William B B Sherwin

List of Publications by Year
in descending order

96	6,172	109137	102304
papers	citations	35 h-index	66 g-index

103	103	103	6312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Historical museum samples enable the examination of divergent and parallel evolution during invasion. Molecular Ecology, 2022, 31, 1836-1852.	2.0	11
2	A stochastic model for estimating sustainable limits to wildlife mortality in a changing world. Conservation Biology, 2022, 36, .	2.4	8
3	Detecting steps in spatial genetic data: Which diversity measures are best?. PLoS ONE, 2022, 17, e0265110.	1.1	0
4	Genetics and Plasticity Are Responsible for Ecogeographical Patterns in a Recent Invasion. Frontiers in Genetics, 2022, 13, 824424.	1.1	5
5	Social integration influences fitness in allied male dolphins. Current Biology, 2022, 32, 1664-1669.e3.	1.8	20
6	Why does the complexity of functionally equivalent signals vary across closely related species?. Behavioral Ecology, 2022, 33, 926-936.	1.0	4
7	Transcriptâ€•and annotationâ€guided genome assembly of the European starling. Molecular Ecology Resources, 2022, 22, 3141-3160.	2.2	9
8	Signatures of selection in a recent invasion reveal adaptive divergence in a highly vagile invasive species. Molecular Ecology, 2021, 30, 1419-1434.	2.0	24
9	Cooperative partner choice in multi-level male dolphin alliances. Scientific Reports, 2021, 11, 6901.	1.6	18
10	Affiliation history and age similarity predict alliance formation in adult male bottlenose dolphins. Behavioral Ecology, 2020, 31, 361-370.	1.0	45
11	Evolution of defense and herbivory in introduced plantsâ€”Testing enemy release using a known source population, herbivore trials, and time since introduction. Ecology and Evolution, 2020, 10, 5451-5463.	0.8	7
12	Tropical plants do not have narrower temperature tolerances, but are more at risk from warming because they are close to their upper thermal limits. Global Ecology and Biogeography, 2020, 29, 1387-1398.	2.7	68
13	Is MHC diversity a better marker for conservation than neutral genetic diversity? A case study of two contrasting dolphin populations. Ecology and Evolution, 2019, 9, 6986-6998.	0.8	20
14	The Introduction of Entropy and Information Methods to Ecology by Ramon Margalef. Entropy, 2019, 21, 794.	1.1	28
15	Rapid evolution of leaf physiology in an introduced beach daisy. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191103.	1.2	8
16	Rapid reshaping: the evolution of morphological changes in an introduced beach daisy. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20181713.	1.2	18
17	Demography and genetics suggest reversal of dolphin sourceâ€sink dynamics, with implications for conservation. Marine Mammal Science, 2019, 35, 732-759.	0.9	21
18	An attributeâ€diversity approach to functional diversity, functional beta diversity, and related (dis)similarity measures. Ecological Monographs, 2019, 89, e01343.	2.4	80

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19	Applicability and limitations of sensitivity analyses for wildlife management. Journal of Applied Ecology, 2018, 55, 1430-1440.	1.9	35
20	Simulated Disperser Analysis: determining the number of loci required to genetically identify dispersers. PeerJ, 2018, 6, e4573.	0.9	1
21	Information Theory Broadens the Spectrum of Molecular Ecology and Evolution. Trends in Ecology and Evolution, 2017, 32, 948-963.	4.2	61
22	De Novo Assembly of the Liver Transcriptome of the European Starling, Sturnus vulgaris. Journal of Genomics, 2017, 5, 54-57.	0.6	11
23	The relative importance of reproduction and survival for the conservation of two dolphin populations. Ecology and Evolution, 2016, 6, 3496-3512.	0.8	86
24	Extraordinary conservation of entire chromosomes in insects over long evolutionary periods. Evolution; International Journal of Organic Evolution, 2016, 70, 229-234.	1.1	28
25	Paternity and male mating strategies of a ground squirrel (Ictidomys parvidens) with an extended mating season. Journal of Mammalogy, 2016, 97, 576-588.	0.6	6
26	Selection on Mitochondrial Variants Occurs between and within Individuals in an Expanding Invasion. Molecular Biology and Evolution, 2016, 33, 995-1007.	3.5	35
27	Understanding the Spatial Scale of Genetic Connectivity at Sea: Unique Insights from a Land Fish and a Meta-Analysis. PLoS ONE, 2016, 11, e0150991.	1.1	12
28	Evidence of Subdivisions on Evolutionary Timescales in a Large, Declining Marsupial Distributed across a Phylogeographic Barrier. PLoS ONE, 2016, 11, e0162789.	1.1	4
29	Expected Shannon Entropy and Shannon Differentiation between Subpopulations for Neutral Genes under the Finite Island Model. PLoS ONE, 2015, 10, e0125471.	1.1	32
30	Genes are information, so information theory is coming to the aid of evolutionary biology. Molecular Ecology Resources, 2015, 15, 1259-1261.	2.2	7
31	Is there evidence of selection in the dopamine receptor D4 gene in Australian invasive starling populations?. Environmental Epigenetics, 2015, 61, 505-519.	0.9	10
32	Tracking invasion and invasiveness in Queensland fruit flies: From classical genetics to â€˜omicsâ€™. Environmental Epigenetics, 2015, 61, 477-487.	0.9	13
33	How Well Do Molecular and Pedigree Relatedness Correspond, in Populations with Diverse Mating Systems, and Various Types and Quantities of Molecular and Demographic Data?. G3: Genes, Genomes, Genetics, 2015, 5, 1815-1826.	0.8	29
34	A tool for tracking genetic contributions of wild Penaeus (Melicertus) plebejus broodstock to hatchery populations. Animal Genetics, 2014, 45, 888-892.	0.6	3
35	Characterizing the socially transmitted foraging tactic â€œspongingâ€•by bottlenose dolphins (Tursiops sp.) in the western gulf of Shark Bay, Western Australia. Marine Mammal Science, 2014, 30, 847-863.	0.9	13
36	The draft genome of the pest tephritid fruit fly Bactrocera tryoni: resources for the genomic analysis of hybridising species. BMC Genomics, 2014, 15, 1153.	1.2	41

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37	Testing single-sample estimators of effective population size in genetically structured populations. Conservation Genetics, 2014, 15, 23-35.	0.8	25
38	Cultural transmission of tool use combined with habitat specializations leads to fine-scale genetic structure in bottlenose dolphins. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133245.	1.2	70
39	Genetic monitoring reveals significant population structure in eastern quolls: implications for the conservation of a threatened carnivorous marsupial. Australian Mammalogy, 2014, 36, 169.	0.7	10
40	Australian endemic pest tephritids: genetic, molecular and microbial tools for improved Sterile Insect Technique. BMC Genetics, 2014, 15, S9.	2.7	23
41	Novel polymorphic microsatellite loci for the eastern king prawn, Penaeus (Melicertus) plebejus. Conservation Genetics Resources, 2013, 5, 1125-1128.	0.4	0
42	High genetic diversity is not essential for successful introduction. Ecology and Evolution, 2013, 3, 4501-4517.	0.8	66
43	A novel mammalian social structure in Indo-Pacific bottlenose dolphins (Tursiopssp.): complex male alliances in an open social network. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3083-3090.	1.2	50
44	Corrigendum to: Inbreeding and testicular abnormalities in a bottlenecked population of koalas (Phascolarctos cinereus). Wildlife Research, 2012, 39, 374.	0.7	2
45	Modelling the emergence and stability of a vertically transmitted cultural trait in bottlenose dolphins. Animal Behaviour, 2012, 84, 1347-1362.	0.8	15
46	Reproductive betâ€hedging in a rare yet widespread rainforest tree, Syzygium paniculatum (Myrtaceae). Austral Ecology, 2012, 37, 936-944.	0.7	14
47	Augmenting markâ€“recapture with beach counts to estimate the abundance of little penguins on Penguin Island, Western Australia. Wildlife Research, 2011, 38, 491.	0.7	7
48	Mitochondrial DNA offers unique insights into invasion history of the common starling. Molecular Ecology, 2011, 20, 2307-2317.	2.0	53
49	Predictions of single-nucleotide polymorphism differentiation between two populations in terms of mutual information. Molecular Ecology, 2011, 20, 3156-3166.	2.0	15
50	Induced dispersal in wildlife management: experimental evaluation of the risk of hybrid breakdown and the benefit of hybrid vigor in the F1 generation. Conservation Genetics, 2011, 12, 31-40.	0.8	5
51	A new level of complexity in the male alliance networks of Indian Ocean bottlenose dolphins () Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	60
52	Nature and nurture. Communicative and Integrative Biology, 2011, 4, 192-193.	0.6	1
53	Detecting bottlenecks using BOTTLENECK 1.2.02 in wild populations: the importance of the microsatellite structure. Conservation Genetics, 2010, 11, 1043-1049.	0.8	87
54	Home range overlap, matrilineal and biparental kinship drive female associations in bottlenose dolphins. Animal Behaviour, 2010, 80, 481-486.	0.8	106

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55	Social and genetic interactions drive fitness variation in a free-living dolphin population. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19949-19954.	3.3	194
56	Inbreeding tolerance and fitness costs in wild bottlenose dolphins. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2667-2673.	1.2	40
57	Entropy and Information Approaches to Genetic Diversity and its Expression: Genomic Geography. Entropy, 2010, 12, 1765-1798.	1.1	81
58	Genetic evidence for sex-specific migratory behaviour in western South Pacific humpback whales. Marine Ecology - Progress Series, 2010, 398, 275-286.	0.9	27
59	Effects of founder events on the genetic variation of translocated island populations: implications for conservation management of the northern quoll. Conservation Genetics, 2009, 10, 1719-1733.	0.8	47
60	Invasive species can't cover their tracks: using microsatellites to assist management of starling (Sturnus vulgaris) populations in Western Australia. Molecular Ecology, 2009, 18, 1560-1573.	2.0	120
61	Inbreeding and testicular abnormalities in a bottlenecked population of koalas (Phascolarctos) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.7	49
62	Dispersal limitations, rather than bottlenecks or habitat specificity, can restrict the distribution of rare and endemic rainforest trees. American Journal of Botany, 2008, 95, 321-329.	0.8	66
63	Limited cross-species microsatellite amplification and the isolation and characterization of new microsatellite markers for the greater stick-nest rat (Leporillus conditor). Molecular Ecology Notes, 2006, 6, 882-885.	1.7	3
64	Measurement of biological information with applications from genes to landscapes. Molecular Ecology, 2006, 15, 2857-2869.	2.0	111
65	Population genetic tools for pest management: a review. Wildlife Research, 2006, 33, 251.	0.7	59
66	Cultural transmission of tool use in bottlenose dolphins. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8939-8943.	3.3	437
67	â€˜O father: where art thou?â€™- Paternity assessment in an open fission-fusion society of wild bottlenose dolphins (Tursiops sp.) in Shark Bay, Western Australia. Molecular Ecology, 2004, 13, 1975-1990.	2.0	115
68	POPULATION STRUCTURE IN AN INSHORE CETACEAN REVEALED BY MICROSATELLITE AND mtDNA ANALYSIS: BOTTLENOSE DOLPHINS (TURSIOPS SP.) IN SHARK BAY, WESTERN AUSTRALIA. Marine Mammal Science, 2004, 20, 28-47.	0.9	122
69	The effects of inbreeding on mortality during a morbillivirus outbreak in the Mediterranean striped dolphin (Stenella coeruleoalba). Animal Conservation, 2004, 7, 139-146.	1.5	61
70	Pooling hair samples to increase DNA yield for PCR. Conservation Genetics, 2003, 4, 779-788.	0.8	22
71	Contrasting relatedness patterns in bottlenose dolphins (Tursiopssp.) with different alliance strategies. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 497-502.	1.2	116
72	The effects of a low-intensity fire on small mammals and lizards in a logged, burnt forest. Wildlife Research, 2003, 30, 477.	0.7	28

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73	Modelling mammalian extinction and forecasting recovery: koalas at Iluka (NSW, Australia). Biological Conservation, 2002, 106, 101-113.	1.9	57
74	A BIOPSY SYSTEM FOR SMALL CETACEANS: DARTING SUCCESS AND WOUND HEALING IN TURSIOPS SPP.. Marine Mammal Science, 2002, 18, 863-878.	0.9	228
75	Characterization of microsatellite loci in Tursiops aduncus. Molecular Ecology Notes, 2001, 1, 170-172.	1.7	93
76	Analysis and Conservation Implications of Koala Genetics. Conservation Biology, 2000, 14, 639-649.	2.4	60
77	Demographic Forecasting in Koala Conservation. Conservation Biology, 2000, 14, 629-638.	2.4	29
78	Title is missing!. Conservation Genetics, 2000, 1, 115-133.	0.8	16
79	Managing and monitoring genetic erosion. , 2000, , 9-34.		47
80	Phylogeographical population structure of tiger quolls Dasyurus maculatus (Dasyuridae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (I	2.0	71
81	Genetic variation in captive koalas (Phascolarctos cinereus): parentage determination and individual identification. Biochemical Genetics, 1998, 36, 193-206.	0.8	9
82	Distortion of allele frequency distributions provides a test for recent population bottlenecks. , 1998, 89, 238-247.		1,324
83	Usefulness of molecular markers for detecting population bottlenecks via monitoring genetic change. Molecular Ecology, 1998, 7, 963-974.	2.0	427
84	Conservation genetics of the koala (Phascolarctos cinereus): low mitochondrial DNA variation amongst southern Australian populations. Genetical Research, 1997, 69, 25-33.	0.3	28
85	Relatedness structure detected by microsatellite analysis and attempted pedigree reconstruction in an endangered marsupial, the northern hairyâ€nosed wombat Lasiorhinus krefftii. Molecular Ecology, 1997, 6, 9-19.	2.0	83
86	Characterization of microsatellite loci in the endangered longâ€footed potoroo Potorous longipes. Molecular Ecology, 1997, 6, 497-498.	2.0	19
87	Paternity Exclusion in Koalas Using Hypervariable Microsatellites. Journal of Heredity, 1996, 87, 149-152.	1.0	43
88	Evolution of MHC class I loci in marsupials: characterization of sequences from koala (Phascolarctos cinereus) [published erratum appears in Mol Biol Evol 1996 Dec;13(10):1407]. Molecular Biology and Evolution, 1996, 13, 1119-1127.	3.5	33
89	Genetic variation of microsatellite loci in a bottlenecked species: the northern hairy-nosed wombat Lasiorhinus krefftii. Molecular Ecology, 1994, 3, 277-290.	2.0	357
90	VNTR loci reveal differentiation between and structure within populations of the eastern barred bandicoot Perameles gunnii. Molecular Ecology, 1993, 2, 195-207.	2.0	17

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91	A note on the Status of the Eastern barred bandicoot, Perameles gunni, in Tasmania. Wildlife Research, 1991, 18, 451.	0.7	8
92	Measurement of Genetic Variation in Endangered Populations: Bandicoots (Marsupialia: Peramelidae) as an Example. Conservation Biology, 1991, 5, 103-108.	2.4	26
93	Collecting mammalian tissue and data for genetic studies. Mammal Review, 1991, 21, 21-30.	2.2	1
94	Conservation genetics of the koala (Phascolarctos cinereus) II. Limited variability in minisatellite DNA sequences. Biochemical Genetics, 1991, 29, 355-363.	0.8	34
95	Posttranslational modification of? 1-antitrypsin (protease inhibitor) and alkaline phosphatase in the marsupial,Perameles gunnii. Biochemical Genetics, 1990, 28, 111-115.	0.8	3
96	Population and Conservation Genetics of Marsupials. Australian Journal of Zoology, 1989, 37, 161.	0.6	14