Peter R Teske

List of Publications by Year
in descending order

104 papers	2,402 citations	201674 27 h-index	254184 43 g-index
112 all docs	112 docs citations	112 times ranked	2322 citing authors

#	Article	IF	Citations
1	A review of marine phylogeography in southern Africa. South African Journal of Science, 2011, 107, .	0.7	132
2	Unexpected genetic structure of mussel populations in South Africa: indigenous Perna perna and invasive Mytilus galloprovincialis. Marine Ecology - Progress Series, 2007, 337, 135-144.	1.9	106
3	What limits the distribution of subtidal macrobenthos in permanently open and temporarily open/closed South African estuaries? Salinity vs. sediment particle size. Estuarine, Coastal and Shelf Science, 2003, 57, 225-238.	2.1	104
4	Implications of life history for genetic structure and migration rates of southern African coastal invertebrates: planktonic, abbreviated and direct development. Marine Biology, 2007, 152, 697-711.	1.5	90
5	The evolutionary history of seahorses (Syngnathidae: Hippocampus): molecular data suggest a West Pacific origin and two invasions of the Atlantic Ocean. Molecular Phylogenetics and Evolution, 2004, 30, 273-286.	2.7	82
6	Molecular evidence for long-distance colonization in an Indo-Pacific seahorse lineage. Marine Ecology - Progress Series, 2005, 286, 249-260.	1.9	78
7	Mitochondrial DNA is unsuitable to test for isolation by distance. Scientific Reports, 2018, 8, 8448.	3.3	76
8	Title is missing!. Hydrobiologia, 2001, 464, 227-243.	2.0	75
9	Impacts of marine biogeographic boundaries on phylogeographic patterns of three South African estuarine crustaceans. Marine Ecology - Progress Series, 2006, 314, 283-293.	1.9	75
10	Oceanic dispersal barriers, adaptation and larval retention: an interdisciplinary assessment of potential factors maintaining a phylogeographic break between sister lineages of an African prawn. BMC Evolutionary Biology, 2008, 8, 341.	3.2	66
11	Thermal selection as a driver of marine ecological speciation. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182023.	2.6	63
12	Evolution of seahorses' upright posture was linked to Oligocene expansion of seagrass habitats. Biology Letters, 2009, 5, 521-523.	2.3	59
13	Population genetics of the endangered Knysna seahorse, Hippocampus capensis. Molecular Ecology, 2003, 12, 1703-1715.	3.9	55
14	Marine dispersal and barriers drive Atlantic seahorse diversification. Journal of Biogeography, 2013, 40, 1839-1849.	3.0	47
15	Signatures of seaway closures and founder dispersal in the phylogeny of a circumglobally distributed seahorse lineage. BMC Evolutionary Biology, 2007, 7, 138.	3.2	46
16	Coastal topography drives genetic structure in marine mussels. Marine Ecology - Progress Series, 2008, 368, 189-195.	1.9	46
17	On-shelf larval retention limits population connectivity in a coastal broadcast spawner. Marine Ecology - Progress Series, 2015, 532, 1-12.	1.9	40
18	Connectivity between marine reserves and exploited areas in the philopatric reef fish Chrysoblephus laticeps (Teleostei: Sparidae). Marine Biology, 2010, 157, 2029-2042.	1.5	39

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19	Climate-driven genetic divergence of limpets with different life histories across a southeast African marine biogeographic disjunction: different processes, same outcome. Molecular Ecology, 2011, 20, 5025-5041.	3.9	39
20	"Nested" cryptic diversity in a widespread marine ecosystem engineer: a challenge for detecting biological invasions. BMC Evolutionary Biology, 2011, 11, 176.	3.2	39
21	Lack of genetic differentiation among four sympatric southeast African intertidal limpets (Siphonariidae): phenotypic plasticity in a single species?. Journal of Molluscan Studies, 2007, 73, 223-228.	1.2	34
22	Phylogeographic structure of Octopus vulgaris in South Africa revisited: identification of a second lineage near Durban harbour. Marine Biology, 2007, 151, 2119-2122.	1.5	34
23	A tropical/subtropical biogeographic disjunction in southeastern Africa separates two Evolutionarily Significant Units of an estuarine prawn. Marine Biology, 2009, 156, 1265-1275.	1.5	34
24	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2012â€“30 November 2012. Molecular Ecology Resources, 2013, 13, 341-343.	4.8	33
25	Oceanography promotes self-recruitment in a planktonic larval disperser. Scientific Reports, 2016, 6, 34205.	3.3	32
26	The distribution and abundance of the endangered Knysna seahorseHippocampus capensis(Pisces: Syngnathidae) in South African estuaries. African Journal of Aquatic Science, 2006, 31, 275-283.	1.1	31
27	Phylogeographic structure of the caridean shrimpPalaemon peringueyiin South Africa: further evidence for intraspecific genetic units associated with marine biogeographic provinces. African Journal of Marine Science, 2007, 29, 253-258.	1.1	30
28	Affinities of some common estuarine macroinvertebrates to salinity and sediment type: empirical data from Eastern Cape estuaries, South Africa. African Zoology, 2004, 39, 183-192.	0.4	29
29	Range-wide fragmentation in a threatened fish associated with post-European settlement modification in the Murrayâ€“Darling Basin, Australia. Conservation Genetics, 2016, 17, 1377-1391.	1.5	29
30	Climate Change, Genetics or Human Choice: Why Were the Shells of Mankind's Earliest Ornament Larger in the Pleistocene Than in the Holocene?. PLoS ONE, 2007, 2, e614.	2.5	28
31	Tri-locus sequence data reject a â€œGondwanan origin hypothesisâ€•for the African/South Pacific crab genus Hymenosoma. Molecular Phylogenetics and Evolution, 2009, 53, 23-33.	2.7	28
32	Cryptic diversity in coastal Australasia: a morphological and mitonuclear genetic analysis of habitat-forming sibling species. Zoological Journal of the Linnean Society, 2013, 168, 597-611.	2.3	27
33	An overview of Australia's temperate marine phylogeography, with new evidence from highâ€dispersal gastropods. Journal of Biogeography, 2017, 44, 217-229.	3.0	26
34	Does the endangered Knysna seahorse, Hippocampus capensis, have a preference for aquatic vegetation type, cover or height?. African Zoology, 2007, 42, 23-30.	0.4	25
35	Mitonuclear discordance in genetic structure across the Atlantic/Indian Ocean biogeographical transition zone. Journal of Biogeography, 2014, 41, 392-401.	3.0	25
36	Low genetic diversity in pygmy blue whales is due to climate-induced diversification rather than anthropogenic impacts. Biology Letters, 2015, 11, 20141037.	2.3	24

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37	Molecular dating and biogeography of the neritic krill Nyctiphanes. Marine Biology, 2008, 155, 243-247.	1.5	23
38	Rejection of the genetic implications of the â€œAbundant Centre Hypothesisâ€•in marine mussels. Scientific Reports, 2020, 10, 604.	3.3	23
39	Morphological and genetic analyses suggest that southern African crown crabs, Hymenosoma orbiculare, represent five distinct species. Crustaceana, 2007, 80, 667-683.	0.3	22
40	Historical demography of southern African patellid limpets: congruence of population expansions, but not phylogeography. African Journal of Marine Science, 2015, 37, 11-20.	1.1	22
41	A revision of the Pyura stolonifera species complex (Tunicata, Ascidiacea), with a description of a new species from Australia. Zootaxa, 2011, 2754, .	0.5	20
42	Can novel genetic analyses help to identify lowâ€dispersal marine invasive species?. Ecology and Evolution, 2014, 4, 2848-2866.	1.9	19
43	Reproductive philopatry in a coastal shark drives age-related population structure. Marine Biology, 2019, 166, 1.	1.5	19
44	Conservation implications of significant population differentiation in an endangered estuarine seahorse. Biodiversity and Conservation, 2017, 26, 1275-1293.	2.6	18
45	Two sides of the same coin: extinctions and originations across the Atlantic/Indian Ocean boundary as consequences of the same climate oscillation. Frontiers of Biogeography, 2013, 5, .	1.8	17
46	Passive dispersal against an ocean current. Marine Ecology - Progress Series, 2015, 539, 153-163.	1.9	17
47	Life-histories explain the conservation status of two estuary-associated pipefishes. Biological Conservation, 2017, 212, 256-264.	4.1	16
48	Isolation of microsatellite markers for the endangered Knysna seahorseHippocampus capensisand their use in the detection of a genetic bottleneck. Molecular Ecology Notes, 2007, 7, 638-640.	1.7	15
49	Genetic characterization of native and introduced populations of the neotropical cichlid genus Cichla in Brazil. Genetics and Molecular Biology, 2009, 32, 601-607.	1.3	14
50	Intronâ€spanning primers for the amplification of the nuclear ANT gene in decapod crustaceans. Molecular Ecology Resources, 2009, 9, 774-776.	4.8	14
51	Identification of a uniquely southern African clade of coastal pipefishes Syngnathus spp. Journal of Fish Biology, 2013, 82, 2045-2062.	1.6	14
52	Larval development reflects biogeography in two formerly synonymised southern African coastal crabs. African Journal of Aquatic Science, 2014, 39, 347-350.	1.1	14
53	Mitochondrial DNA paradox: sex-specific genetic structure in a marine mussel â€“ despite maternal inheritance and passive dispersal. BMC Genetics, 2012, 13, 45.	2.7	12
54	Genomics-informed models reveal extensive stretches of coastline under threat by an ecologically dominant invasive species. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12

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55	Ecological Dominance Along Rocky Shores, with a Focus on Intertidal Ascidians. , 2017, , 55-85.		12
56	Hippocampus queenslandicus Horne, 2001 - a new seahorse species or yet another synonym?. Australian Journal of Zoology, 2007, 55, 139.	1.0	11
57	Does the endangered Knysna seahorse, Hippocampus capensis, have a preference for aquatic vegetation type, cover or height?. African Zoology, 2007, 42, 23-30.	0.4	10
58	No divergent evolution, despite restricted connectivity, between Atlantic and Indian Ocean goby populations. Marine Biodiversity, 2016, 46, 465-471.	1.0	10
59	Is the Wild Coast in eastern South Africa a distinct marine bioregion?. Helgoland Marine Research, 2018, 72, .	1.3	10
60	The sardine run in southeastern Africa is a mass migration into an ecological trap. Science Advances, 2021, 7, eabf4514.	10.3	10
61	A comparison of genetic structure in two low-dispersal crabs from the Wild Coast, South Africa. African Journal of Marine Science, 2015, 37, 345-351.	1.1	9
62	Diversification and coevolution of the ghrelin/growth hormone secretagogue receptor system in vertebrates. Ecology and Evolution, 2016, 6, 2516-2535.	1.9	9
63	The complete mitogenome of the springtail Cryptopygus antarcticus travei provides evidence for speciation in the Sub-Antarctic region. Mitochondrial DNA Part B: Resources, 2019, 4, 1195-1197.	0.4	9
64	The complete mitogenome of the fairy shrimpÂStreptocephalus cafer (LovÃ©n, 1847) (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 1 Part B: Resources, 2020, 5, 623-625.	0.4	9
65	Microsatellite markers for the roman, Chrysoblephus laticeps (Teleostei: Sparidae), an overexploited seabream from South Africa. Molecular Ecology Resources, 2009, 9, 1162-1164.	4.8	8
66	Contrasting signals of genetic diversity and historical demography between two recently diverged marine and estuarine fish species. Marine Ecology - Progress Series, 2015, 526, 157-167.	1.9	8
67	Discovery of populations endemic to a marine biogeographical transition zone. Diversity and Distributions, 2020, 26, 1825-1832.	4.1	8
68	De Novo Transcriptome Assembly and Annotation of Liver and Brain Tissues of Common Brushtail Possums (Trichosurus vulpecula) in New Zealand: Transcriptome Diversity after Decades of Population Control. Genes, 2020, 11, 436.	2.4	8
69	Comparative phylogeography in a marine biodiversity hotspot provides novel insights into evolutionary processes across the Atlanticâ€Indian Ocean transition. Diversity and Distributions, 2022, 28, 2622-2636.	4.1	8
70	Isolation and characterisation of microsatellite loci in the Australian freshwater catfish (Tandanus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	7
71	Connectivity in solitary ascidians: Is a 24-h propagule duration sufficient to maintain large-scale genetic homogeneity?. Marine Biology, 2014, 161, 2681-2687.	1.5	7
72	A new species of habitatâ€“forming Suberites (Porifera, Demospongiae, Suberitida) in the Benguela upwelling region (South Africa). Zootaxa, 2017, 4254, 49-81.	0.5	7

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73	The complete mitogenome of an undescribed clam shrimp of the genus Gondwanalimnadia (Branchiopoda: Spinicaudata), from a temporary wetland in Central District, Botswana. Mitochondrial DNA Part B: Resources, 2020, 5, 1238-1240.	0.4	7
74	Intraspecific mitochondrial gene variation can be as low as that of nuclear rRNA. F1000Research, 2020, 9, 339.	1.6	7
75	The complete mitogenome of Leptestheria brevirostris Barnard, 1924, a rock pool clam shrimp (Branchiopoda: Spinicaudata) from Central District, Botswana. Mitochondrial DNA Part B: Resources, 2021, 6, 608-610.	0.4	6
76	Two sides of the same coin: extinctions and originations across the Atlantic/Indian Ocean boundary as consequences of the same climate oscillation. Frontiers of Biogeography, 2013, 5, .	1.8	5
77	Evolution of foraging behaviour: Deep intra-generic genetic divergence between territorial and non-territorial southern African patellid limpets. Molecular Phylogenetics and Evolution, 2017, 117, 95-101.	2.7	5
78	Comparative genetic structure in two high-dispersal prawn species from the south-west Indian Ocean. African Journal of Marine Science, 2017, 39, 467-474.	1.1	5
79	The complete mitochondrial genome of Africa's largest freshwater copepod, Lovenula raynerae. Mitochondrial DNA Part B: Resources, 2019, 4, 725-727.	0.4	5
80	New Latrunculiidae (Demospongiae, Poecilosclerida) from the Agulhas ecoregion of temperate southern Africa. Zootaxa, 2020, 4896, zootaxa.4896.3.4.	0.5	5
81	Invasion success of a habitat-forming marine invertebrate is limited by lower-than-expected dispersal ability. Marine Ecology - Progress Series, 2015, 536, 221-227.	1.9	5
82	The complete mitogenome of the springtail Tullbergia bisetosa: a subterranean springtail from the sub-Antarctic region. Mitochondrial DNA Part B: Resources, 2019, 4, 1594-1596.	0.4	4
83	Mitochondrial genome announcements need to consider existing short sequences from closely related species to prevent taxonomic errors. Conservation Genetics Resources, 2021, 13, 359-365.	0.8	4
84	A New Non-invasive Method for Collecting DNA From Small Mammals in the Field, and Its Application in Simultaneous Vector and Disease Monitoring in Brushtail Possums. Frontiers in Environmental Science, 2021, 9, .	3.3	4
85	The Last Two Remaining Populations of the Critically Endangered Estuarine Pipefish Are Inbred and Not Genetically Distinct. Frontiers in Marine Science, 2022, 8, .	2.5	4
86	The subspecies of Antarctic Terns (Sterna vittata) wintering on the South African coast: evidence from morphology, genetics and stable isotopes. Emu, 2015, 115, 223-236.	0.6	3
87	A survey of the oral cavity microbiome of New Zealand fur seal pups (Arctocephalus forsteri). Marine Mammal Science, 2020, 36, 334-343.	1.8	3
88	Environmental DNA Metabarcoding as a Means of Estimating Species Diversity in an Urban Aquatic Ecosystem. Animals, 2020, 10, 2064.	2.3	3
89	Hundreds of new DNA barcodes for South African sponges. Systematics and Biodiversity, 2021, 19, 747-769.	1.2	3
90	Dispersal barriers and stochastic reproductive success do not explain small-scale genetic structure in a broadcast spawning marine mussel. Marine Ecology - Progress Series, 2013, 482, 133-140.	1.9	3

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91	Intraspecific mitochondrial gene variation can be as low as that of nuclear rRNA. F1000Research, 2020, 9, 339.	1.6	3
92	Molecular insights into species recognition within southern Africa's endemicTricoliaradiation (Vetigastropoda: Phasianellidae). Journal of Molluscan Studies, 0, , eyv037.	1.2	2
93	Genomic resources for the spotted ragged-tooth shark Carcharias taurus. African Journal of Marine Science, 2019, 41, 115-118.	1.1	2
94	Oral Microbiome Metabarcoding in Two Invasive Small Mammals from New Zealand. Diversity, 2020, 12, 278.	1.7	2
95	A globally threatened shark, Carcharias taurus, shows no population decline in South Africa. Scientific Reports, 2020, 10, 17959.	3.3	2
96	Transcriptomic Diversity in the Livers of South African Sardines Participating in the Annual Sardine Run. Genes, 2021, 12, 368.	2.4	2
97	Coastal dunefields maintain preâ€Holocene genetic structure in a rocky shore red alga. Journal of Phycology, 2021, 57, 1542-1553.	2.3	2
98	Limitations of DNA barcoding in determining the origin of smuggled seahorses and pipefishes. Forensic Science International Animals and Environments, 2021, 1, 100006.	0.8	2
99	Characterization of 14 polymorphic microsatellite loci developed for an Afrotherian species endemic to southern Africa, Elephantulus myurus (Macroscelidea: Macroscelididae). Applied Entomology and Zoology, 2017, 52, 139-145.	1.2	1
100	Conservation priorities in an endangered estuarine seahorse are informed by demographic history. Scientific Reports, 2021, 11, 4205.	3.3	1
101	Genomic divergence and differential gene expression between crustacean ecotypes across a marine thermal gradient. Marine Genomics, 2021, 58, 100847.	1.1	1
102	The complete mitogenome of Isotomurus maculatus: a widespread species that is invading the sub-Antarctic region. Mitochondrial DNA Part B: Resources, 2019, 4, 1706-1708.	0.4	0
103	Development of genetic tools for the redbait species Pyura herdmani and P. stolonifera, important bioengineers along African coastlines. African Journal of Marine Science, 2021, 43, 251-257.	1.1	0
104	Genomeâ€wide analysis of European sea bass provides insights into the evolution and functions of singleâ€exon genes. Ecology and Evolution, 2021, 11, 6546-6557.	1.9	0