Michael KrÃ¼tzen

List of Publications by Year
in descending order

96	6,068	76294 40	76872 74
papers	citations	h-index	g-index

97	97	97	5490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Allied male dolphins use vocal exchanges to â€œbond at a distanceâ€• Current Biology, 2022, 32, 1657-1663.e4.	1.8	20
2	Social integration influences fitness in allied male dolphins. Current Biology, 2022, 32, 1664-1669.e3.	1.8	20
3	On Multifaceted Definitions of Multilevel Societies: Response to Papageorgiou and Farine. Trends in Ecology and Evolution, 2021, 36, 17-19.	4.2	3
4	Inconsistency Between Socio-Spatial and Genetic Structure in a Coastal Dolphin Population. Frontiers in Marine Science, 2021, 7, .	1.2	6
5	Cooperative partner choice in multi-level male dolphin alliances. Scientific Reports, 2021, 11, 6901.	1.6	18
6	Cooperation-based concept formation in male bottlenose dolphins. Nature Communications, 2021, 12, 2373.	5.8	31
7	Short Tandem Repeats as a High-Resolution Marker for Capturing Recent Orangutan Population Evolution. Frontiers in Bioinformatics, 2021, 1, .	1.0	1
8	Affiliation history and age similarity predict alliance formation in adult male bottlenose dolphins. Behavioral Ecology, 2020, 31, 361-370.	1.0	45
9	Genomics of Population Differentiation in Humpback Dolphins,Sousaspp. in the Indo-Pacific Ocean. Journal of Heredity, 2020, 111, 652-660.	1.0	3
10	Multilevel Organisation of Animal Sociality. Trends in Ecology and Evolution, 2020, 35, 834-847.	4.2	84
11	Taxonomy and distribution of bottlenose dolphins (genusTursiops) in Australian waters: an osteological clarification. Canadian Journal of Zoology, 2020, 98, 461-479.	0.4	10
12	Integrating Genetic, Environmental, and Social Networks to Reveal Transmission Pathways of a Dolphin Foraging Innovation. Current Biology, 2020, 30, 3024-3030.e4.	1.8	28
13	Acoustic coordination by allied male dolphins in a cooperative context. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192944.	1.2	16
14	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
15	Multi-network-based diffusion analysis reveals vertical cultural transmission of sponge tool use within dolphin matrilines. Biology Letters, 2019, 15, 20190227.	1.0	36
16	Vocal behaviour of allied male dolphins during cooperative mate guarding. Animal Cognition, 2019, 22, 991-1000.	0.9	25
17	Male aggression varies with consortship rate and habitat in a dolphin social network. Behavioral Ecology and Sociobiology, 2019, 73, 1.	0.6	9
18	Tool use and social homophily among male bottlenose dolphins. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190898.	1.2	11

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19	Long-term decline in survival and reproduction of dolphins following a marine heatwave. Current Biology, 2019, 29, R239-R240.	1.8	68
20	Low genetic diversity, limited gene flow and widespread genetic bottleneck effects in a threatened dolphin species, the Australian humpback dolphin. Biological Conservation, 2018, 220, 192-200.	1.9	31
21	Genomes reveal marked differences in the adaptive evolution between orangutan species. Genome Biology, 2018, 19, 193.	3.8	18
22	Payoff- and Sex-Biased Social Learning Interact in a Wild Primate Population. Current Biology, 2018, 28, 2800-2805.e4.	1.8	46
23	Molecular characterization of Treponema pallidum subsp. pallidum in Switzerland and France with a new multilocus sequence typing scheme. PLoS ONE, 2018, 13, e0200773.	1.1	55
24	Bottlenose Dolphins Retain Individual Vocal Labels in Multi-level Alliances. Current Biology, 2018, 28, 1993-1999.e3.	1.8	32
25	Demographic collapse and low genetic diversity of the Irrawaddy dolphin population inhabiting the Mekong River. PLoS ONE, 2018, 13, e0189200.	1.1	19
26	SONiCS: PCR stutter noise correction in genome-scale microsatellites. Bioinformatics, 2018, 34, 4115-4117.	1.8	6
27	Evidence that the rate of strong selective sweeps increases with population size in the great apes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1613-1618.	3.3	40
28	Male alliance behaviour and mating access varies with habitat in a dolphin social network. Scientific Reports, 2017, 7, 46354.	1.6	35
29	Morphometric, Behavioral, and Genomic Evidence for a New Orangutan Species. Current Biology, 2017, 27, 3487-3498.e10.	1.8	192
30	FOXP2 variation in great ape populations offers insight into the evolution of communication skills. Scientific Reports, 2017, 7, 16866.	1.6	27
31	Female vervet monkeys fine-tune decisions on tolerance versus conflict in a communication network. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171922.	1.2	3
32	Guidelines and quantitative standards to improve consistency in cetacean subspecies and species delimitation relying on molecular genetic data. Marine Mammal Science, 2017, 33, 132-155.	0.9	65
33	Cranial morphology and taxonomic resolution of some dolphin taxa (Delphinidae) in Australian waters, with a focus on the genus Tursiops. Marine Mammal Science, 2017, 33, 187-205.	0.9	11
34	A Full-Capture Hierarchical Bayesian Model of Pollock's Closed Robust Design and Application to Dolphins. Frontiers in Marine Science, 2016, 3, .	1.2	20
35	The relative importance of reproduction and survival for the conservation of two dolphin populations. Ecology and Evolution, 2016, 6, 3496-3512.	0.8	86
36	Genetic isolation between coastal and fisheryâ€impacted, offshore bottlenose dolphin (Tursiops) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	36

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37	Postdispersal nepotism in male longâ€tailed macaques (M acaca fascicularis). Ecology and Evolution, 2016, 6, 46-55.	0.8	8
38	Evolution and demography of the great apes. Current Opinion in Genetics and Development, 2016, 41, 124-129.	1.5	27
39	Reply to Garner et al.. Trends in Ecology and Evolution, 2016, 31, 83-84.	4.2	24
40	Identification of Diagnostic Mitochondrial DNA Single Nucleotide Polymorphisms Specific to Sumatran Orangutan (Pongo abelii) Populations. HAYATI Journal of Biosciences, 2015, 22, 149-156.	0.1	2
41	Male dolphin alliances in Shark Bay: changing perspectives in a 30-year study. Animal Behaviour, 2015, 103, 223-235.	0.8	140
42	Tandem repeat variation in human and great ape populations and its impact on gene expression divergence. Genome Research, 2015, 25, 1591-1599.	2.4	69
43	Genomics and the challenging translation into conservation practice. Trends in Ecology and Evolution, 2015, 30, 78-87.	4.2	469
44	Reconstructing the demographic history of orangâ€utans using Approximate <scp>B</scp>ayesian Computation. Molecular Ecology, 2015, 24, 310-327.	2.0	32
45	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
46	Generation of SNP datasets for orangutan population genomics using improved reduced-representation sequencing and direct comparisons of SNP calling algorithms. BMC Genomics, 2014, 15, 16.	1.2	72
47	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
48	Cultural transmission of tool use by Indo-Pacific bottlenose dolphins (Tursiops sp.) provides access to a novel foraging niche. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140374.	1.2	48
49	Variation in developmental arrest among male orangutans: a comparison between a Sumatran and a Bornean population. Frontiers in Zoology, 2013, 10, 12.	0.9	29
50	Integrating multiple lines of evidence to better understand the evolutionary divergence of humpback dolphins along their entire distribution range: a new dolphin species in Australian waters?. Molecular Ecology, 2013, 22, 5936-5948.	2.0	67
51	Apparent resource partitioning and trophic structure of large-bodied marine predators in a relatively pristine seagrass ecosystem. Marine Ecology - Progress Series, 2013, 481, 225-237.	0.9	69
52	Marked Population Structure and Recent Migration in the Critically Endangered Sumatran Orangutan (Pongo abelii). Journal of Heredity, 2013, 104, 2-13.	1.0	95
53	Could Relatedness Help Explain Why Individuals Lead in Bottlenose Dolphin Groups?. PLoS ONE, 2013, 8, e58162.	1.1	11
54	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

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55	Abundance, survival and temporary emigration of bottlenose dolphins (Tursiops sp.) off Useless Loop in the western gulf of Shark Bay, Western Australia. Marine and Freshwater Research, 2012, 63, 1059.	0.7	61
56	Conservation issues arising from maladaptive behaviours spreading socially. Animal Conservation, 2012, 15, 440-441.	1.5	1
57	Genetic variation and population decline of an endangered hoverfly Blera fallax (Diptera: Syrphidae). Conservation Genetics, 2012, 13, 1283-1291.	0.8	13
58	Similarity in Food Cleaning Techniques within Matrilines in Wild Vervet Monkeys. PLoS ONE, 2012, 7, e35694.	1.1	63
59	Call Cultures in Orang-Utans?. PLoS ONE, 2012, 7, e36180.	1.1	71
60	Effective Population Size Dynamics and the Demographic Collapse of Bornean Orang-Utans. PLoS ONE, 2012, 7, e49429.	1.1	67
61	Polymorphic microsatellite loci for the endangered pine hoverfly Blera fallax (Diptera: Syrphidae). Conservation Genetics Resources, 2012, 4, 117-120.	0.4	3
62	Female philopatry and its social benefits among Bornean orangutans. Behavioral Ecology and Sociobiology, 2012, 66, 823-834.	0.6	90
63	Heavily maleâ€biased longâ€distance dispersal of orangâ€utans (genus: Pongo), as revealed by Yâ€chromosomal and mitochondrial genetic markers. Molecular Ecology, 2012, 21, 3173-3186.	2.0	110
64	Parentageâ€based pedigree reconstruction reveals female matrilineal clusters and maleâ€biased dispersal in nongregarious Asian great apes, the Bornean orangâ€utans (Pongo pygmaeus). Molecular Ecology, 2012, 21, 3352-3362.	2.0	51
65	Ecological characteristics contribute to sponge distribution and tool use in bottlenose dolphins Tursiops sp.. Marine Ecology - Progress Series, 2012, 444, 143-153.	0.9	22
66	Why do Indoâ€Pacific bottlenose dolphins (Tursiops sp.) carry conch shells (Turbinella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	35
67	Culture and Geographic Variation in Orangutan Behavior. Current Biology, 2011, 21, 1808-1812.	1.8	93
68	Dispersal Patterns of Orang-utans (Pongo spp.) in a Bornean Peat-swamp Forest. International Journal of Primatology, 2011, 32, 362-376.	0.9	81
69	Determinants of Paternity Success in a Group of Captive Vervet Monkeys (Chlorocebus aethiops) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	5
70	Mitogenomic phylogenetic analyses of the Delphinidae with an emphasis on the Globicephalinae. BMC Evolutionary Biology, 2011, 11, 65.	3.2	76
71	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
72	Sex-Biased Dispersal and Volcanic Activities Shaped Phylogeographic Patterns of Extant Orangutans (genus: Pongo). Molecular Biology and Evolution, 2011, 28, 2275-2288.	3.5	129

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73	Nature and nurture. Communicative and Integrative Biology, 2011, 4, 192-193.	0.6	1
74	Genes or Culture: Are Mitochondrial Genes Associated with Tool Use in Bottlenose Dolphins (Tursiops sp.)?. Behavior Genetics, 2010, 40, 706-714.	1.4	31
75	A multiplex-system to target 16 male-specific and 15 autosomal genetic markers for orang-utans (genus:) Tj ETQq1 1 0.784314 rgBT /Ov	0.4	9
76	Home range overlap, matrilineal and biparental kinship drive female associations in bottlenose dolphins. Animal Behaviour, 2010, 80, 481-486.	0.8	106
77	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
78	Inbreeding tolerance and fitness costs in wild bottlenose dolphins. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2667-2673.	1.2	40
79	An integrated data management and video system for sampling aquatic benthos. Marine and Freshwater Research, 2010, 61, 1023.	0.7	9
80	The quest for Yâ€chromosomal markers â€“ methodological strategies for mammalian nonâ€model organisms. Molecular Ecology Resources, 2010, 10, 409-420.	2.2	26
81	Effects of Pleistocene glaciations and rivers on the population structure of Bornean orangutans () Tj ETQq1 1 0.784314 rgBT /Overloc America, 2010, 107, 21376-21381.	3.3	136
82	A cultured debate. Trends in Ecology and Evolution, 2009, 24, 530-531.	4.2	1
83	New polymorphic tetranucleotide microsatellites improve scoring accuracy in the bottlenose dolphin Tursiops aduncus. Molecular Ecology Resources, 2009, 9, 531-534.	2.2	31
84	Development of polymorphic microsatellite markers for the dung fly (Sepsis cynipsea). Molecular Ecology Resources, 2009, 9, 1554-1556.	2.2	1
85	When dispersal fails: unexpected genetic separation in Gibraltar macaques (Macaca sylvanus). Molecular Ecology, 2008, 17, 4027-4038.	2.0	9
86	Development of polymorphic microsatellite markers for the livebearing fish Poecilia parae. Molecular Ecology Resources, 2008, 8, 857-860.	2.2	8
87	The animal cultures debate: response to Laland and Janik. Trends in Ecology and Evolution, 2007, 22, 6-6.	4.2	35
88	Decline in Relative Abundance of Bottlenose Dolphins Exposed to Long-Term Disturbance. Conservation Biology, 2006, 20, 1791-1798.	2.4	515
89	Specialization and development of beach hunting, a rare foraging behavior, by wild bottlenose dolphins (Tursiops sp.). Canadian Journal of Zoology, 2005, 83, 1400-1410.	0.4	137
90	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

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91	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
92	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
93	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
94	A BIOPSY SYSTEM FOR SMALL CETACEANS: DARTING SUCCESS AND WOUND HEALING IN TURSIOPS SPP.. Marine Mammal Science, 2002, 18, 863-878.	0.9	228
95	Characterization of microsatellite loci in Tursiops aduncus. Molecular Ecology Notes, 2001, 1, 170-172.	1.7	93
96	Alliance membership and kinship in wild male bottlenose dolphins (Tursiops aduncus) of southeastern Australia. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1941-1947.	1.2	126