

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

101543

36
h-index

118850

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. | 3.9 | 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. | 13.7 | 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. | 2.7 | 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. | 18.8 | 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. | 2.7 | 124 |
| 7 | Evidence for Sympatric Speciation by Host Shift in the Sea. <i>Current Biology</i> , 2004, 14, 1498-1504. | 3.9 | 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. | 2.7 | 115 |
| 9 | Evolution and biogeography of marine angelfishes (Pisces: Pomacanthidae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 140-155. | 2.7 | 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. | 1.7 | 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 | 1.5 | 108 |
| 12 | Marine hybrid hotspot at Indo-Pacific biogeographic border. <i>Biology Letters</i> , 2009, 5, 258-261. | 2.3 | 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. | 1.6 | 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. | 3.2 | 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. | 6.0 | 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. | 2.7 | 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. | 0.8 | 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. | 1.5 | 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. | 1.5 | 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. | 2.5 | 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. | 2.7 | 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. | 2.7 | 65 |
| 23 | Reef fish hybridization: lessons learnt from butterflyfishes (genus <i>Chaetodon</i>). <i>Ecology and Evolution</i> , 2012, 2, 310-328. | 1.9 | 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. | 3.1 | 58 |
| 25 | Patterns of lineage diversification in the genus <i>Naso</i> (Acanthuridae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 221-235. | 2.7 | 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. | 1.7 | 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. | 1.5 | 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. | 1.5 | 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. | 2.2 | 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. | 2.7 | 52 |
| 32 | Does genetic distance between parental species influence outcomes of hybridization among coral reef butterflyfishes?. <i>Molecular Ecology</i> , 2014, 23, 2757-2770. | 3.9 | 50 |
| 33 | Hybridization of reef fishes at the Indo-Pacific biogeographic barrier: a case study. <i>Coral Reefs</i> , 2007, 26, 841-850. | 2.2 | 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. | 3.9 | 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. | 2.5 | 43 |
| 36 | Temporal evolution of coral reef fishes: global patterns and disparity in isolated locations. <i>Journal of Biogeography</i> , 2014, 41, 2115-2127. | 3.0 | 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. | 1.7 | 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. | 1.1 | 39 |
| 39 | Complex patterns of population structure and recruitment of <i>Plectropomus leopardus</i> (Pisces: Serranidae) on the Great Barrier Reef, Australia. <i>Journal of Fish Biology</i> , 2006, 68, 1013-1025. | 1.5 | 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. | 4.9 | 37 |
| 41 | Strong trans-Pacific break and local conservation units in the Galapagos shark (<i>Carcharhinus</i>) on the Great Barrier Reef. <i>Journal of Fish Biology</i> , 2011, 78, 1000-1010. | 2.8 | 37 |
| 42 | The historical biogeography of groupers: Clade diversification patterns and processes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 21-30. | 2.7 | 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. | 1.6 | 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. | 1.7 | 29 |
| 45 | Genetic diversity in parthenogenetic triploid <i>Paragonimus westermani</i> . <i>International Journal for Parasitology</i> , 1999, 29, 1477-1482. | 3.1 | 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. | 1.7 | 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. | 2.0 | 24 |
| 48 | Absence of genetic linkage of chromosome 5q31 with asthma and atopy in the general population. <i>Thorax</i> , 1997, 52, 816-817. | 5.6 | 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. | 1.9 | 23 |
| 50 | Evolution of sympatric species: a case study of the coral reef fish genus <i>Omacanthus</i> (Serranidae). <i>Journal of Biogeography</i> , 2013, 40, 1676-1687. | 3.0 | 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. | 1.8 | 22 |
| 52 | Development and application of microsatellite markers for <i>Scomberomorus commerson</i> (Perciformes; Scombridae) on the Great Barrier Reef. <i>Journal of Fish Biology</i> , 2003, 62, 258-266. | 1.7 | 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. | 1.6 | 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. | 2.2 | 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. | 1.9 | 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. | 1.7 | 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. | 2.5 | 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. | 2.7 | 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. | 2.4 | 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. | 1.5 | 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. | 1.0 | 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. | 3.2 | 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. | 1.6 | 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. | 1.7 | 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. | 1.9 | 14 |
| 69 | New range and habitat records for threatened Australian sea snakes raise challenges for conservation. <i>Biological Conservation</i> , 2016, 194, 66-70. | 4.1 | 14 |
| 70 | Crouzon syndrome is not linked to craniosynostosis loci at 7p and 5qter.. <i>Journal of Medical Genetics</i> , 1994, 31, 219-221. | 3.2 | 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. | 1.4 | 12 |
| 72 | An assessment workflow to recover microplastics from complex biological matrices. <i>Marine Pollution Bulletin</i> , 2022, 179, 113676. | 5.0 | 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. | 2.2 | 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 | 3.9 | 11 |
| 75 | Genetic structure across the GBR: evidence from short-lived gobies. <i>Marine Biology</i> , 2010, 157, 945-953. | 1.5 | 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. | 2.4 | 9 |
| 78 | Comparative characterization of a temperature responsive gene (lactate dehydrogenase-B, ldh-b) 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. | 6.4 | 9 |
| 79 | Murky waters: Searching for structure in genetically depauperate blue threadfin populations of Western Australia. <i>Fisheries Research</i> , 2013, 146, 1-6. | 1.7 | 9 |
| 80 | Species integrity, introgression, and genetic variation across a coral reef fish hybrid zone. <i>Ecology and Evolution</i> , 2020, 10, 11998-12014. | 1.9 | 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. | 1.7 | 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. | 2.2 | 7 |
| 84 | Naturally occurring hybrids of coral reef butterflyfishes have similar fitness compared to parental species. <i>PLoS ONE</i> , 2017, 12, e0173212. | 2.5 | 7 |
| 85 | Closing the gap: mixed stock analysis of three foraging populations of green turtles (<i>Chelonia) Tj ETQq1 1 0.784314 rgBT /Overlock 2.0 | 2.0 | 7 |
| 86 | Unique fish assemblages at worldâ€™s southernmost oceanic coral reefs, Elizabeth and Middleton Reefs, Tasman Sea, Australia. <i>Coral Reefs</i> , 2008, 27, 15-15. | 2.2 | 5 |
| 87 | Exposing local adaptation: synergistic stressors elicit population-specific lactate dehydrogenase-B (ldh-b) expression profiles in Australian barramundi, <i>Lates calcarifer</i> . <i>Aquatic Sciences</i> , 2012, 74, 171-178. | 1.5 | 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. | 1.5 | 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. | 1.1 | 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. | 0.8 | 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. | 0.8 | 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. | 0.8 | 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. | 1.2 | 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. | 0.8 | 3 |
| 95 | A Colorimetric Approach towards Polycyclic Aromatic Hydrocarbon Sensing. <i>Australian Journal of Chemistry</i> , 2016, 69, 1292. | 0.9 | 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. | 0.8 | 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. | 1.0 | 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. | 1.0 | 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. | 0.8 | 1 |