

Lynne van Herwerden

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/821896/publications.pdf>

Version: 2024-02-01

99
papers

4,244
citations

101384

36
h-index

118652

62
g-index

100
all docs

100
docs citations

100
times ranked

3888
citing authors

#	ARTICLE	IF	CITATIONS
1	Larval Export from Marine Reserves and the Recruitment Benefit for Fish and Fisheries. <i>Current Biology</i> , 2012, 22, 1023-1028.	1.8	412
2	Linkage of high-affinity IgE receptor gene with bronchial hyperreactivity, even in absence of atopy. <i>Lancet</i> , The, 1995, 346, 1262-1265.	6.3	164
3	High population connectivity across the Indo-Pacific: Congruent lack of phylogeographic structure in three reef fish congeners. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 629-638.	1.2	136
4	Phylogeography of the reef fish <i>Cephalopholis argus</i> (Epinephelidae) indicates Pleistocene isolation across the indo-pacific barrier with contemporary overlap in the coral triangle. <i>BMC Evolutionary Biology</i> , 2011, 11, 189.	3.2	136
5	Molecular processes of transgenerational acclimation to a warming ocean. <i>Nature Climate Change</i> , 2015, 5, 1074-1078.	8.1	128
6	Dating the evolutionary origins of wrasse lineages (Labridae) and the rise of trophic novelty on coral reefs. <i>Molecular Phylogenetics and Evolution</i> , 2009, 52, 621-631.	1.2	124
7	Evidence for Sympatric Speciation by Host Shift in the Sea. <i>Current Biology</i> , 2004, 14, 1498-1504.	1.8	117
8	Intra- and Interindividual Variation in ITS1 of <i>Paragonimus westermani</i> (Trematoda: Digenea) and Related Species: Implications for Phylogenetic Studies. <i>Molecular Phylogenetics and Evolution</i> , 1999, 12, 67-73.	1.2	115
9	Evolution and biogeography of marine angelfishes (Pisces: Pomacanthidae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 140-155.	1.2	113
10	Evolutionary history of the butterflyfishes (f: Chaetodontidae) and the rise of coral feeding fishes. <i>Journal of Evolutionary Biology</i> , 2010, 23, 335-349.	0.8	112
11	High genetic diversities and complex genetic structure in an Indo-Pacific tropical reef fish (<i>Chlorurus</i>) Tj ETQq1 1 0.784314 rgBT / Overdo	0.7	108
12	Marine hybrid hotspot at Indo-Pacific biogeographic border. <i>Biology Letters</i> , 2009, 5, 258-261.	1.0	107
13	Patterns and processes in the evolutionary history of parrotfishes (Family Labridae). <i>Biological Journal of the Linnean Society</i> , 2012, 107, 529-557.	0.7	105
14	The mapping of a gene for craniosynostosis: evidence for linkage of the Saethre-Chotzen syndrome to distal chromosome 7p.. <i>Journal of Medical Genetics</i> , 1992, 29, 681-685.	1.5	90
15	Toxic effects of polyethylene terephthalate microparticles and Di(2-ethylhexyl)phthalate on the calanoid copepod, <i>Parvocalanus crassirostris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 141, 298-305.	2.9	88
16	Hybridization in coral reef fishes: Introgression and bi-directional gene exchange in <i>Thalassoma</i> (family Labridae). <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 84-100.	1.2	81
17	The application of genetics to marine management and conservation: examples from the Indo-Pacific. <i>Bulletin of Marine Science</i> , 2014, 90, 123-158.	0.4	78
18	Extreme genetic diversity and temporal rather than spatial partitioning in a widely distributed coral reef fish. <i>Marine Biology</i> , 2007, 150, 659-670.	0.7	74

#	ARTICLE	IF	CITATIONS
19	Intra- and inter-specific variation in nuclear ribosomal internal transcribed spacer 1 of the <i>Schistosoma japonicum</i> species complex. <i>Parasitology</i> , 1998, 116, 311-317.	0.7	68
20	Chimerism in Wild Adult Populations of the Broadcast Spawning Coral <i>Acropora millepora</i> on the Great Barrier Reef. <i>PLoS ONE</i> , 2009, 4, e7751.	1.1	67
21	Ancient origins of Indo-Pacific coral reef fish biodiversity: A case study of the leopard wrasses (Labridae: <i>Macropharyngodon</i>). <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 808-819.	1.2	66
22	Contrasting patterns of genetic structure in two species of the coral trout <i>Plectropomus</i> (Serranidae) from east and west Australia: Introgressive hybridisation or ancestral polymorphisms. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 420-435.	1.2	65
23	Reef fish hybridization: lessons learnt from butterflyfishes (genus <i>Chaetodon</i>). <i>Ecology and Evolution</i> , 2012, 2, 310-328.	0.8	59
24	ITS-1 ribosomal DNA sequence variants are maintained in different species and strains of <i>Echinococcus</i> . <i>International Journal for Parasitology</i> , 2000, 30, 157-169.	1.3	58
25	Patterns of lineage diversification in the genus <i>Naso</i> (Acanthuridae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 221-235.	1.2	58
26	Six cases of 7p deletion: Clinical, cytogenetic, and molecular studies. <i>American Journal of Medical Genetics Part A</i> , 1994, 51, 270-276.	2.4	57
27	Contrasting genetic structures across two hybrid zones of a tropical reef fish, <i>Acanthochromis polyacanthus</i> (Bleeker 1855). <i>Journal of Evolutionary Biology</i> , 2006, 19, 239-252.	0.8	55
28	Phylogeography of the Indo-Pacific parrotfish <i>Scarus psittacus</i> : isolation generates distinctive peripheral populations in two oceans. <i>Marine Biology</i> , 2010, 157, 1679-1691.	0.7	55
29	Genome-wide SNPs reveal low effective population size within confined management units of the highly vagile Galapagos shark (<i>Carcharhinus galapagensis</i>). <i>Conservation Genetics</i> , 2017, 18, 1151-1163.	0.8	55
30	Phylogeography of colour polymorphism in the coral reef fish <i>Pseudochromis fuscus</i> , from Papua New Guinea and the Great Barrier Reef. <i>Coral Reefs</i> , 2005, 24, 392-402.	0.9	53
31	The role of peripheral endemism in species diversification: Evidence from the coral reef fish genus <i>Anampses</i> (Family: Labridae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 653-663.	1.2	52
32	Does genetic distance between parental species influence outcomes of hybridization among coral reef butterflyfishes?. <i>Molecular Ecology</i> , 2014, 23, 2757-2770.	2.0	50
33	Hybridization of reef fishes at the Indo-Pacific biogeographic barrier: a case study. <i>Coral Reefs</i> , 2007, 26, 841-850.	0.9	45
34	Limited ecological population connectivity suggests low demands on self-recruitment in a tropical inshore marine fish (<i>Eleutheronema tetradactylum</i> : Polynemidae). <i>Molecular Ecology</i> , 2011, 20, 2291-2306.	2.0	44
35	Mitochondrial DNA analyses of narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>) suggest a single genetic stock in the ROPME sea area (Arabian Gulf, Gulf of Oman, and Arabian Sea). <i>ICES Journal of Marine Science</i> , 2006, 63, 1066-1074.	1.2	43
36	Temporal evolution of coral reef fishes: global patterns and disparity in isolated locations. <i>Journal of Biogeography</i> , 2014, 41, 2115-2127.	1.4	41

#	ARTICLE	IF	CITATIONS
37	Hierarchical behaviour, habitat use and species size differences shape evolutionary outcomes of hybridization in a coral reef fish. <i>Journal of Evolutionary Biology</i> , 2015, 28, 205-222.	0.8	41
38	Relationships between <i>Schistosoma malayensis</i> and other Asian schistosomes deduced from DNA sequences. <i>Molecular and Biochemical Parasitology</i> , 1997, 85, 259-263.	0.5	39
39	Complex patterns of population structure and recruitment of <i>Plectropomus leopardus</i> (Pisces: Tj ETQq1 1 0.784314 rgBT /Overlock 10 T) 156, 1595-1607.	0.7	39
40	The importance of ecological and behavioural data in studies of hybridisation among marine fishes. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 181-198.	2.4	37
41	Strong trans-Pacific break and local conservation units in the Galapagos shark (<i>Carcharhinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.2	37
42	The historical biogeography of groupers: Clade diversification patterns and processes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 21-30.	1.2	35
43	Field and experimental studies of hybridization between coral trouts, <i>Plectropomus leopardus</i> and <i>Plectropomus maculatus</i> (Serranidae), on the Great Barrier Reef, Australia. <i>Journal of Fish Biology</i> , 2006, 68, 1013-1025.	0.7	34
44	High Genetic Diversity in Geographically Remote Populations of Endemic and Widespread Coral Reef Angelfishes (genus: <i>Centropyge</i>). <i>Diversity</i> , 2013, 5, 39-50.	0.7	29
45	Genetic diversity in parthenogenetic triploid <i>Paragonimus westermani</i> . <i>International Journal for Parasitology</i> , 1999, 29, 1477-1482.	1.3	28
46	Strong genetic but not spatial subdivision of two reef fish species targeted by fishers on the Great Barrier Reef. <i>Fisheries Research</i> , 2010, 102, 16-25.	0.9	25
47	Stock structure of blue threadfin <i>Eleutheronema tetradactylum</i> across northern Australia as inferred from stable isotopes in sagittal otolith carbonate. <i>Fisheries Management and Ecology</i> , 2011, 18, 246-257.	1.0	24
48	Absence of genetic linkage of chromosome 5q31 with asthma and atopy in the general population. <i>Thorax</i> , 1997, 52, 816-817.	2.7	23
49	Historic hybridization and introgression between two iconic Australian anemonefish and contemporary patterns of population connectivity. <i>Ecology and Evolution</i> , 2012, 2, 1592-1604.	0.8	23
50	Evolution of sympatric species: a case study of the coral reef fish genus <i>Pomacentrus</i> (<i>Pomacentridae</i>). <i>Journal of Biogeography</i> , 2013, 40, 1676-1687.	1.4	23
51	Multiple Lineages of the Mitochondrial Gene NADH Dehydrogenase Subunit 1 (ND1) in Parasitic Helminths: Implications for Molecular Evolutionary Studies of Facultatively Anaerobic Eukaryotes. <i>Journal of Molecular Evolution</i> , 2000, 51, 339-352.	0.8	22
52	Development and application of microsatellite markers for <i>Scomberomorus commerson</i> (Perciformes; Tj ETQq0 0 0 rgBT /Overlock 10 T) 258-266.	0.9	21
53	Microsatellite variation and population genetic structure of the red throat emperor on the Great Barrier Reef. <i>Journal of Fish Biology</i> , 2003, 62, 987-999.	0.7	20
54	A rare hybridization event in two common Caribbean wrasses (genus <i>Halichoeres</i> ; family Labridae). <i>Coral Reefs</i> , 2007, 26, 597-602.	0.9	20

#	ARTICLE	IF	CITATIONS
55	Searching for common threads in threadfins: phylogeography of Australian polynemids in space and time. <i>Marine Ecology - Progress Series</i> , 2012, 449, 263-276.	0.9	20
56	A comparison of the population genetics of <i>Lethrinus miniatus</i> and <i>Lutjanus sebae</i> from the east and west coasts of Australia: Evidence for panmixia and isolation. <i>Fisheries Research</i> , 2009, 100, 148-155.	0.9	19
57	Genetic Connectivity among and Self-Replenishment within Island Populations of a Restricted Range Subtropical Reef Fish. <i>PLoS ONE</i> , 2012, 7, e49660.	1.1	19
58	Phylogenetic evidence for recent diversification of obligate coral-dwelling gobies compared with their host corals. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 123-132.	1.2	19
59	Observations of Migrant Exchange and Mixing in a Coral Reef Fish Metapopulation Link Scales of Marine Population Connectivity. <i>Journal of Heredity</i> , 2013, 104, 532-546.	1.0	19
60	Variation in stable isotope ($\delta^{18}O$ and $\delta^{13}C$) signatures in the sagittal otolith carbonate of king threadfin, <i>Polydactylus macrochir</i> across northern Australia reveals multifaceted stock structure. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 396, 53-60.	0.7	18
61	Patterns of shore utilization in a metropolitan area: The Cape Peninsula, South Africa. <i>Ocean & Shoreline Management</i> , 1989, 12, 331-346.	0.2	17
62	Genetic and Ecological Characterisation of Colour Dimorphism in a Coral Reef Fish. <i>Environmental Biology of Fishes</i> , 2005, 74, 175-183.	0.4	17
63	Hybridisation Among Butterflyfishes. , 2013, , 48-69.		17
64	The acrocallosal syndrome and Greig syndrome are not allelic disorders.. <i>Journal of Medical Genetics</i> , 1992, 29, 635-637.	1.5	16
65	Phylogenetic and evolutionary perspectives of the Indo-Pacific grouper <i>Plectropomus</i> species on the Great Barrier Reef, Australia. <i>Journal of Fish Biology</i> , 2002, 60, 1591-1596.	0.7	16
66	Long-term panmixia in a cosmopolitan Indo-Pacific coral reef fish and a nebulous genetic boundary with its broadly sympatric sister species. <i>Journal of Evolutionary Biology</i> , 2013, 26, 783-799.	0.8	15
67	Contrasting population genetic structure in three aggregating groupers (Percoidei: Epinephelidae) in the Indo-West Pacific: the importance of reproductive mode. <i>BMC Evolutionary Biology</i> , 2018, 18, 180.	3.2	15
68	Limited contemporary gene flow and high self-replenishment drives peripheral isolation in an endemic coral reef fish. <i>Ecology and Evolution</i> , 2013, 3, 1653-1666.	0.8	14
69	New range and habitat records for threatened Australian sea snakes raise challenges for conservation. <i>Biological Conservation</i> , 2016, 194, 66-70.	1.9	14
70	Crouzon syndrome is not linked to craniosynostosis loci at 7p and 5qter.. <i>Journal of Medical Genetics</i> , 1994, 31, 219-221.	1.5	12
71	Population-specific locomotor phenotypes are displayed by barramundi, <i>Lates calcarifer</i> , in response to thermal stress. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2010, 67, 1068-1074.	0.7	12
72	An assessment workflow to recover microplastics from complex biological matrices. <i>Marine Pollution Bulletin</i> , 2022, 179, 113676.	2.3	12

#	ARTICLE	IF	CITATIONS
73	Population connectivity and the effectiveness of marine protected areas to protect vulnerable, exploited and endemic coral reef fishes at an endemic hotspot. <i>Coral Reefs</i> , 2015, 34, 393-402.	0.9	11
74	Microsatellite markers for coral trout (<i>Plectropomus laevis</i>) and red throat emperor (<i>Lethrinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	2.0	11
75	Genetic structure across the GBR: evidence from short-lived gobies. <i>Marine Biology</i> , 2010, 157, 945-953.	0.7	10
76	Shoreline utilization in a rapidly growing coastal Metropolitan Area: The Cape Peninsula, South Africa. <i>Ocean & Shoreline Management</i> , 1989, 12, 169-178.	0.2	9
77	Linkage analysis of bronchial hyperreactivity and atopy with chromosome 11q13. <i>Electrophoresis</i> , 1997, 18, 1641-1645.	1.3	9
78	Comparative characterization of a temperature responsive gene (lactate dehydrogenase-B, <i>ldh-b</i>) in two congeneric tropical fish, <i>Lates calcarifer</i> and <i>Lates niloticus</i> . <i>International Journal of Biological Sciences</i> , 2009, 5, 558-569.	2.6	9
79	Murky waters: Searching for structure in genetically depauperate blue threadfin populations of Western Australia. <i>Fisheries Research</i> , 2013, 146, 1-6.	0.9	9
80	Species integrity, introgression, and genetic variation across a coral reef fish hybrid zone. <i>Ecology and Evolution</i> , 2020, 10, 11998-12014.	0.8	8
81	Regulatory motifs are present in the ITS1 of some flatworm species. <i>The Journal of Experimental Zoology</i> , 2003, 296B, 80-86.	1.4	7
82	Strong genetic subdivision generates high genetic variability among eastern and western Australian populations of <i>Lutjanus carponotatus</i> (Richardson). <i>Fisheries Research</i> , 2011, 108, 74-80.	0.9	7
83	Genetic connectivity and self-replenishment of inshore and offshore populations of the endemic anemonefish, <i>Amphiprion latezonatus</i> . <i>Coral Reefs</i> , 2016, 35, 959-970.	0.9	7
84	Naturally occurring hybrids of coral reef butterflyfishes have similar fitness compared to parental species. <i>PLoS ONE</i> , 2017, 12, e0173212.	1.1	7
85	Closing the gap: mixed stock analysis of three foraging populations of green turtles (<i>Chelonia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0,9 7	0.9	7
86	Unique fish assemblages at world's southernmost oceanic coral reefs, Elizabeth and Middleton Reefs, Tasman Sea, Australia. <i>Coral Reefs</i> , 2008, 27, 15-15.	0.9	5
87	Exposing local adaptation: synergistic stressors elicit population-specific lactate dehydrogenase-B (<i>ldh-b</i>) expression profiles in Australian barramundi, <i>Lates calcarifer</i> . <i>Aquatic Sciences</i> , 2012, 74, 171-178.	0.6	5
88	Development and characterization of microsatellite markers for parentage analyses of the coral reef damselfish (<i>Pomacentrus amboinensis</i> : Pomacentridae). <i>Conservation Genetics</i> , 2007, 8, 987-990.	0.8	4
89	Classic approach revitalizes genomics: Complete characterization of a candidate gene for thermal adaptation in two coral reef fishes. <i>Marine Genomics</i> , 2009, 2, 215-222.	0.4	3
90	Identification of twenty one microsatellite loci for conservation genetic studies of the endemic butterflyfish <i>Chaetodon tricinctus</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 243-246.	0.4	3

#	ARTICLE	IF	CITATIONS
91	Identification of seventeen microsatellite markers for conservation genetic studies of the endemic anemonefish, <i>Amphiprion mccullochi</i> . <i>Conservation Genetics Resources</i> , 2012, 4, 247-250.	0.4	3
92	Identification of seventeen microsatellite loci for conservation genetic studies of the endemic wrasse <i>Coris bulbifrons</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 363-366.	0.4	3
93	<i>Otx2</i> expression and implications for olfactory imprinting in the anemonefish, <i>Amphiprion percula</i> . <i>Biology Open</i> , 2013, 2, 907-915.	0.6	3
94	Characterization of 22 microsatellite loci for conservation genetic studies of an endemic anemonefish, <i>Amphiprion latezonatus</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 95-97.	0.4	3
95	A Colorimetric Approach towards Polycyclic Aromatic Hydrocarbon Sensing. <i>Australian Journal of Chemistry</i> , 2016, 69, 1292.	0.5	3
96	Isolation of 15 new polymorphic microsatellite markers from the blue-spine unicornfish <i>Naso unicornis</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 191-194.	0.4	2
97	Highly polymorphic microsatellite loci for the Acapulco damselfish, <i>Stegastes acapulcoensis</i> , and cross amplification in three congeneric species. <i>Marine Biodiversity</i> , 2019, 49, 481-486.	0.3	2
98	Keep your friends close and your anemones closer – ecology of the endemic wideband anemonefish, <i>Amphiprion latezonatus</i> . <i>Environmental Biology of Fishes</i> , 2020, 103, 1513-1526.	0.4	2
99	Isolation and characterization of twenty microsatellite markers for the study of hybridization in butterflyfish of the genus <i>Chaetodon</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 783-786.	0.4	1