

# Pablo Saenz-Agudelo

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

2,109  
citations

279798

23  
h-index

254184

43  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2520  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The status of coral reef ecology research in the Red Sea. <i>Coral Reefs</i> , 2013, 32, 737-748.  | 2.2 | 153       |
| 2  | Dispersal of Grouper Larvae Drives Local Resource Sharing in a Coral Reef Fishery. <i>Current Biology</i> , 2013, 23, 626-630.   | 3.9 | 150       |
| 3  | A review of contemporary patterns of endemism for shallow water reef fauna in the Red Sea. <i>Journal of Biogeography</i> , 2016, 43, 423-439.   | 3.0 | 150       |
| 4  | Persistence of self-recruitment and patterns of larval connectivity in a marine protected area network. <i>Ecology and Evolution</i> , 2012, 2, 444-452.   | 1.9 | 131       |
| 5  | Relative accuracy of three common methods of parentage analysis in natural populations. <i>Molecular Ecology</i> , 2013, 22, 1158-1170.  | 3.9 | 119       |
| 6  | Connectivity dominates larval replenishment in a coastal reef fish metapopulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2954-2961.                              | 2.6 | 114       |
| 7  | Estimating connectivity in marine populations: an empirical evaluation of assignment tests and parentage analysis under different gene flow scenarios. <i>Molecular Ecology</i> , 2009, 18, 1765-1776. | 3.9 | 110       |
| 8  | Larval fish dispersal in a coral-reef seascape. <i>Nature Ecology and Evolution</i> , 2017, 1, 148.  | 7.8 | 101       |
| 9  | Environmental gradients predict the genetic population structure of a coral reef fish in the Red Sea. <i>Molecular Ecology</i> , 2014, 23, 591-602.  | 3.9 | 91        |
| 10 | Large-scale, multidirectional larval connectivity among coral reef fish populations in the Great Barrier Reef Marine Park. <i>Molecular Ecology</i> , 2016, 25, 6039-6054.                             | 3.9 | 79        |
| 11 | Seascape genetics along environmental gradients in the Arabian Peninsula: insights from ddRAD sequencing of anemonefishes. <i>Molecular Ecology</i> , 2015, 24, 6241-6255.                             | 3.9 | 65        |
| 12 | Exploring seascape genetics and kinship in the reef sponge <i>S. tylicia carteri</i> in the Red Sea. <i>Ecology and Evolution</i> , 2015, 5, 2487-2502.  | 1.9 | 64        |
| 13 | Taxonomic, Spatial and Temporal Patterns of Bleaching in Anemones Inhabited by Anemonefishes. <i>PLoS ONE</i> , 2013, 8, e70966.   | 2.5 | 53        |
| 14 | Patterns and persistence of larval retention and connectivity in a marine fish metapopulation. <i>Molecular Ecology</i> , 2012, 21, 4695-4705.   | 3.9 | 51        |
| 15 | Marine Dispersal Scales Are Congruent over Evolutionary and Ecological Time. <i>Current Biology</i> , 2017, 27, 149-154.   | 3.9 | 45        |
| 16 | Not finding Nemo: limited reef-scale retention in a coral reef fish. <i>Coral Reefs</i> , 2015, 34, 383-392.   | 2.2 | 41        |
| 17 | Linking local retention, self-recruitment, and persistence in marine metapopulations. <i>Ecology</i> , 2015, 96, 2236-2244.  | 3.2 | 38        |
| 18 | Detrimental effects of host anemone bleaching on anemonefish populations. <i>Coral Reefs</i> , 2011, 30, 497-506.  | 2.2 | 37        |

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|----|--|-----|-----------|
| 19 | First genealogy for a wild marine fish population reveals multigenerational philopatry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13245-13250.               | 7.1 | 37        |
| 20 | An Out-of-Patagonia migration explains the worldwide diversity and distribution of <i>Saccharomyces eubayanus</i> lineages. <i>PLoS Genetics</i> , 2020, 16, e1008777.   | 3.5 | 34        |
| 21 | Reef-fish larval dispersal patterns validate no-take marine reserve network connectivity that links human communities. <i>Coral Reefs</i> , 2017, 36, 791-801.   | 2.2 | 30        |
| 22 | Mothers matter: contribution to local replenishment is linked to female size, mate replacement and fecundity in a fish metapopulation. <i>Marine Biology</i> , 2015, 162, 3-14.  | 1.5 | 29        |
| 23 | Widespread hybridization and bidirectional introgression in sympatric species of coral reef fish. <i>Molecular Ecology</i> , 2017, 26, 5692-5704.  | 3.9 | 27        |
| 24 | Microsatellites Reveal Genetic Homogeneity among Outbreak Populations of Crown-of-Thorns Starfish ( <i>Acanthaster cf. solaris</i> ) on Australia's Great Barrier Reef. <i>Diversity</i> , 2017, 9, 16.                | 1.7 | 23        |
| 25 | Comparative phylogeography of reef fishes from the Gulf of Aden to the Arabian Sea reveals two cryptic lineages. <i>Coral Reefs</i> , 2017, 36, 625-638.   | 2.2 | 19        |
| 26 | Understanding the origin of the most isolated endemic reef fish fauna of the Indo-Pacific: Coral reef fishes of Rapa Nui. <i>Journal of Biogeography</i> , 2019, 46, 723-733.  | 3.0 | 19        |
| 27 | On minimizing assignment errors and the trade-off between false positives and negatives in parentage analysis. <i>Molecular Ecology</i> , 2013, 22, 5738-5742.   | 3.9 | 16        |
| 28 | Population genomic response to geographic gradients by widespread and endemic fishes of the Arabian Peninsula. <i>Ecology and Evolution</i> , 2020, 10, 4314-4330.   | 1.9 | 16        |
| 29 | The biogeography of <i>Dromiciops</i> in southern South America: Middle Miocene transgressions, speciation and associations with <i>Nothofagus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 163, 107234. | 2.7 | 16        |
| 30 | Coral reef fish populations can persist without immigration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151311.   | 2.6 | 15        |
| 31 | The ecology and evolution of the monito del monte, a relict species from the southern South America temperate forests. <i>Ecology and Evolution</i> , 2022, 12, e8645.   | 1.9 | 15        |
| 32 | The role of marine reserves in the replenishment of a locally impacted population of anemonefish on the Great Barrier Reef. <i>Molecular Ecology</i> , 2016, 25, 487-499.  | 3.9 | 14        |
| 33 | Monitoring vertebrate biodiversity of a protected coastal wetland using eDNA metabarcoding. <i>Environmental DNA</i> , 2022, 4, 77-92.   | 5.8 | 14        |
| 34 | Seascape and life-history traits do not predict self-recruitment in a coral reef fish. <i>Biology Letters</i> , 2016, 12, 20160309.  | 2.3 | 12        |
| 35 | High-Throughput Sequencing and Linkage Mapping of a Clownfish Genome Provide Insights on the Distribution of Molecular Players Involved in Sex Change. <i>Scientific Reports</i> , 2018, 8, 4073.                      | 3.3 | 12        |
| 36 | Fishes and Connectivity of Red Sea Coral Reefs. <i>Coral Reefs of the World</i> , 2019, , 157-179.   | 0.7 | 12        |

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|----|--|-----|-----------|
| 37 | Draft genome of an iconic Red Sea reef fish, the blacktail butterflyfish ( <i>Chaetodon austriacus</i> ): current status and its characteristics. <i>Molecular Ecology Resources</i> , 2018, 18, 347-355.  | 4.8 | 11        |
| 38 | Evidence of cryptic species in the blenniid <i>Cirripectes alboapicalis</i> species complex, with zoogeographic implications for the South Pacific. <i>ZooKeys</i> , 2018, 810, 127-138.   | 1.1 | 11        |
| 39 | Strong habitat and weak genetic effects shape the lifetime reproductive success in a wild clownfish population. <i>Ecology Letters</i> , 2020, 23, 265-273.  | 6.4 | 11        |
| 40 | Novel polymorphic microsatellite markers developed for a common reef sponge, <i>Stylissa carteri</i> . <i>Marine Biodiversity</i> , 2013, 43, 237-241.   | 1.0 | 9         |
| 41 | Comparative phylogeography of three host sea anemones in the Indo-Pacific. <i>Journal of Biogeography</i> , 2020, 47, 487-500.   | 3.0 | 8         |
| 42 | Coping with Pleistocene climatic fluctuations: Demographic responses in remote endemic reef fishes. <i>Molecular Ecology</i> , 2020, 29, 2218-2233.  | 3.9 | 8         |
| 43 | Genomic diversity and demographic history of the <i>Dromiciops</i> genus (Marsupialia: Microbiotheriidae). <i>Molecular Phylogenetics and Evolution</i> , 2022, 168, 107405.   | 2.7 | 8         |
| 44 | Fine-scale hierarchical genetic structure and kinship analysis of the ascidian <i>Pyura chilensis</i> in the southeastern Pacific. <i>Ecology and Evolution</i> , 2019, 9, 9855-9868.  | 1.9 | 7         |
| 45 | Using a butterflyfish genome as a general tool for RAD-seq studies in specialized reef fish. <i>Molecular Ecology Resources</i> , 2017, 17, 1330-1341.   | 4.8 | 6         |
| 46 | Genomic landscape of geographically structured colour polymorphism in a temperate marine fish. <i>Molecular Ecology</i> , 2021, 30, 1281-1296.   | 3.9 | 6         |
| 47 | Larval dispersal and fishing pressure influence recruitment in a coral reef fishery. <i>Journal of Applied Ecology</i> , 2021, 58, 2924-2935.  | 4.0 | 6         |
| 48 | Nutrient status in coral reefs of the <i>Ilhas Eparsas</i> (Scattered Islands): comparison to nearby reefs subject to higher anthropogenic influences (Mozambique Channel and Mascarenes, Indian Ocean). <i>Oceanological and Hydrobiological Studies</i> , 2011, 40, 84-90. | 0.7 | 5         |
| 49 | Development of 35 novel microsatellite markers for the two-band anemonefish <i>Amphiprion bicinctus</i> . <i>Conservation Genetics Resources</i> , 2013, 5, 515-518.   | 0.8 | 5         |
| 50 | Characterization of new microsatellite loci for population genetic studies in the Smooth Cauliflower Coral ( <i>Stylophora</i> sp.). <i>Conservation Genetics Resources</i> , 2013, 5, 561-563.  | 0.8 | 5         |
| 51 | Genetic tools link long-term demographic and life-history traits of anemonefish to their anemone hosts. <i>Coral Reefs</i> , 2016, 35, 1127-1138.  | 2.2 | 5         |
| 52 | Travel with your kin ship! Insights from genetic sibship among settlers of a coral damselfish. <i>Ecology and Evolution</i> , 2020, 10, 8265-8278.   | 1.9 | 5         |
| 53 | Characterization and cross-amplification of microsatellite markers in four species of anemonefish (Pomacentridae, <i>Amphiprion</i> spp.). <i>Marine Biodiversity</i> , 2016, 46, 135-140.   | 1.0 | 4         |
| 54 | DNA reconciles morphology and colouration in the drunk blenny genus <i>Scartichthys</i> (Teleostei: Blenniidae) and provides insights into their evolutionary history. <i>Journal of Fish Biology</i> , 2022, 100, 507-518.  | 1.6 | 4         |

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|----|--|-----|-----------|
| 55 | Pieces in a global puzzle: Population genetics at two whale shark aggregations in the western Indian Ocean. <i>Ecology and Evolution</i> , 2022, 12, e8492.  | 1.9 | 4         |
| 56 | Population genomic analyses reveal hybridization and marked differences in genetic structure of <i>Scurria</i> limpet sister species with parapatric distributions across the South Eastern Pacific. <i>Ecology and Evolution</i> , 2022, 12, e8888.                                 | 1.9 | 4         |
| 57 | Isolation and characterization of 29 microsatellite markers for the bumphead parrotfish, <i>Bolbometopon muricatum</i> , and cross amplification in 12 related species. <i>Marine Biodiversity</i> , 2015, 45, 861-866.  | 1.0 | 3         |
| 58 | Genetic diversity and kinship relationships in one of the largest South American fur seal ( <i>Callorhinus ursinus</i> ). <i>Marine Biology</i> , 2019, 167, 622-630.  | 1.9 | 3         |
| 59 | Pinpointing genetic breaks in the southeastern Pacific: Phylogeography and genetic structure of a commercially important tunicate. <i>Journal of Biogeography</i> , 2021, 48, 2604-2615.   | 3.0 | 3         |
| 60 | Development and characterization of new polymorphic microsatellite markers in four sea anemones: <i>Entacmaea quadricolor</i> , <i>Heteractis magnifica</i> , <i>Stichodactyla gigantea</i> , and <i>Stichodactyla mertensii</i> . <i>Marine Biodiversity</i> , 2018, 48, 1283-1290. | 1.0 | 2         |
| 61 | Novel microsatellite markers for <i>Pyura chilensis</i> reveal fine-scale genetic structure along the southern coast of Chile. <i>Marine Biodiversity</i> , 2018, 48, 1777-1786.   | 1.0 | 2         |
| 62 | <i>Cocconeis vaiamanuensis</i> sp. nov. (Bacillariophyceae) from Raivavae (South Pacific) and allied taxa: ultrastructural specificities and remarks about the polyphyletic genus <i>Cocconeis</i> Ehrenberg. <i>Marine Biodiversity</i> , 2021, 51, 1.                              | 1.0 | 2         |
| 63 | Stochastic nature of larval dispersal at sea. <i>Molecular Ecology</i> , 2021, 30, 2197-2198.  | 3.9 | 2         |
| 64 | Morphological and genetic divergence supports peripheral endemism and a recent evolutionary history of <i>Chrysiptera</i> demoiselles in the subtropical South Pacific. <i>Coral Reefs</i> , 2019, 38, 1.  | 2.2 | 2         |
| 65 | Development of polymorphic microsatellite loci for conservation genetic studies of the coral reef fish <i>Centropyge bicolor</i> . <i>Journal of Fish Biology</i> , 2015, 87, 748-753.   | 1.6 | 1         |
| 66 | Characterization of 11 novel microsatellite markers for the vagabond butterflyfish, <i>Chaetodon vagabundus</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 713-714.   | 0.8 | 1         |
| 67 | Microsatellite multiplex assay for the coral-eating crown-of-thorns starfish, <i>Acanthaster cf. planci</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 627-630.   | 0.8 | 1         |
| 68 | <i>Cocconeis tsara</i> sp. nov., <i>C. santandrea</i> sp. nov. and allied taxa pertaining to the new section <i>Loculatae</i> . <i>Phytotaxa</i> , 2021, 484, 145-169.   | 0.3 | 1         |
| 69 | New <i>Amphicoconeis</i> (Bacillariophyta) from Raivavae and Tahiti Islands (South Pacific) and Porto Belo (Brazil), with re-examination of <i>Psammococconeis</i> . <i>Phytotaxa</i> , 2021, 513, .   | 0.3 | 0         |