

Geoff K Chambers

List of Publications by Year in descending order

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79
papers

3,189
citations

172207

29
h-index

161609

54
g-index

82
all docs

82
docs citations

82
times ranked

3848
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effective Mutation Rate at Y Chromosome Short Tandem Repeats, with Application to Human Population-Divergence Time. <i>American Journal of Human Genetics</i> , 2004, 74, 50-61.	2.6	353
2	The Genetic Structure of Pacific Islanders. <i>PLoS Genetics</i> , 2008, 4, e19.	1.5	251
3	Microsatellites: consensus and controversy. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 126, 455-476.	0.7	237
4	A Multilocus Molecular Phylogeny of the Parrots (Psittaciformes): Support for a Gondwanan Origin during the Cretaceous. <i>Molecular Biology and Evolution</i> , 2008, 25, 2141-2156.	3.5	201
5	Combined Data, Bayesian Phylogenetics, and the Origin of the New Zealand Cicada Genera. <i>Systematic Biology</i> , 2002, 51, 4-18.	2.7	167
6	Sequence of the Structural Gene for Xanthine Dehydrogenase (<i>rosy</i> Locus) in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 1987, 116, 67-73.	1.2	129
7	Exploring Among-Site Rate Variation Models in a Maximum Likelihood Framework Using Empirical Data: Effects of Model Assumptions on Estimates of Topology, Branch Lengths, and Bootstrap Support. <i>Systematic Biology</i> , 2001, 50, 67-86.	2.7	112
8	Evaluating Hypotheses on the Origin and Evolution of the New Zealand Alpine Cicadas (<i>Maoricicada</i>) Using Multiple-Comparison Tests of Tree Topology. <i>Molecular Biology and Evolution</i> , 2001, 18, 223-234.	3.5	94
9	PHYLOGEOGRAPHY OF THE NEW ZEALAND CICADA MAORICICADA CAMPBELLI BASED ON MITOCHONDRIAL DNA SEQUENCES: ANCIENT CLADES ASSOCIATED WITH CENOZOIC ENVIRONMENTAL CHANGE. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1395-1407.	1.1	93
10	Are "Cultures" Inherited? Multidisciplinary Perspectives on the Origins and Migrations of Austronesian-Speaking Peoples Prior to 1000 bc. , 2011, , 321-354.		71
11	Maori origins, Y-chromosome haplotypes and implications for human history in the Pacific. <i>Human Mutation</i> , 2001, 17, 271-280.	1.1	70
12	The <i>Drosophila</i> Alcohol Dehydrogenase Gene "Enzyme System. <i>Advances in Genetics</i> , 1988, , 39-107.	0.8	69
13	A stereochemical imperative in dehydrogenases: new data and criteria for evaluating function-based theories in bioorganic chemistry. <i>Journal of the American Chemical Society</i> , 1985, 107, 5513-5517.	6.6	66
14	Mutational amino acid replacements in <i>Neurospora crassa</i> NADP-specific glutamate dehydrogenase. <i>Journal of Molecular Biology</i> , 1976, 106, 1-22.	2.0	54
15	Sequence, structure and evolution of the gene coding for sn-glycerol-3-phosphate dehydrogenase in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 1989, 17, 8553-8567.	6.5	52
16	Determination of Cibacron blue F3GA substitution in blue Sephadex and blue dextran-Sepharose. <i>Analytical Biochemistry</i> , 1977, 83, 551-556.	1.1	51
17	Genetic Structure of Blue Duck (<i>Hymenolaimus malacorhynchos</i>) Populations Revealed by DNA Fingerprinting. <i>Auk</i> , 1992, 109, 80-89.	0.7	51
18	Using molecular methods to understand the Gondwanan affinities of the New Zealand biota: three case studies. <i>Australian Journal of Botany</i> , 2001, 49, 377.	0.3	50

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19	A review of genetic analyses of hybridisation in New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2009, 39, 15-34.	1.0	47
20	Absence of daily cycles in plasma sex steroids in male and female tuatara (<i>Sphenodon punctatus</i>), and the effects of acute capture stress on females. <i>General and Comparative Endocrinology</i> , 1990, 79, 103-113.	0.8	45
21	DNA fingerprinting in zoology: past, present, future. <i>Investigative Genetics</i> , 2014, 5, 3.	3.3	45
22	Genetic variation in island populations of tuatara (<i>Sphenodon</i> spp) inferred from microsatellite markers. <i>Conservation Genetics</i> , 2007, 8, 305-318.	0.8	44
23	Human Evolution in Polynesia. <i>Human Biology</i> , 2005, 77, 157-177.	0.4	42
24	Surviving glacial ages within the Biotic Gap: phylogeography of the New Zealand cicada <i>Maoricicada campbelli</i> . <i>Journal of Biogeography</i> , 2009, 36, 675-692.	1.4	41
25	Testing the thrifty gene hypothesis: the Gly482Ser variant in PPARGC1A is associated with BMI in Tongans. <i>BMC Medical Genetics</i> , 2011, 12, 10.	2.1	38
26	KIR diversity in Māori and Polynesians: populations in which HLA-B is not a significant KIR ligand. <i>Immunogenetics</i> , 2014, 66, 597-611.	1.2	36
27	ORIGIN AND EXPRESSION OF AN ALCOHOL DEHYDROGENASE GENE DUPLICATION IN THE GENUS <i>DROSOPHILA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1984, 38, 644-657.	1.1	34
28	The Genetics of Alcoholism in Polynesians: Alcohol and Aldehyde Dehydrogenase Genotypes in Young Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 949-955.	1.4	34
29	A phylogenetic study of the genus <i>Schizopora</i> (Basidiomycota) based on ITS DNA sequences. <i>Mycological Research</i> , 2000, 104, 1155-1163.	2.5	33
30	Variation in the biochemical properties of the <i>Drosophila</i> alcohol dehydrogenase allozymes. <i>Biochemical Genetics</i> , 1984, 22, 153-168.	0.8	29
31	Mapping eQTLs in the Norfolk Island Genetic Isolate Identifies Candidate Genes for CVD Risk Traits. <i>American Journal of Human Genetics</i> , 2013, 93, 1087-1099.	2.6	28
32	The Albumins of Chinook Salmon (<i>Oncorhynchus tshawytscha</i>) and Brown Trout (<i>Salmo trutta</i>) Appear to Lack a Propeptide. <i>Archives of Biochemistry and Biophysics</i> , 1998, 350, 239-244.	1.4	27
33	National survey of molecular bacterial diversity of New Zealand groundwater: relationships between biodiversity, groundwater chemistry and aquifer characteristics. <i>FEMS Microbiology Ecology</i> , 2013, 86, 490-504.	1.3	26
34	Genetic analysis of interspecific hybridisation in the world's only Forbes' parakeet (<i>Cyanoramphus</i>) <i>Tj ETQq0 0 0 rgBT, /Overlock</i>	0.8	25
35	High density lipoprotein (HDL), and not albumin, is the major palmitate binding protein in New Zealand long-finned (<i>Anguilla dieffenbachii</i>) and short-finned eel (<i>Anguilla australis schmidtii</i>) plasma. <i>BBA - Proteins and Proteomics</i> , 1999, 1429, 467-475.	2.1	24
36	Complete Mitochondrial Genome Sequencing Reveals Novel Haplotypes in a Polynesian Population. <i>PLoS ONE</i> , 2012, 7, e35026.	1.1	23

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37	Slow Estradiol-induced Vitellogenesis in the Tuatara, <i>Sphenodon punctatus</i> . <i>Physiological Zoology</i> , 1991, 64, 1234-1251.	1.5	22
38	Natal philopatry does not lead to population genetic differentiation in Buller's albatross (<i>Thalassarche bulleri bulleri</i>). <i>Molecular Ecology</i> , 2005, 15, 73-79.	2.0	21
39	Gene expression, adaptation and evolution in higher organisms. Evidence from studies of <i>Drosophila</i> alcohol dehydrogenases. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 99, 723-730.	0.2	20
40	Alcohol-oxidizing enzymes in 13 <i>Drosophila</i> species. <i>Biochemical Genetics</i> , 1978, 16, 757-767.	0.8	19
41	The Norfolk Island Green Parrot and New Caledonian Red-crowned Parakeet are distinct species. <i>Emu</i> , 2001, 101, 113-121.	0.2	19
42	Purification, Partial Characterization and Peptide Sequences of Vitellogenin from a Reptile, the Tuatara (<i>Sphenodon punctatus</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 117, 159-168.	0.7	16
43	Identification of a 130-kDa albumin in tuatara (<i>Sphenodon</i>) and detection of a novel albumin polymorphism. <i>Biochemical Genetics</i> , 1995, 33, 189-204.	0.8	15
44	Characterization of variable microsatellite loci in Forbes's parakeet (<i>Cyanoramphus forbesi</i>) and their use in other parrots. <i>Conservation Genetics</i> , 2006, 6, 651-654.	0.8	15
45	Morphological, behavioural and genetic differentiation within the Horned Parakeet (<i>Eunymphicus</i>). <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.2	14
46	The genetics of alcoholism in Polynesians: alcohol and aldehyde dehydrogenase genotypes in young men. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 949-55.	1.4	14
47	The genetics of human alcohol metabolism. <i>General Pharmacology</i> , 1990, 21, 267-272.	0.7	13
48	Substrate and inhibitor specificities of the thermostable alcohol dehydrogenase allozymes ADH-71k and ADH-FCh.D. of <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1994, 32, 91-103.	0.8	12
49	Inference of population subdivision from the VNTR distributions of New Zealanders. <i>Genetica</i> , 1995, 96, 37-49.	0.5	12
50	Isolation and characterization of microsatellites in the kakerori (<i>Pomarea dimidiata</i>) using feathers as source of DNA. <i>Conservation Genetics</i> , 2008, 9, 1067-1070.	0.8	12
51	Genetic variation in the kakerori (<i>Pomarea dimidiata</i>), an endangered endemic bird successfully recovering in the Cook Islands. <i>Conservation Genetics</i> , 2011, 12, 441-447.	0.8	12
52	Macromolecular interaction and the electrophoretic mobility of esterase-5 from <i>Drosophila pseudoobscura</i> . <i>Biochemical Genetics</i> , 1987, 25, 287-307.	0.8	11
53	Ancient Genetic Signatures of Orang Asli Revealed by Killer Immunoglobulin-Like Receptor Gene Polymorphisms. <i>PLoS ONE</i> , 2015, 10, e0141536.	1.1	11
54	The species problem: seeking new solutions for philosophers and biologists. <i>Biology and Philosophy</i> , 2012, 27, 755-765.	0.7	10

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55	Bacterial bioclusters relate to hydrochemistry in New Zealand groundwater. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	10
56	Plasma Concentrations of Vitellogenin and Sex Steroids in Female Tuatara (<i>Sphenodon punctatus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227</i>	0.8	9
57	Characterization of microsatellite loci in the Kaka, <i>Nestor meridionalis</i> . <i>Molecular Ecology Notes</i> , 2004, 4, 623-625.	1.7	9
58	A preliminary molecular analysis of phylogenetic and biogeographic relationships of New Zealand Thomisidae (Araneae) using a multi-locus approach. <i>Invertebrate Systematics</i> , 2013, 27, 655.	0.5	9
59	â€˜Mutiny on the Bountyâ€™: the genetic history of Norfolk Island reveals extreme gender-biased admixture. <i>Investigative Genetics</i> , 2015, 6, 11.	3.3	9
60	Purification and partial characterization of alcohol dehydrogenase, fructose-1,6-bisphosphate aldolase and the cytoplasmic form of malate dehydrogenase from <i>Drosophila melanogaster</i> . <i>Insect Biochemistry</i> , 1984, 14, 359-368.	1.8	7
61	Purification and Partial Amino Acid Sequences of Two Distinct Albumins from Turtle Plasma. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 118, 367-374.	0.7	6
62	Forensic DNA profiling: The importance of giving accurate answers to the right questions. <i>Criminal Law Forum</i> , 1997, 8, 445-459.	0.2	6
63	Distribution of cytokine gene polymorphisms in six Orang Asli subgroups in Peninsular Malaysia. <i>Human Immunology</i> , 2016, 77, 338-339.	1.2	6
64	Genetic connectivity in allopatric seabirds: lack of inferred gene flow between Northern and Southern Bullerâ€™s albatross populations (<i>Thalassarche bulleri</i> ssp.). <i>Emu</i> , 2021, 121, 113-123.	0.2	6
65	Variation in plasma constituents during the natural vitellogenic cycle of tuatara, <i>Sphenodon Punctatus</i> . <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1991, 100, 705-710.	0.2	5
66	Dating nodes on molecular phylogenies: older or younger than the Earth itself?. <i>Cladistics</i> , 2005, 21, 403-403.	1.5	5
67	Molecular analysis of bacterial communities in groundwaters from selected wells in the Hutt Valley and the Wairarapa, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2006, 40, 91-106.	0.8	5
68	Identification and partial characterization of Î±2-macroglobulin from the tuatara (<i>Sphenodon</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227</i>	0.7	4
69	Microsatellite analysis reveals substantial levels of genetic variation but low levels of genetic divergence among isolated populations of Kaka (<i>Nestor meridionalis</i>). <i>Emu</i> , 2006, 106, 329-338.	0.2	4
70	A unique demographic history exists for the MAO-A gene in Polynesians. <i>Journal of Human Genetics</i> , 2012, 57, 294-300.	1.1	4
71	Molecular phylogenetic analysis of New Zealand mosquito species. <i>New Zealand Journal of Zoology</i> , 2020, 47, 324-349.	0.6	4
72	Isolation of the cytoplasmic form of malate dehydrogenase from honey bee (<i>Apis mellifera</i>) larvae. <i>Biochemical and Biophysical Research Communications</i> , 1979, 88, 668-675.	1.0	3

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73	Haplotype analysis at the alcohol dehydrogenase gene region in New Zealand Māori. <i>Journal of Human Genetics</i> , 2007, 52, 191-194.	1.1	3
74	A Phenomic Scan of the Norfolk Island Genetic Isolate Identifies a Major Pleiotropic Effect Locus Associated with Metabolic and Renal Disorder Markers. <i>PLoS Genetics</i> , 2015, 11, e1005593.	1.5	3
75	Human Platelet Antigen Datasets for Malays, Chinese, and Indians in Peninsular Malaysia. <i>Annals of Laboratory Medicine</i> , 2020, 40, 493-499.	1.2	2
76	The enigma of the San Lesmes (response to Langdon, 2002). <i>Human Mutation</i> , 2002, 19, 181-182.	1.1	1
77	Anting by Golden Bowerbird <i>Prionodura newtoniana</i> . <i>Emu</i> , 1981, 81, 112-113.	0.2	1
78	Letter to the Editor: A new phenomenon in medical publishing: The autonomous citation. <i>Journal of Clinical Epidemiology</i> , 2021, , .	2.4	0
79	Estimation of genomic ancestry in admixed populations. <i>F1000Research</i> , 0, 5, 779.	0.8	0