

# Graham P Wallis

## List of Publications by Year in descending order

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115  
papers

4,906  
citations

53751

45  
h-index

106281

65  
g-index

117  
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117  
docs citations

117  
times ranked

3828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary Genetics and Biogeography of Galaxiid Fishes (Teleostei: Galaxiiformes: Galaxiidae). <i>Diversity</i> , 2021, 13, 153.	0.7	0
2	First evidence of deviation from Mendelian proportions in a conservation programme. <i>Molecular Ecology</i> , 2021, 30, 3703-3715.	2.0	2
3	Morphological plasticity of the Aden Nerite, <i>Nerita adenensis</i> Mienis, 1978 (Gastropoda: Cycloneritida: Neritidae). <i>Journal of Biogeography</i> , 2021, 48, 102-114.	0.2	0
4	A Review of Galaxias (Galaxiidae) Fossils from the Southern Hemisphere. <i>Diversity</i> , 2020, 12, 208.	0.7	3
5	Persisting in a glaciated landscape: Pleistocene microrefugia evidenced by the tree-ring width of <i>Hemideina maori</i> in central South Island, New Zealand. <i>Journal of Biogeography</i> , 2020, 47, 2518-2531.	1.4	6
6	Thirty years of conservation genetics in New Zealand: what have we learnt?. <i>Journal of the Royal Society of New Zealand</i> , 2019, 49, 320-346.	1.0	6
7	The winners: species that have benefited from 30 years of conservation action. <i>Journal of the Royal Society of New Zealand</i> , 2019, 49, 281-300.	1.0	7
8	Going under down under? Lineage ages argue for extensive survival of the Oligocene marine transgression on Zealandia. <i>Molecular Ecology</i> , 2018, 27, 4368-4396.	2.0	39
9	Natura Fecit Saltum: Punctationalism Pervades the Natural Sciences. <i>Journal of Biogeography</i> , 2018, 45, 341-361.		0
10	Biological memory of the first Pleistocene glaciation in New Zealand. <i>Geology</i> , 2017, 45, 595-598.	2.0	10
11	Interspecific hybridization causes long-term phylogenetic discordance between nuclear and mitochondrial genomes in freshwater fishes. <i>Molecular Ecology</i> , 2017, 26, 3116-3127.	2.0	61
12	Does wing size shape insect biogeography? Evidence from a diverse regional stonefly assemblage. <i>Global Ecology and Biogeography</i> , 2017, 26, 93-101.	2.7	42
13	Evolution of the Taieri River catchment, East Otago, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2016, 59, 257-273.	1.0	16
14	Transverse Alpine Speciation Driven by Glaciation. <i>Trends in Ecology and Evolution</i> , 2016, 31, 916-926.	4.2	116
15	Rapid biological speciation driven by tectonic evolution in New Zealand. <i>Nature Geoscience</i> , 2016, 9, 140-144.	5.4	74
16	A time-calibrated phylogeny of southern hemisphere stoneflies: Testing for Gondwanan origins. <i>Molecular Phylogenetics and Evolution</i> , 2016, 96, 150-160.	1.2	66
17	Within-river genetic connectivity patterns reflect contrasting geomorphology. <i>Journal of Biogeography</i> , 2015, 42, 2452-2460.	1.4	13
18	Fiord populations of <i>Astrobrachion constrictum</i> (Ophiuroidea: Asteroschematidae) show little genetic differentiation for mitochondrial DNA. <i>New Zealand Journal of Zoology</i> , 2015, 42, 165-172.	0.6	2

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19	Geology shapes biogeography: Quaternary river-capture explains New Zealand's biologically composite Taieri River. <i>Quaternary Science Reviews</i> , 2015, 120, 47-56.	1.4	21
20	Taxonomic validity and phylogenetic relationships of a newly-described tooth-carp, <i>Aphanius mesopotamicus</i> Coad, 2009 (Teleostei: Cyprinodontidae). <i>Zootaxa</i> , 2014, 3780, 594.	0.2	4
21	The modality of nine <i>Triturus</i> newt hybrid zones assessed with nuclear, mitochondrial and morphological data. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 604-622.	0.7	57
22	A Preliminary Transcriptomic Study of Galaxiid Fishes Reveals a Larval Glycoprotein Gene Under Strong Positive Selection. , 2014, , 47-68.		0
23	Behavioural evolution in penguins does not reflect phylogeny. <i>Cladistics</i> , 2014, 30, 243-259.	1.5	3
24	Episodic Positive Selection in the Evolution of Avian Toll-Like Receptor Innate Immunity Genes. <i>PLoS ONE</i> , 2014, 9, e89632.	1.1	86
25	Biogeography Off the Tracks. <i>Systematic Biology</i> , 2013, 62, 494-498.	2.7	35
26	Genetic drift outweighs natural selection at toll-like receptor ( <i>TLR</i> ) immunity loci in a reintroduced population of a threatened species. <i>Molecular Ecology</i> , 2013, 22, 4470-4482.	2.0	76
27	Variation at Innate Immunity Toll-Like Receptor Genes in a Bottlenecked Population of a New Zealand Robin. <i>PLoS ONE</i> , 2012, 7, e45011.	1.1	62
28	The Invertebrate Life of New Zealand: A Phylogeographic Approach. <i>Insects</i> , 2011, 2, 297-325.	1.0	41
29	Length-weight relationships in some populations and species of Iranian toothcarps. <i>Journal of Applied Ichthyology</i> , 2011, 27, 1401-1403.	0.3	18
30	Preserving genetic diversity in threatened species reintroductions: how many individuals should be released?. <i>Animal Conservation</i> , 2011, 14, 439-446.	1.5	61
31	Extreme Positive Selection on a New Highly-Expressed Larval Glycoprotein (LGP) Gene in Galaxias Fishes (Osmeriformes: Galaxiidae). <i>Molecular Biology and Evolution</i> , 2011, 28, 399-406.	3.5	4
32	ONSET OF GLACIATION DROVE SIMULTANEOUS VICARIANT ISOLATION OF ALPINE INSECTS IN NEW ZEALAND. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2033-43.	1.1	49
33	Niche partitioning and the effect of interspecific competition on microhabitat use by two sympatric galaxiid stream fishes. <i>Freshwater Biology</i> , 2010, 55, 967-982.	1.2	34
34	Gene Trees versus Species Trees: Reassessing Life-History Evolution in a Freshwater Fish Radiation. <i>Systematic Biology</i> , 2010, 59, 504-517.	2.7	72
35	New Zealand phylogeography: evolution on a small continent. <i>Molecular Ecology</i> , 2009, 18, 3548-3580.	2.0	217
36	Do insects lose flight before they lose their wings? Population genetic structure in subalpine stoneflies. <i>Molecular Ecology</i> , 2009, 18, 4073-4087.	2.0	70

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37	ASYMMETRIC VIABILITY OF RECIPROCAL-CROSS HYBRIDS BETWEEN CRESTED AND MARBLED NEWTS ( <i>TRITURUS CRISTATUS</i> AND <i>T. MARMORATUS</i> ). Evolution; International Journal of Organic Evolution, 2009, 63, 1191-1202.	1.1	75
38	Morphological and genetic analysis of <i>Galaxias</i> southern and <i>G. gollumoides</i> : interspecific differentiation and intraspecific structuring. Journal of the Royal Society of New Zealand, 2009, 39, 43-62.	1.0	16
39	A review of genetic analyses of hybridisation in New Zealand. Journal of the Royal Society of New Zealand, 2009, 39, 15-34.	1.0	47
40	Genetic diversity in New Zealand <i>Galaxias vulgaris</i> sensu lato (Teleostei: Osmeriformes: Galaxiidae): a test of a biogeographic hypothesis. Journal of Biogeography, 2008, 28, 59-67.	1.4	47
41	Heterozygosity fitness correlations and their relevance to studies on inbreeding depression in threatened species. Molecular Ecology, 2008, 17, 3978-3984.	2.0	64
42	Geological Dates and Molecular Rates: Rapid Divergence of Rivers and Their Biotas. Systematic Biology, 2007, 56, 271-282.	2.7	63
43	CLADOGENESIS AND LOSS OF THE MARINE LIFE-HISTORY PHASE IN FRESHWATER GALAXIID FISHES (OSMERIFORMES: GALAXIIDAE). Evolution; International Journal of Organic Evolution, 2007, 55, 587-597.	1.1	10
44	Historic and contemporary levels of genetic variation in two New Zealand passerines with different histories of decline. Journal of Evolutionary Biology, 2007, 20, 2035-2047.	0.8	48
45	Mitochondrial phylogeography of New Zealand freshwater crayfishes, <i>Paranephrops</i> spp.. Molecular Ecology, 2007, 16, 1897-1908.	2.0	59
46	Geological subsidence, river capture, and cladogenesis of galaxiid fish lineages in central New Zealand. Biological Journal of the Linnean Society, 2006, 88, 367-376.	0.7	37
47	Inbreeding and Endangered Species Management: Is New Zealand Out of Step with the Rest of the World?. Conservation Biology, 2006, 20, 38-47.	2.4	96
48	A COMPARISON OF FIVE HYBRID ZONES OF THE WETA <i>HEMIDEINA THORACICA</i> (ORTHOPTERA:). Evolution; International Journal of Organic Evolution, 2003, 57, 849-861.	1.1	49
49	Preliminary genetic analysis of koaro ( <i>Galaxias brevipinnis</i> ) in New Zealand lakes: Evidence for allopatric differentiation among lakes but little population subdivision within lakes. Journal of the Royal Society of New Zealand, 2003, 33, 591-600.	1.0	4
50	A COMPARISON OF FIVE HYBRID ZONES OF THE WETA <i>HEMIDEINA THORACICA</i> (ORTHOPTERA:). Evolution; International Journal of Organic Evolution, 2003, 57, 849.	1.1	1
51	Phylogeographic genetic analysis of the alpine weta, <i>Hemideina maori</i> evolution of a colour polymorphism and origins of a hybrid zone. Journal of the Royal Society of New Zealand, 2003, 33, 715-729.	1.0	18
52	Phylogenetic Placement of Retropinnid Fishes: Data Set Incongruence Can Be Reduced by Using Asymmetric Character State Transformation Costs. Systematic Biology, 2002, 51, 432-449.	2.7	47
53	Chromosome races with Pliocene origins: evidence from mtDNA. Heredity, 2001, 86, 303-312.	1.2	47
54	Genetic and morphological evidence for reproductive isolation between sympatric populations of <i>Galaxias</i> (Teleostei: Galaxiidae) in South Island, New Zealand. Biological Journal of the Linnean Society, 2001, 73, 287-298.	0.7	40

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55	Mitochondrial DNA phylogenetics of the <i>Galaxias vulgaris</i> complex from South Island, New Zealand: rapid radiation of a species flock. <i>Journal of Fish Biology</i> , 2001, 58, 1166-1180.	0.7	75
56	BRIDGING THE "BEECH-GAP": NEW ZEALAND INVERTEBRATE PHYLOGEOGRAPHY IMPLICATES PLEISTOCENE GLACIATION AND PLIOCENE ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2170-2180.	1.1	110
57	GENES MEET GEOLOGY: FISH PHYLOGEOGRAPHIC PATTERN REFLECTS ANCIENT, RATHER THAN MODERN, DRAINAGE CONNECTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1844-1851.	1.1	158
58	Finding Fault with Vicariance: A Critique of Heads (1998). <i>Systematic Biology</i> , 2001, 50, 602-609.	2.7	28
59	GENES MEET GEOLOGY: FISH PHYLOGEOGRAPHIC PATTERN REFLECTS ANCIENT, RATHER THAN MODERN, DRAINAGE CONNECTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1844.	1.1	9
60	Finding Fault with Vicariance: A Critique of Heads (1998). <i>Systematic Biology</i> , 2001, 50, 602-609.	2.7	13
61	CLADOGENESIS AND LOSS OF THE MARINE LIFE-HISTORY PHASE IN FRESHWATER GALAXIID FISHES (OSMERIFORMES: GALAXIIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 587.	1.1	104
62	BRIDGING THE "BEECH-GAP": NEW ZEALAND INVERTEBRATE PHYLOGEOGRAPHY IMPLICATES PLEISTOCENE GLACIATION AND PLIOCENE ISOLATION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2170.	1.1	96
63	Characterization of a hybrid zone between two chromosomal races of the weta <i>Hemideina thoracica</i> following a geologically recent volcanic eruption. <i>Heredity</i> , 2000, 85, 586-592.	1.2	28
64	Phylogeographical pattern correlates with Pliocene mountain building in the alpine scree weta (Orthoptera, Anostostomatidae). <i>Molecular Ecology</i> , 2000, 9, 657-666.	2.0	120
65	Across the Southern Alps by river capture? Freshwater fish phylogeography in South Island, New Zealand. <i>Molecular Ecology</i> , 2000, 9, 1577-1582.	2.0	74
66	Biogeography of a southern hemisphere freshwater fish: how important is marine dispersal?. <i>Molecular Ecology</i> , 2000, 9, 1815-1821.	2.0	150
67	Title is missing!. <i>Conservation Genetics</i> , 2000, 1, 329-339.	0.8	38
68	Brief communication. Heteroplasmy of mitochondrial DNA in the iphiuroid <i>Astrobrachion constrictum</i> . , 2000, 91, 146-149.		21
69	Seabird and Louse Coevolution: Complex Histories Revealed by 12S rRNA Sequences and Reconciliation Analyses. <i>Systematic Biology</i> , 2000, 49, 383-399.	2.7	84
70	Mitochondrial recombination or coevolution of sites?. <i>Trends in Ecology and Evolution</i> , 2000, 15, 470-471.	4.2	6
71	Molecular Phylogenetics and Biogeography of Galaxiid Fishes (Osteichthyes: Galaxiidae): Dispersal, Vicariance, and the Position of <i>Lepidogalaxias salamandroides</i> . <i>Systematic Biology</i> , 2000, 49, 777-795.	2.7	120
72	Preliminary molecular analysis of <i>Pelecanoides georgicus</i> (Procellariiformes: Pelecanoididae) on Whenua Hou (Codfish Island): Implications for its taxonomic status. <i>New Zealand Journal of Zoology</i> , 2000, 27, 415-423.	0.6	7

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73	Geographic variation and taxonomy of crested newts ( <i>Triturus cristatus</i> superspecies): morphological and mitochondrial DNA data. <i>Contributions To Zoology</i> , 1999, 68, 181-203.	0.2	64
74	Characterization of microsatellite loci from a New Zealand freshwater fish ( <i>Galaxias vulgaris</i> ) and their potential for analysis of hybridization in Galaxiidae. <i>Molecular Ecology</i> , 1999, 8, 1080-1082.	2.0	11
75	Do animal mitochondrial genomes recombine?. <i>Trends in Ecology and Evolution</i> , 1999, 14, 209-210.	4.2	17
76	DNA Discovery. <i>Science</i> , 1999, 285, 835-835.	6.0	2
77	Fine-scale genetic structuring in endemic galaxiid fish populations of the Taieri River. <i>New Zealand Journal of Zoology</i> , 1998, 25, 17-22.	0.6	14
78	The distribution and conservation status of the Danube crested newt, <i>Triturus dobrogicus</i> . <i>Amphibia - Reptilia</i> , 1997, 18, 133-142.	0.1	20
79	Evolution and the Aquatic Ecosystem: Defining Unique Units in Population Conservation. <i>Copeia</i> , 1997, 1997, 636.	1.4	31
80	Genetic differentiation in the New Zealand sea urchin <i>Evechinus chloroticus</i> (Echinodermata: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	0.8	32
81	Whither ecology?. <i>Trends in Ecology and Evolution</i> , 1997, 12, 446.	4.2	58
82	Biogeographic area relationships in southern New Zealand: a cladistic analysis of Lepidoptera distributions. <i>Journal of Biogeography</i> , 1997, 24, 89-99.	1.4	8
83	Evidence of amictic reproduction in the brittle-star <i>Ophiomyxa brevirima</i> . <i>Marine Biology</i> , 1997, 129, 169-174.	0.7	8
84	Isolation and characterization of a cDNA for gonadotropin II- $\beta$ of Pacific herring, an ancient teleost. <i>Journal of Fish Biology</i> , 1997, 50, 315-323.	0.7	8
85	Description and redescription of <i>Galaxias</i> species (Teleostei: Galaxiidae) from Otago and Southland. <i>Journal of the Royal Society of New Zealand</i> , 1996, 26, 401-427.	1.0	74
86	Identification of a hybrid zone between distinctive colour variants of the alpine weta <i>Hemideina maori</i> (Orthoptera: Stenopelmatidae) on the Rock and Pillar range, southern New Zealand. <i>Molecular Ecology</i> , 1996, 5, 583-587.	2.0	23
87	Isozyme analysis of <i>Galaxias</i> species (Teleostei: Galaxiidae) from the Taieri River, South Island, New Zealand: a species complex revealed. <i>Biological Journal of the Linnean Society</i> , 1996, 57, 107-127.	0.7	65
88	PENGUINS, PETRELS, AND PARSIMONY: DOES CLADISTIC ANALYSIS OF BEHAVIOR REFLECT SEABIRD PHYLOGENY?. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 974-989.	1.1	46
89	Phylogenetic Relationships of the Prodontria (Coleoptera; Scarabaeidae; Subfamily Melolonthinae), Derived from Sequence Variation in the Mitochondrial Cytochrome Oxidase II Gene. <i>Molecular Phylogenetics and Evolution</i> , 1995, 4, 433-447.	1.2	59
90	Of lice and men: The return of the "comparative parasitology" debate. <i>Parasitology Today</i> , 1995, 11, 158-160.	3.1	12

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91	Penguins, Petrels, and Parsimony: Does Cladistic Analysis of Behavior Reflect Seabird Phylogeny?. Evolution; International Journal of Organic Evolution, 1995, 49, 974.	1.1	33
92	Species status and population genetic structure of the flightless chafer beetles <i>Prodontria modesta</i> and <i>P. bicolorata</i> (Coleoptera; Scarabaeidae) from South Island, New Zealand. Molecular Ecology, 1994, 3, 339-345.	2.0	21
93	Population genetics and conservation in New Zealand: A hierarchical synthesis and recommendations for the 1990s. Journal of the Royal Society of New Zealand, 1994, 24, 143-160.	1.0	21
94	Experimental hybridization of alpine and lowland forms of <i>Boeckella dilatata</i> , a calanoid copepod. Heredity, 1993, 71, 508-515.	1.2	6
95	Genetic variation and diadromy in some native New Zealand galaxiids (Teleostei: Galaxiidae). Biological Journal of the Linnean Society, 1993, 50, 19-33.	0.7	73
96	Parasites, petrels and penguins: Does louse presence reflect seabird phylogeny?. International Journal for Parasitology, 1993, 23, 515-526.	1.3	69
97	Genetic variation and diadromy in some native New Zealand galaxiids (Teleostei: Galaxiidae). Biological Journal of the Linnean Society, 1993, 50, 19-33.	0.7	11
98	Mitochondrial-DNA Variation in the Crested Newt Superspecies: Limited Cytoplasmic Gene flow Among Species. Evolution; International Journal of Organic Evolution, 1989, 43, 88.	1.1	58
99	MITOCHONDRIAL-DNA VARIATION IN THE CRESTED NEWT SUPERSPECIES: LIMITED CYTOPLASMIC GENE FLOW AMONG SPECIES. Evolution; International Journal of Organic Evolution, 1989, 43, 88-104.	1.1	83
100	Mitochondrial DNA insertion polymorphism and germ line heteroplasmy in the <i>Triturus cristatus</i> complex. Heredity, 1987, 58, 229-238.	1.2	99
101	A biochemical genetic and morphological investigation of the species within the genus <i>Endeis</i> Philippe (Pycnogonida : Endeidae) in Britain. Journal of Experimental Marine Biology and Ecology, 1986, 98, 115-128.	0.7	4
102	Oral Infection of <i>Aedes Aegypti</i> with Yellow Fever Virus: Geographic Variation and Genetic Considerations. American Journal of Tropical Medicine and Hygiene, 1985, 34, 1219-1224.	0.6	134
103	Selection for Susceptibility and Refractoriness of <i>Aedes Aegypti</i> to Oral Infection with Yellow Fever Virus. American Journal of Tropical Medicine and Hygiene, 1985, 34, 1225-1231.	0.6	39
104	An electrophoretic study of the systematic relationships of some closely related goby species (Pisces.) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	41
105	Genetic variation and environmental heterogeneity in some closely related goby species. Genetica, 1984, 62, 223-237.	0.5	22
106	Genetic Heterogeneity among Caribbean Populations of <i>Aedes aegypti</i> . American Journal of Tropical Medicine and Hygiene, 1984, 33, 492-498.	0.6	33
107	The Effect of Colonization upon <i>Aedes Aegypti</i> Susceptibility to Oral Infection with Yellow Fever Virus *. American Journal of Tropical Medicine and Hygiene, 1984, 33, 690-694.	0.6	67
108	Genetic differentiation between populations of <i>Pomatoschistus minutus</i> from the Bristol Channel and the Adriatic. Genetica, 1983, 62, 75-80.	0.5	8

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109	Macrogeographic genetic variation in a human commensal: <i>Aedes aegypti</i> , the yellow fever mosquito. <i>Genetical Research</i> , 1983, 41, 241-258.	0.3	53
110	Electrophoretic Analysis of the Ticks <i>Ornithodoros (Pavlovskyella) Erraticus</i> and <i>O. (P.) Sonrai</i> (Acari: Argasidae)1. <i>Journal of Medical Entomology</i> , 1983, 20, 570-571.	0.9	11
111	Linkage of an IDH locus with sex and two lethals in <i>Aedes aegypti</i> . <i>Journal of Heredity</i> , 1982, 73, 291-294.	1.0	5
112	Genetic divergence in four species of the genus <i>Raphanus</i> : Implications for the ancestry of the domestic radish <i>R. sativus</i> . <i>Biological Journal of the Linnean Society</i> , 1982, 18, 35-48.	0.7	26
113	Enzyme variation in the brook lamprey, <i>Lampetra planeri</i> (Bloch), a member of the vertebrate group Agnatha. <i>Genetica</i> , 1981, 55, 67-73.	0.5	12
114	Genetic Evidence for Naturally Occuring Fertile Hybrids Between Two Goby Species, <i>Pomatoschistus minutus</i> and <i>P. loszanoi</i> (Pisces, Gobiidae). <i>Marine Ecology - Progress Series</i> , 1980, 3, 309-315.	0.9	21
115	Purine nucleoside phosphorylase variation in the brook lamprey, <i>Lampetra planeri</i> (Bloch) (Petromyzone, Agnatha): Evidence for a trimeric enzyme structure. <i>Biochemical Genetics</i> , 1979, 17, 251-256.	0.8	14