

Tony Gamble

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

4,505
citations

230014

27
h-index

129628

63
g-index

85
all docs

85
docs citations

85
times ranked

6227
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-specific aging in animals: Perspective and future directions. <i>Aging Cell</i> , 2022, 21, e13542.	3.0	36
2	Convergent developmental patterns underlie the repeated evolution of adhesive toe pads among lizards. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 518-532.	0.7	5
3	The evolutionary history of an accidental model organism, the leopard gecko <i>Eublepharis macularius</i> (Squamata: Eublepharidae). <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107414.	1.2	13
4	Two new species of geckos of the genus <i>Phyllopezus</i> Peters, 1878 (Squamata: Gekkota: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (0.2	4
5	Atypical tuning and amplification mechanisms in gecko auditory hair cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122501119.	3.3	5
6	Chromosome-Level Genome Assembly Reveals Dynamic Sex Chromosomes in Neotropical Leaf-Litter Geckos (Sphaerodactylidae: <i>Sphaerodactylus</i>). <i>Journal of Heredity</i> , 2022, 113, 272-287.	1.0	19
7	Genetic sex test for the short-beaked echidna (<i>Tachyglossus aculeatus</i>). <i>Conservation Genetics Resources</i> , 2022, 14, 271-278.	0.4	1
8	Identification of a cis-sex chromosome transition in banded geckos (<i>Coleonyx</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (0.8	10
9	Sex Chromosome Turnover in Bent-Toed Geckos (<i>Cyrtodactylus</i>). <i>Genes</i> , 2021, 12, 116.	1.0	21
10	A Comparison of the Foraging Biology of Two Tropical Gecko Species in Disturbed Areas. <i>South American Journal of Herpetology</i> , 2021, 19, .	0.5	1
11	A Chromosome-Level Genome Assembly of the Parasitoid Wasp, <i>Cotesia glomerata</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 622 Td (1.0	11
12	And thereby hangs a tail: morphology, developmental patterns and biomechanics of the adhesive tails of crested geckos (<i>Correlophus ciliatus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210650.	1.2	14
13	A brief review of vertebrate sex evolution with a pledge for integrative research: towards sexomics™. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200426.	1.8	39
14	Do male and female heterogamety really differ in expression regulation? Lack of global dosage balance in pygopodid geckos. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200102.	1.8	17
15	Sex chromosome evolution among amniotes: is the origin of sex chromosomes non-random?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200108.	1.8	32
16	Comparative riverscape genomics of the rainbow darter (<i>Etheostoma caeruleum</i>) in glaciated and unglaciated environments. <i>Ecology and Evolution</i> , 2021, 11, 18305-18318.	0.8	2
17	Optimizing Phylogenomics with Rapidly Evolving Long Exons: Comparison with Anchored Hybrid Enrichment and Ultraconserved Elements. <i>Molecular Biology and Evolution</i> , 2020, 37, 904-922.	3.5	39
18	The development of cephalic armor in the tokay gecko (Squamata: Gekkonidae: <i>Gekko</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (0.6	16

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19	Ecological, behavioral, and phylogenetic influences on the evolution of dorsal color pattern in geckos*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1033-1047.	1.1	21
20	Conserved ZZ/ZW sex chromosomes in Caribbean croaking geckos (<i>Aristelliger</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,702 Td (S</i>	0.8	13
21	Cross-Species BAC Mapping Highlights Conservation of Chromosome Synteny across Dragon Lizards (Squamata: Agamidae). <i>Genes</i> , 2020, 11, 698.	1.0	5
22	First Report of Sex Chromosomes in Night Lizards (Scincoidea: Xantusiidae). <i>Journal of Heredity</i> , 2020, 111, 307-313.	1.0	24
23	Distinct patterns of pigment development underlie convergent hyperpigmentation between nocturnal and diurnal geckos (Squamata: Gekkota). <i>BMC Evolutionary Biology</i> , 2020, 20, 40.	3.2	5
24	Escaping the evolutionary trap? Sex chromosome turnover in basilisks and related lizards (Corytophanidae: Squamata). <i>Biology Letters</i> , 2019, 15, 20190498.	1.0	38
25	Transcriptomic data support a nocturnal bottleneck in the ancestor of gecko lizards. <i>Molecular Phylogenetics and Evolution</i> , 2019, 141, 106639.	1.2	21
26	ZZ/ZW Sex Chromosomes in the Endemic Puerto Rican Leaf-Toed Gecko (<i>Phyllodactylus wirshingi</i>). <i>Cytogenetic and Genome Research</i> , 2019, 157, 89-97.	0.6	20
27	Embryonic development of a parthenogenetic vertebrate, the mourning gecko (<i>Lepidodactylus</i>). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 19</i>	0.8	19
28	Isolating and quantifying the role of developmental noise in generating phenotypic variation. <i>PLoS Computational Biology</i> , 2019, 15, e1006943.	1.5	16
29	Evolution of the Gekkotan Adhesive System: Does Digit Anatomy Point to One or More Origins?. <i>Integrative and Comparative Biology</i> , 2019, 59, 131-147.	0.9	30
30	The transcriptome of the veiled chameleon (<i>Chamaeleo calytratus</i>): A resource for studying the evolution and development of vertebrates. <i>Developmental Dynamics</i> , 2019, 248, 702-708.	0.8	26
31	Duplications in Corneous Beta Protein Genes and the Evolution of Gecko Adhesion. <i>Integrative and Comparative Biology</i> , 2019, 59, 193-202.	0.9	15
32	Persistence of a Geographically-Stable Hybrid Zone in Puerto Rican Dwarf Geckos. <i>Journal of Heredity</i> , 2019, 110, 523-534.	1.0	14
33	The sprightly little sphaerodactyl: Systematics and biogeography of the Puerto Rican dwarf geckos <i>Sphaerodactylus</i> (Gekkota, Sphaerodactylidae). <i>Zootaxa</i> , 2019, 4712, zootaxa.4712.2.1.	0.2	10
34	Population genetic structure and species delimitation of a widespread, Neotropical dwarf gecko. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 54-66.	1.2	29
35	Sex chromosomes and sex-specific molecular markers in Indo-Pacific combtooth blennies (Blenniidae). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 8</i>	0.9	8
36	Dynamic sex chromosomes in Old World chameleons (Squamata: Chamaeleonidae). <i>Journal of Evolutionary Biology</i> , 2018, 31, 484-490.	0.8	46

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37	XX/XY Sex Chromosomes in the South American Dwarf Gecko (<i>Gonatodes humeralis</i>). <i>Journal of Heredity</i> , 2018, 109, 462-468.	1.0	23
38	A new species of <i>Brasilotyphlus</i> (Gymnophiona: Siphonopidae) and a contribution to the knowledge of the relationship between <i>Microcaecilia</i> and <i>Brasilotyphlus</i> . <i>Zootaxa</i> , 2018, 4527, 186-196.	0.2	4
39	Cryptic Diversity in the Neotropical Gecko Genus <i>Phyllopezus</i> Peters, 1878 (Reptilia: Squamata: Tj ETQq1 1 0,784314,rgBT/O	0.3	7
40	Molecular Adaptations for Sensing and Securing Prey and Insight into Amniote Genome Diversity from the Garter Snake Genome. <i>Genome Biology and Evolution</i> , 2018, 10, 2110-2129.	1.1	72
41	Repeated evolution of digital adhesion in geckos: a reply to Harrington and Reeder. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1429-1436.	0.8	13
42	Cool Geckos: Does Plesiomorphy Explain Morphological Similarities between Geckos from the Southern Cone?. <i>Journal of Herpetology</i> , 2017, 51, 330.	0.2	13
43	The Discovery of XY Sex Chromosomes in a Boa and Python. <i>Current Biology</i> , 2017, 27, 2148-2153.e4.	1.8	105
44	Indels ascertain the phylogenetic position of <i>Coleodactylus elizae</i> Gonçalves, Torquato, Skuk & Sena, 2012 (Gekkota: Sphaerodactylidae). <i>Zootaxa</i> , 2016, 4084, 147-50.	0.2	1
45	On the origin of frictional adhesion in geckos: small morphological changes lead to a major biomechanical transition in the genus <i>Gonatodes</i> . <i>Biological Journal of the Linnean Society</i> , 2016, , .	0.7	4
46	Draft genome of the leopard gecko, <i>Eublepharis macularius</i> . <i>GigaScience</i> , 2016, 5, 47.	3.3	55
47	Using RAD-seq to recognize sex-specific markers and sex chromosome systems. <i>Molecular Ecology</i> , 2016, 25, 2114-2116.	2.0	62
48	Cryptic lineages and diversification of an endemic anole lizard (Squamata, Dactyloidae) of the Cerrado hotspot. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 279-289.	1.2	63
49	The evolution of digit form in <i>Gonatodes</i> (Gekkota: Sphaerodactylidae) and its bearing on the transition from frictional to adhesive contact in gekkotans. <i>Journal of Morphology</i> , 2015, 276, 1311-1332.	0.6	28
50	Restriction Site-Associated DNA Sequencing (RAD-seq) Reveals an Extraordinary Number of Transitions among Gecko Sex-Determining Systems. <i>Molecular Biology and Evolution</i> , 2015, 32, 1296-1309.	3.5	233
51	The Genome 10K Project: A Way Forward. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 57-111.	3.6	294
52	Into the light: diurnality has evolved multiple times in geckos. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 896-910.	0.7	123
53	Taxonomic assessment of Alligator Snapping Turtles (<i>Chelydridae</i> : <i>Macrochelys</i>), with the description of two new species from the southeastern United States. <i>Zootaxa</i> . 2014. 3786. 141.	0.2	41
54	Non-Homologous Sex Chromosomes in Two Geckos (Gekkoniae: Gekkota) with Female Heterogamety. <i>Cytogenetic and Genome Research</i> , 2014, 143, 251-258.	0.6	21

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55	Identification of sex-specific molecular markers using restriction site-associated DNA sequencing. <i>Molecular Ecology Resources</i> , 2014, 14, 902-913.	2.2	124
56	<i>ANOLIS</i> SEX CHROMOSOMES ARE DERIVED FROM A SINGLE ANCESTRAL PAIR. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1027-1041.	1.1	107
57	Left-right dewlap asymmetry and phylogeography of <i>Anolis lineatus</i> on Aruba and Curaçao. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 409-426.	0.7	17
58	The conservation status of the world's reptiles. <i>Biological Conservation</i> , 2013, 157, 372-385.	1.9	642
59	Karyotypes of two species of Malagasy ground gecko (<i>Paroedura</i> : Gekkonidae). <i>African Journal of Herpetology</i> , 2012, 61, 81-90.	0.3	14
60	Phylogeny and cryptic diversity in geckos (Phyllopezus; Phyllodactylidae; Gekkota) from South America's open biomes. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 943-953.	1.2	55
61	Repeated Origin and Loss of Adhesive Toepads in Geckos. <i>PLoS ONE</i> , 2012, 7, e39429.	1.1	215
62	Two Naturally Occurring Intergeneric Hybrid Snakes (<i>Pituophis catenifer sayi</i> — <i>Pantherophis</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i> 2012, 46, 257-262.	0.2	12
63	Sex determination. <i>Current Biology</i> , 2012, 22, R257-R262.	1.8	81
64	DEEP DIVERSIFICATION AND LONG-TERM PERSISTENCE IN THE SOUTH AMERICAN "DRY DIAGONAL": INTEGRATING CONTINENT-WIDE PHYLOGEOGRAPHY AND DISTRIBUTION MODELING OF GECKOS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3014-3034.	1.1	162
65	<i>Anolis chrysolepis</i> Duméril and Bibron, 1837 (Squamata: Iguanidae), Revisited: Molecular Phylogeny and Taxonomy of the <i>Anolis chrysolepis</i> Species Group. <i>Bulletin of the Museum of Comparative Zoology</i> , 2011, 160, 35-63.	1.0	19
66	<i>Gekko canaensis</i> sp. nov. (Squamata: Gekkonidae), a new gecko from Southern Vietnam. <i>Zootaxa</i> , 2011, 2890, 53.	0.2	3
67	Coming to America: multiple origins of New World geckos. <i>Journal of Evolutionary Biology</i> , 2011, 24, 231-244.	0.8	180
68	A new genus of miniaturized and pug-nosed gecko from South America (Sphaerodactylidae: Gekkota). <i>Zoological Journal of the Linnean Society</i> , 2011, 163, 1244-1266.	1.0	38
69	A Review of Sex Determining Mechanisms in Geckos (Gekkota: Squamata). <i>Sexual Development</i> , 2010, 4, 88-103.	1.1	104
70	Post-glacial expansion into the Paleozoic Plateau: evidence of an Ozarkian refugium for the Ozark minnow <i>Notropis nubilus</i> (Teleostei: Cypriniformes). <i>Journal of Fish Biology</i> , 2010, 77, 1114-1136.	0.7	15
71	Genome 10K: A Proposal to Obtain Whole-Genome Sequence for 10,000 Vertebrate Species. <i>Journal of Heredity</i> , 2009, 100, 659-674.	1.0	504
72	Evidence for Gondwanan vicariance in an ancient clade of gecko lizards. <i>Journal of Biogeography</i> , 2008, 35, 88-104.	1.4	95

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73	Tertiary climate change and the diversification of the Amazonian gecko genus <i>Gonatodes</i> (Sphaerodactylidae, Squamata). <i>Molecular Phylogenetics and Evolution</i> , 2008, 46, 269-277.	1.2	60
74	Species limits and phylogeography of North American cricket frogs (<i>Acris</i> : Hylidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 112-125.	1.2	53
75	Phylogeography of the bigeye chub <i>Hybopsis amblops</i> (Teleostei: Cypriniformes): early Pleistocene diversification and post-glacial range expansion. <i>Journal of Fish Biology</i> , 2008, 73, 2021-2039.	0.7	26
76	Out of the blue: a novel, trans-Atlantic clade of geckos (<i>Gekkota</i> , Squamata). <i>Zoologica Scripta</i> , 2008, 37, 355-366.	0.7	142
77	Incidence of Aural Abscesses in Painted Turtle (<i>Chrysemys picta</i>) Populations in Minnesota. <i>Chelonian Conservation and Biology</i> , 2007, 6, 293.	0.1	5
78	Comparison of harvested and nonharvested painted turtle populations. <i>Wildlife Society Bulletin</i> , 2004, 32, 1269-1277.	1.6	18
79	Establishment of the Common House Gecko, <i>Hemidactylus frenatus</i> Duméril & Bibron, on Saint Lucia. <i>Caribbean Herpetology</i> , 0, , 1-3.	0.0	2