneae) and its implications for linyphiid phylogeny. Invertebrate Systematics, 2013, 27, 38.	1.3	12
64	Spinneret Spigot Morphology in Synaphrid Spiders (Araneae, Synaphridae), with Comments on the Systematics of The Family and Description of A New Species of <i>Synaphris</i> Simon 1894 from Spain. American Museum Novitates, 2007, 3556, 1.	0.6	11
65	On the spider genus <i>Weintrauboa</i> (Araneae, Pimoidae), with a description of a new species from China and comments on its phylogenetic relationships. Zootaxa, 2008, 1814, .	0.5	11
66	A Revised Phylogenetic Analysis for the Spider Genus <i>Clitaetra</i> Simon, 1889 (Araneae, Araneoidea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1903. Bulletin of the Museum of Comparative Zoology, 2009, 159, 301-323.	1.7	11
67	Ultrastructure of the Spermatozoa in the Spider Genus <i>Pimoida</i> : New Evidence for the Monophyly of Pimoidae plus Linyphiidae (Arachnida: Araneae). American Museum Novitates, 2010, 3682, 1-17.	0.6	11
68	Morphological and molecular evidence support the taxonomic separation of the medically important Neotropical spiders <i>Phoneutria depilata</i> (Strand, 1909) and <i>P. boliviensis</i> (F.O. Pickard-Cambridge, 1897) (Araneae, Ctenidae). ZooKeys, 2021, 1022, 13-50.	1.1	11
69	An expanded molecular phylogeny of metaine spiders (Araneae, Tetragnathidae) with description of new taxa from Taiwan and the Philippines. Invertebrate Systematics, 2018, 32, 400.	1.3	10
70	Mr. Darwin's mysterious spider: on the type species of the genus <i>Leucauge</i> White, 1841 (Tetragnathidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.5	10
71	The discovery of the orb-weaving spider genus <i>Pinkfloydia</i> (Araneae, Tetragnathidae) in eastern Australia with description of a new species from New South Wales and comments on the phylogeny of Nanometinae. Zootaxa, 2017, 4311, .	0.5	9
72	A morphological and combined phylogenetic analysis of pirate spiders (Araneae, Mimetidae): evolutionary relationships, taxonomy and character evolution. Invertebrate Systematics, 2020, 34, 144.	1.3	9

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73	Taxonomic revision of the Neotropical pirate spiders of the genus <i>Gelano</i> Thorell, 1869 (Araneae, Mimetidae) with the description of five new species . Zootaxa, 2016, 4064, 1.	0.5	8
74	Molecular phylogeny of pimoid spiders and the limits of Linyphiidae, with a reassessment of male palpal homologies (Araneae, Pimoidae). Zootaxa, 2021, 5026, 71-101.	0.5	8
75	Repeated colonization, adaptive radiation and convergent evolution in the sheet-weaving spiders (Linyphiidae) of the south Pacific Archipelago of Juan Fernandez. Cladistics, 2021, 37, 317-342.	3.3	7
76	Until dirt do us apart: On the unremarkable palp morphology of the spider <i>Sternospina concretipalpis</i> Schmidt & Krause, 1993, with comments on the genus <i>Prionolaema</i> Simon, 1894 (Araneae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.5	6
77	Taxonomy and Phylogenetics of Nanometinae and Other Australasian Orb-Weaving Spiders (Araneae: Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 6	3.4	7
78	The strange case of <i>Laetesia raveni</i> n. sp., a green linyphiid spider from Eastern Australia with a preference for thorny plants (Araneae, Linyphiidae) . Zootaxa, 2014, 3811, 83.	0.5	6
79	The Shape of Weaver: Investigating Shape Disparity in Orb-Weaving Spiders (Araneae, Araneidae) Using Geometric Morphometrics. Evolutionary Biology, 2019, 46, 317-331.	1.1	6
80	A new American species of the spider genus <i>Pimoida</i> (Araneae, Pimoidae) . Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.5	5
81	Evolution of the male palp morphology of the orb-weaver hunting spider <i>Chorizopes</i> (Araneae : Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Madagascar. Invertebrate Systematics, 2019, , .	1.3	5
82	On the Phylogenetic Placement of the Spider Genus <i>Atimiosa</i> Simon, 1895, and the Circumscription of <i>Dolichognatha</i> O.P.-Cambridge, 1869 (Tetragnathidae, Araneae). American Museum Novitates, 2010, 3683, 1-19.	0.6	4
83	Species conservation profile of the stenoendemic cave spider <i>Pimoida delphinica</i> (Araneae, Pimoidae) from the Varaita valley (NW-Italy). Biodiversity Data Journal, 2017, 5, e11509.	0.8	4
84	Take a deep breath! The evolution of the respiratory system of symphytognathoid spiders (Araneae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.6	4
85	Hooroo mates! Phylogenomic data suggest that the closest relatives of the iconic Tasmanian cave spider <i>Hickmania troglodytes</i> are in Australia and New Zealand, not in South America. Invertebrate Systematics, 2021, , .	1.3	4
86	Female genital morphology in the secondarily haplogyne spider genus <i>Glenognatha</i> Simon, 1887 (Araneae, Tetragnathidae), with comments on its phylogenetic significance. Journal of Morphology, 2014, 275, 1027-1040.	1.2	3
87	Redescription and phylogenetic placement of the Hispaniolan spider genus <i>Lomaita</i> Bryant, 1948 (Araneae, Linyphiidae). Zootaxa, 2015, 3920, 249-64.	0.5	3
88	Systematics of the Neotropical spider genera <i>Jalapyphantes</i> and <i>Selenyphantes</i> and the circumscription of the <i>Pocobletus</i> clade (Araneae: Linyphiidae). Zoological Journal of the Linnean Society, 2021, 192, 896-957.	2.3	3
89	A molecular phylogeny of the circum-Antarctic Opiliones family <i>Neopilionidae</i> . Invertebrate Systematics, 2021, 35, 827-849.	1.3	3
90	Notes on two problematic eastern Asian species of the spider genus <i>Oecobius</i> (Araneae, Oecobiidae.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.5	2

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91	On the Australian linyphiid spider <i>Alaxchelicerca ordinaria</i> Butler, 1932 (Araneae). <i>Zootaxa</i> , 2013, 3750, 193-6.	0.5	2
92	The discovery of the spider genus <i>Putaoa</i> (Araneae, Pimoidae) in Taiwan with the description of a new species, including its web architecture. <i>Zootaxa</i> , 2017, 4341, 97.	0.5	2
93	Phylogeny, evolution and systematic revision of the mite harvestman family Neogoveidae (Opiliones) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	2
94	Molecular phylogeny of the orb-weaving spider genus <i>Leucauge</i> and the intergeneric relationships of <i>Leucauginae</i> (Araneae, Tetragnathidae). <i>Invertebrate Systematics</i> , 2021, 35, 922-939.	1.3	2
95	The Biology of Camel-Spiders (Arachnida, Solifugae).â€”Fred Punzo. 1998. Kluwer Academic Publishers, Norwell, Massachusetts. 301 pp. ISBN 0-792-38155-6 \$135.00 (hard cover).. <i>Systematic Biology</i> , 2000, 49, 613-614.	5.6	1
96	Case 3541 metinae Simon, 1894 (Arachnida, Araneae, tetragnathidae): proposed emendation of the current spelling to metainae to remove homonymy with metidae Boeck, 1872 (Crustacea, Copepoda). <i>Bulletin of Zoological Nomenclature</i> , 2011, 68, 262-266.	0.1	1
97	Redescription of the Jamaican orb-weaving spider Chrysometa pecki Levi, 1986 (Araneae, Tetragnathidae), including the first description of the male. <i>Zootaxa</i> , 2016, 4066, 95.	0.5	1
98	The malkarid spiders of New Zealand (Araneae : Malkaridae). <i>Invertebrate Systematics</i> , 2020, , .	1.3	1
99	Phylogenetic placement of the stone-nest orb-weaving spider <i>Nemoscolus</i> Simon, 1895 (Araneae :) Tj ETQq1 1 0.784314 rgBT /Overl 893.	1.3	1
100	<italic>Weintrauboa</italic>, a new genus of pimoid spiders from Japan and adjacent islands, with comments on the monophyly and diagnosis of the family Pimoidae and the genus <italic>Pimoa</italic> (Araneoidea, Araneae). <i>Zoological Journal of the Linnean Society</i> , 2003, , .	2.3	0
101	Case 3580 <i>Exechocentrus lancearius</i> Simon, 1889 (Arachnida, Araneae, araneidae): proposed replacement of the holotype by a neotype. <i>Bulletin of Zoological Nomenclature</i> , 2012, 69, 88-91.	0.1	0
102	New species of the pirate spider genus <i>Mimetus</i> Hentz, 1832 from China with a cladistic hypothesis on their phylogenetic placement (Araneae, Mimetidae). <i>Zootaxa</i> , 2021, 5020, 1-30.	0.5	0