

# Andrea Manica

## List of Publications by Year in descending order

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Version: 2024-02-01

249  
papers

20,507  
citations

11608

70  
h-index

14156

128  
g-index

285  
all docs

285  
docs citations

285  
times ranked

24145  
citing authors

#	ARTICLE	IF	CITATIONS
1	An African origin for the intimate association between humans and <i>Helicobacter pylori</i> . <i>Nature</i> , 2007, 445, 915-918.	13.7	826
2	An Aboriginal Australian Genome Reveals Separate Human Dispersals into Asia. <i>Science</i> , 2011, 334, 94-98.	6.0	675
3	Genome-wide evidence for speciation with gene flow in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013, 23, 1817-1828.	2.4	609
4	Walk on the Wild Side: Estimating the Global Magnitude of Visits to Protected Areas. <i>PLoS Biology</i> , 2015, 13, e1002074.	2.6	584
5	Effects of sampling regime on the mean and variance of home range size estimates. <i>Journal of Animal Ecology</i> , 2006, 75, 1393-1405.	1.3	574
6	The genome of a Late Pleistocene human from a Clovis burial site in western Montana. <i>Nature</i> , 2014, 506, 225-229.	13.7	500
7	Pathogen-Driven Selection and Worldwide HLA Class I Diversity. <i>Current Biology</i> , 2005, 15, 1022-1027.	1.8	449
8	Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015, 349, aab3884.	6.0	449
9	A genomic history of Aboriginal Australia. <i>Nature</i> , 2016, 538, 207-214.	13.7	439
10	A Global Perspective on Trends in Nature-Based Tourism. <i>PLoS Biology</i> , 2009, 7, e1000144.	2.6	421
11	Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016, 538, 238-242.	13.7	360
12	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. <i>Genome Research</i> , 2015, 25, 459-466.	2.4	348
13	Geography predicts neutral genetic diversity of human populations. <i>Current Biology</i> , 2005, 15, R159-R160.	1.8	344
14	A global-level assessment of the effectiveness of protected areas at resisting anthropogenic pressures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23209-23215.	3.3	343
15	A Geographically Explicit Genetic Model of Worldwide Human-Settlement History. <i>American Journal of Human Genetics</i> , 2006, 79, 230-237.	2.6	340
16	Upper Palaeolithic genomes reveal deep roots of modern Eurasians. <i>Nature Communications</i> , 2015, 6, 8912.	5.8	334
17	Did Our Species Evolve in Subdivided Populations across Africa, and Why Does It Matter?. <i>Trends in Ecology and Evolution</i> , 2018, 33, 582-594.	4.2	315
18	The effect of ancient population bottlenecks on human phenotypic variation. <i>Nature</i> , 2007, 448, 346-348.	13.7	291

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19	Genomic structure in Europeans dating back at least 36,200 years. <i>Science</i> , 2014, 346, 1113-1118.	6.0	287
20	The configuration of Northern Hemisphere ice sheets through the Quaternary. <i>Nature Communications</i> , 2019, 10, 3713.	5.8	284
21	Ancient Ethiopian genome reveals extensive Eurasian admixture in Eastern Africa. <i>Science</i> , 2015, 350, 820-822.	6.0	277
22	Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. <i>Science</i> , 2017, 358, 659-662.	6.0	263
23	Consistent Individual Differences Drive Collective Behavior and Group Functioning of Schooling Fish. <i>Current Biology</i> , 2017, 27, 2862-2868.e7.	1.8	259
24	Predicting Global Patterns in Mangrove Forest Biomass. <i>Conservation Letters</i> , 2014, 7, 233-240.	2.8	250
25	Social Feedback and the Emergence of Leaders and Followers. <i>Current Biology</i> , 2009, 19, 248-252.	1.8	248
26	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014, 46, 88-92.	9.4	227
27	Filial cannibalism in teleost fish. <i>Biological Reviews</i> , 2002, 77, 261-277.	4.7	218
28	Business-to-business adoption of eCommerce in China. <i>Information and Management</i> , 2007, 44, 332-351.	3.6	217
29	Going the distance: human population genetics in a clinal world. <i>Trends in Genetics</i> , 2007, 23, 432-439.	2.9	213
30	Effect of ancient population structure on the degree of polymorphism shared between modern human populations and ancient hominins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13956-13960.	3.3	207
31	Reconstructing the origin and spread of horse domestication in the Eurasian steppe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8202-8206.	3.3	180
32	Evolution of personality differences in leadership. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8373-8378.	3.3	163
33	Late Pleistocene climate change and the global expansion of anatomically modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16089-16094.	3.3	157
34	Ancient goat genomes reveal mosaic domestication in the Fertile Crescent. <i>Science</i> , 2018, 361, 85-88.	6.0	149
35	Calibrating conservation: new tools for measuring success. <i>Conservation Letters</i> , 2008, 1, 155-164.	2.8	147
36	The Neolithic Transition in the Baltic Was Not Driven by Admixture with Early European Farmers. <i>Current Biology</i> , 2017, 27, 576-582.	1.8	147

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37	Why do birds migrate? A macroecological perspective. <i>Global Ecology and Biogeography</i> , 2015, 24, 664-674.	2.7	143
38	Ancient human parallel lineages within North America contributed to a coastal expansion. <i>Science</i> , 2018, 360, 1024-1027.	6.0	138
39	Referential gestures in fish collaborative hunting. <i>Nature Communications</i> , 2013, 4, 1765.	5.8	132
40	Stochastic and deterministic processes jointly structure tropical arthropod communities. <i>Ecology Letters</i> , 2009, 12, 277-284.	3.0	127
41	Horizontal versus Familial Transmission of <i>Helicobacter pylori</i> . <i>PLoS Pathogens</i> , 2008, 4, e1000180.	2.1	124
42	Distance from Africa, not climate, explains within-population phenotypic diversity in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 809-814.	1.2	124
43	Parallel adaptation of rabbit populations to myxoma virus. <i>Science</i> , 2019, 363, 1319-1326.	6.0	124
44	Geography is a better determinant of human genetic differentiation than ethnicity. <i>Human Genetics</i> , 2005, 118, 366-371.	1.8	122
45	<i>Plasmodium falciparum</i> Accompanied the Human Expansion out of Africa. <i>Current Biology</i> , 2010, 20, 1283-1289.	1.8	121
46	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. <i>American Journal of Human Genetics</i> , 2014, 95, 584-589.	2.6	119
47	Climate shaped the worldwide distribution of human mitochondrial DNA sequence variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3447-3455.	1.2	117
48	Determinants of reproductive success in dominant female meerkats. <i>Journal of Animal Ecology</i> , 2008, 77, 92-102.	1.3	116
49	Mapping Global Diversity Patterns for Migratory Birds. <i>PLoS ONE</i> , 2013, 8, e70907.	1.1	111
50	Protected Area Effectiveness in Reducing Conversion in a Rapidly Vanishing Ecosystem: The Brazilian Cerrado. <i>Conservation Letters</i> , 2014, 7, 216-223.	2.8	111
51	Reciprocity and conditional cooperation between great tit parents. <i>Behavioral Ecology</i> , 2014, 25, 216-222.	1.0	111
52	Paleogenomic Evidence for Multi-generational Mixing between Neolithic Farmers and Mesolithic Hunter-Gatherers in the Lower Danube Basin. <i>Current Biology</i> , 2017, 27, 1801-1810.e10.	1.8	110
53	Quantitative global analysis of the role of climate and people in explaining late Quaternary megafaunal extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4527-4531.	3.3	108
54	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. <i>Genome Biology</i> , 2016, 17, 211.	3.8	101

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55	Genome-wide data from two early Neolithic East Asian individuals dating to 7700 years ago. <i>Science Advances</i> , 2017, 3, e1601877.	4.7	100
56	Improved Calibration of the Human Mitochondrial Clock Using Ancient Genomes. <i>Molecular Biology and Evolution</i> , 2014, 31, 2780-2792.	3.5	99
57	Global Geometric Morphometric Analyses of the Human Pelvis Reveal Substantial Neutral Population History Effects, Even across Sexes. <i>PLoS ONE</i> , 2013, 8, e55909.	1.1	93
58	CRISPR-mediated targeted mRNA degradation in the archaeon <i>Sulfolobus solfataricus</i> . <i>Nucleic Acids Research</i> , 2014, 42, 5280-5288.	6.5	93
59	The relative role of drift and selection in shaping the human skull. <i>American Journal of Physical Anthropology</i> , 2010, 141, 76-82.	2.1	92
60	Environmental gradients predict the genetic population structure of a coral reef fish in the <sc>R</sc>ed <sc>S</sc>ea. <i>Molecular Ecology</i> , 2014, 23, 591-602.	2.0	91
61	Shifts in global bat diversity suggest a possible role of climate change in the emergence of SARS-CoV-1 and SARS-CoV-2. <i>Science of the Total Environment</i> , 2021, 767, 145413.	3.9	90
62	<i>In vivo</i> activity of CRISPR-mediated virus defence in a hyperthermophilic archaeon. <i>Molecular Microbiology</i> , 2011, 80, 481-491.	1.2	89
63	Distribution and Use of Income from Bushmeat in a Rural Village, Central Gabon. <i>Conservation Biology</i> , 2010, 24, 1510-1518.	2.4	86
64	Fast and accurate relatedness estimation from high-throughput sequencing data in the presence of inbreeding. <i>GigaScience</i> , 2019, 8, .	3.3	86
65	Personality counts: the effect of boldness on shoal choice in three-spined sticklebacks. <i>Animal Behaviour</i> , 2009, 77, 1501-1505.	0.8	85
66	Robustness despite uncertainty: regional climate data reveal the dominant role of humans in explaining global extinctions of Late Quaternary megafauna. <i>Ecography</i> , 2016, 39, 152-161.	2.1	84
67	Estimating economic losses to tourism in Africa from the illegal killing of elephants. <i>Nature Communications</i> , 2016, 7, 13379.	5.8	81
68	Fish choose appropriately when and with whom to collaborate. <i>Current Biology</i> , 2014, 24, R791-R793.	1.8	78
69	Bolder stickleback fish make faster decisions, but they are not less accurate. <i>Behavioral Ecology</i> , 2015, 26, 91-96.	1.0	78
70	Parental fish change their cannibalistic behaviour in response to the cost-to-benefit ratio of parental care. <i>Animal Behaviour</i> , 2004, 67, 1015-1021.	0.8	77
71	Sex-Differences and Temporal Consistency in Stickleback Fish Boldness. <i>PLoS ONE</i> , 2013, 8, e81116.	1.1	75
72	Korean Genome Project: 1094 Korean personal genomes with clinical information. <i>Science Advances</i> , 2020, 6, eaaz7835.	4.7	75

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73	Outcomes, not implementation, predict conservation success. <i>Oryx</i> , 2009, 43, 336.	0.5	74
74	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020, 29, 1596-1610.	2.0	70
75	The role of social attraction and its link with boldness in the collective movements of three-spined sticklebacks. <i>Animal Behaviour</i> , 2015, 99, 147-153.	0.8	67
76	European Domestic Horses Originated in Two Holocene Refugia. <i>PLoS ONE</i> , 2011, 6, e18194.	1.1	67
77	Unexpectedly broad target recognition of the CRISPR-mediated virus defence system in the archaeon <i>Sulfolobus solfataricus</i> . <i>Nucleic Acids Research</i> , 2013, 41, 10509-10517.	6.5	66
78	Parental Care Trade-offs and Life-History Relationships in Insects. <i>American Naturalist</i> , 2010, 176, 212-226.	1.0	65
79	Energy efficiency drives the global seasonal distribution of birds. <i>Nature Ecology and Evolution</i> , 2018, 2, 962-969.	3.4	65
80	Initiative, Personality and Leadership in Pairs of Foraging Fish. <i>PLoS ONE</i> , 2012, 7, e36606.	1.1	64
81	Unravelling the Genetic History of Negritos and Indigenous Populations of Southeast Asia. <i>Genome Biology and Evolution</i> , 2015, 7, 1206-1215.	1.1	63
82	Inferring Allele Frequency Trajectories from Ancient DNA Indicates That Selection on a Chicken Gene Coincided with Changes in Medieval Husbandry Practices. <i>Molecular Biology and Evolution</i> , 2017, 34, 1981-1990.	3.5	63
83	Human variation in the shape of the birth canal is significant and geographically structured. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181807.	1.2	62
84	The genetics of an early Neolithic pastoralist from the Zagros, Iran. <i>Scientific Reports</i> , 2016, 6, 31326.	1.6	61
85	The evolution of parental care in insects: A test of current hypotheses. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1255-1270.	1.1	60
86	Recent social conditions affect boldness repeatability in individual sticklebacks. <i>Animal Behaviour</i> , 2016, 112, 139-145.	0.8	60
87	Turn-taking in cooperative offspring care: by-product of individual provisioning behavior or active response rule?. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 162.	0.6	59
88	Repeatable group differences in the collective behaviour of stickleback shoals across ecological contexts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172629.	1.2	59
89	The interaction of neutral evolutionary processes with climatically-driven adaptive changes in the 3D shape of the human os coxae. <i>Journal of Human Evolution</i> , 2014, 73, 64-74.	1.3	58
90	An ethnically relevant consensus Korean reference genome is a step towards personal reference genomes. <i>Nature Communications</i> , 2016, 7, 13637.	5.8	58

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91	Filial cannibalism in an assassin bug. <i>Animal Behaviour</i> , 2003, 66, 205-210.	0.8	56
92	High-resolution terrestrial climate, bioclimate and vegetation for the last 120,000 years. <i>Scientific Data</i> , 2020, 7, 236.	2.4	56
93	Evidence for a depth refuge effect in artisanal coral reef fisheries. <i>Biological Conservation</i> , 2009, 142, 652-667.	1.9	55
94	“Hot standards” for the thermoacidophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2010, 14, 119-142.	0.9	55
95	Social and Ecological Change over a Decade in a Village Hunting System, Central Gabon. <i>Conservation Biology</i> , 2013, 27, 270-280.	2.4	54
96	Where the wild birds go: explaining the differences in migratory destinations across terrestrial bird species. <i>Ecography</i> , 2019, 42, 225-236.	2.1	52
97	Mismatches between conservation outcomes and management evaluation in protected areas: A case study in the Brazilian Cerrado. <i>Biological Conservation</i> , 2014, 173, 10-16.	1.9	51
98	Land-use strategies to balance livestock production, biodiversity conservation and carbon storage in Yucatán, Mexico. <i>Global Change Biology</i> , 2017, 23, 5260-5272.	4.2	50
99	Pairs of Fish Resolve Conflicts over Coordinated Movement by Taking Turns. <i>Current Biology</i> , 2010, 20, 156-160.	1.8	49
100	Aggression, segregation and stability in a dominance hierarchy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1337-1343.	1.2	49
101	Heterogeneous structure in mixed-species corvid flocks in flight. <i>Animal Behaviour</i> , 2013, 85, 743-750.	0.8	49
102	A Global Assessment of Amphibian Taxonomic Effort and Expertise. <i>BioScience</i> , 2010, 60, 798-806.	2.2	48
103	Capturing the Many Dimensions of Threat: Comment on Salafsky et al.. <i>Conservation Biology</i> , 2009, 23, 482-487.	2.4	47
104	A genomic Neolithic time transect of hunter-farmer admixture in central Poland. <i>Scientific Reports</i> , 2018, 8, 14879.	1.6	47
105	A western route of prehistoric human migration from Africa into the Iberian Peninsula. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182288.	1.2	47
106	Temperament and Hunger Interact to Determine the Emergence of Leaders in Pairs of Foraging Fish. <i>PLoS ONE</i> , 2012, 7, e43747.	1.1	46
107	The emergence of the rescue effect from explicit within- and between-patch dynamics in a metapopulation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133127.	1.2	45
108	Proximate drivers of spatial segregation in non-breeding albatrosses. <i>Scientific Reports</i> , 2016, 6, 29932.	1.6	45

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109	Infections on the move: how transient phases of host movement influence disease spread. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171807.	1.2	45
110	Removing reference bias and improving indel calling in ancient DNA data analysis by mapping to a sequence variation graph. <i>Genome Biology</i> , 2020, 21, 250.	3.8	44
111	Alternative strategies for a father with a small brood: mate, cannibalise or care. <i>Behavioral Ecology and Sociobiology</i> , 2002, 51, 319-323.	0.6	43
112	Boldness and Information Use in Three-spined Sticklebacks. <i>Ethology</i> , 2010, 116, 440-447.	0.5	42
113	The Evolution of Paternal Care with Overlapping Broods. <i>American Naturalist</i> , 2004, 164, 517-530.	1.0	41
114	The first whole genome and transcriptome of the cinereous vulture reveals adaptation in the gastric and immune defense systems and possible convergent evolution between the Old and New World vultures. <i>Genome Biology</i> , 2015, 16, 215.	3.8	41
115	Hollywood, Climate Change, and the Public. <i>Science</i> , 2004, 305, 1713b-1713b.	6.0	40
116	How accurate is the current picture of human genetic variation?. <i>Heredity</i> , 2009, 102, 120-126.	1.2	40
117	Climatic windows for human migration out of Africa in the past 300,000 years. <i>Nature Communications</i> , 2021, 12, 4889.	5.8	39
118	Relocating croplands could drastically reduce the environmental impacts of global food production. <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	39
119	Quantifying the benefits and costs of parental care in assassin bugs. <i>Ecological Entomology</i> , 2010, 35, 639-651.	1.1	38
120	The genome of the giant Nomura's jellyfish sheds light on the early evolution of active predation. <i>BMC Biology</i> , 2019, 17, 28.	1.7	38
121	Commercializing bycatch can push a fishery beyond economic extinction. <i>Conservation Letters</i> , 2010, 3, 277-285.	2.8	37
122	Estimating mobility using sparse data: Application to human genetic variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12213-12218.	3.3	37
123	When Should Communities and Conservationists Monitor Exploited Resources?. <i>Biodiversity and Conservation</i> , 2005, 14, 2795-2806.	1.2	36
124	Reducing over-reporting of deterministic co-occurrence patterns in biotic communities. <i>Ecological Modelling</i> , 2010, 221, 2237-2242.	1.2	36
125	Unavoidable limits on group size in a body size-based linear hierarchy. <i>Behavioral Ecology</i> , 2010, 21, 819-825.	1.0	36
126	Experimentally testing and assessing the predictive power of species assembly rules for tropical canopy ants. <i>Ecology Letters</i> , 2015, 18, 254-262.	3.0	35



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127	Intrasexual competition and mate choice in assassin bugs with uniparental male and female care. <i>Animal Behaviour</i> , 2005, 69, 275-281.	0.8	34
128	Inter-Order Interactions Between Flower-Visiting Insects: Foraging Bees Avoid Flowers Previously Visited by Hoverflies. <i>Journal of Insect Behavior</i> , 2005, 18, 51-57.	0.4	34
129	Keeping Bandits at Bay?. <i>Science</i> , 2006, 313, 612c-614c.	6.0	34
130	The Doubly Conditioned Frequency Spectrum Does Not Distinguish between Ancient Population Structure and Hybridization. <i>Molecular Biology and Evolution</i> , 2014, 31, 1618-1621.	3.5	34
131	An empirical evaluation of bias correction methods for palaeoclimate simulations. <i>Climate of the Past</i> , 2020, 16, 1493-1508.	1.3	34
132	Experience overrides personality differences in the tendency to follow but not in the tendency to lead. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131724.	1.2	33
133	Routine habitat switching alters the likelihood and persistence of infection with a pathogenic parasite. <i>Functional Ecology</i> , 2018, 32, 1262-1270.	1.7	32
134	Late Quaternary horses in Eurasia in the face of climate and vegetation change. <i>Science Advances</i> , 2018, 4, eaar5589.	4.7	32
135	The whale shark genome reveals how genomic and physiological properties scale with body size. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20662-20671.	3.3	32
136	The shadow of the future affects cooperation in a cleaner fish. <i>Current Biology</i> , 2010, 20, R472-R473.	1.8	31
137	Roving and Service Quality in the Cleaner Wrasse <i>Labroides bicolor</i> . <i>Ethology</i> , 2010, 116, 309-315.	0.5	31
138	The role of previous social experience on risk-taking and leadership in three-spined sticklebacks. <i>Behavioral Ecology</i> , 2014, 25, 1395-1401.	1.0	31
139	Highlighting nonlinear patterns in population genetics datasets. <i>Scientific Reports</i> , 2015, 5, 8140.	1.6	31
140	Surf and turf: predation by egg-eating snakes has led to the evolution of parental care in a terrestrial lizard. <i>Scientific Reports</i> , 2016, 6, 22207.	1.6	31
141	Whole genome sequence and analysis of the Marwari horse breed and its genetic origin. <i>BMC Genomics</i> , 2014, 15, S4.	1.2	30
142	Historical and projected future range sizes of the world's mammals, birds, and amphibians. <i>Nature Communications</i> , 2020, 11, 5633.	5.8	30
143	Effects of urbanization on bird migration. <i>Biological Conservation</i> , 2020, 244, 108423.	1.9	29
144	Climate shaped how Neolithic farmers and European hunter-gatherers interacted after a major slowdown from 6,100 bce to 4,500 bce. <i>Nature Human Behaviour</i> , 2020, 4, 1004-1010.	6.2	29

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145	Genome-scale target capture of mitochondrial and nuclear environmental DNA from water samples. <i>Molecular Ecology Resources</i> , 2021, 21, 690-702.	2.2	29
146	Antisense regulation by transposon-derived RNAs in the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>EMBO Reports</i> , 2013, 14, 527-533.	2.0	28
147	Flexibility in foraging strategies of Brown Skuas in response to local and seasonal dietary constraints. <i>Journal of Ornithology</i> , 2015, 156, 625-633.	0.5	28
148	Larval swimming capacities affect genetic differentiation and range size in demersal marine fishes. <i>Marine Ecology - Progress Series</i> , 2018, 589, 1-12.	0.9	28
149	Environmental conditions are poor predictors of immature white shark <i>Carcharodon carcharias</i> occurrences on coastal beaches of eastern Australia. <i>Marine Ecology - Progress Series</i> , 2020, 653, 167-179.	0.9	28
150	Impacts of the live reef fish trade on populations of coral reef fish off northern Borneo. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 989-994.	1.2	27
151	Shoaling preferences in decapod crustacea. <i>Animal Behaviour</i> , 2007, 74, 1691-1696.	0.8	26
152	Signatures of historical demography and pathogen richness on MHC class I genes. <i>Immunogenetics</i> , 2012, 64, 165-175.	1.2	26
153	SulfoSYS (Sulfolobus Systems Biology): towards a silicon cell model for the central carbohydrate metabolism of the archaeon <i>Sulfolobus solfataricus</i> under temperature variation. <i>Biochemical Society Transactions</i> , 2009, 37, 58-64.	1.6	25
154	Consistency in migration strategies and habitat preferences of brown skuas over two winters, a decade apart. <i>Marine Ecology - Progress Series</i> , 2016, 553, 267-281.	0.9	25
155	Escaping the oligotrophic gyre? The year-round movements, foraging behaviour and habitat preferences of Murphy's petrels. <i>Marine Ecology - Progress Series</i> , 2017, 579, 139-155.	0.9	25
156	Response of an Afro-Palearctic bird migrant to glaciation cycles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
157	Who directs group movement? Leader effort versus follower preference in stickleback fish of different personality. <i>Biology Letters</i> , 2016, 12, 20160207.	1.0	24
158	Age-related variation in non-breeding foraging behaviour and carry-over effects on fitness in an extremely long-lived bird. <i>Functional Ecology</i> , 2018, 32, 1832-1846.	1.7	24
159	Food intake rates of inactive fish are positively linked to boldness in three-spined sticklebacks <i>Gasterosteus aculeatus</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1661-1668.	0.7	23
160	Carnivore abundance near motorways related to prey and roadkills. <i>Journal of Wildlife Management</i> , 2018, 82, 319-327.	0.7	23
161	The effects of castration, sex ratio and population density on social segregation and habitat use in Soay sheep. <i>Behavioral Ecology and Sociobiology</i> , 2006, 59, 694-703.	0.6	22
162	Foraging behaviour and habitat use by brown skuas <i>Stercorarius lonnbergi</i> breeding at South Georgia. <i>Marine Biology</i> , 2014, 161, 1755-1764.	0.7	22

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163	Microplastic ingestion rates are phenotype-dependent in juvenile anemonefish. <i>Environmental Pollution</i> , 2020, 259, 113855.	3.7	22
164	Processâ€explicit models reveal pathway to extinction for woolly mammoth using patternâ€oriented validation. <i>Ecology Letters</i> , 2022, 25, 125-137.	3.0	22
165	CRISPR-mediated defense mechanisms in the hyperthermophilic archaeal genus <i>Sulfolobus</i> . <i>RNA Biology</i> , 2013, 10, 671-678.	1.5	21
166	Different environmental variables predict body and brain size evolution in Homo. <i>Nature Communications</i> , 2021, 12, 4116.	5.8	21
167	A statistics-based reconstruction of high-resolution global terrestrial climate for the last 800,000 years. <i>Scientific Data</i> , 2021, 8, 228.	2.4	21
168	The effect of brood size and age on partial filial cannibalism in the scissortail sergeant. <i>Journal of Fish Biology</i> , 2003, 63, 37-47.	0.7	20
169	Simulation-based reconstruction of global bird migration over the past 50,000 years. <i>Nature Communications</i> , 2020, 11, 801.	5.8	20
170	Effects of age on foraging behavior in two closely related albatross species. <i>Movement Ecology</i> , 2020, 8, 7.	1.3	20
171	African and Asian leopards are highly differentiated at the genomic level. <i>Current Biology</i> , 2021, 31, 1872-1882.e5.	1.8	20
172	The Heptameric SmAP1 and SmAP2 Proteins of the Crenarchaeon <i>Sulfolobus Solfataricus</i> Bind to Common and Distinct RNA Targets. <i>Life</i> , 2015, 5, 1264-1281.	1.1	19
173	Environmental drivers of movement in a threatened seabird: insights from a mechanistic model and implications for conservation. <i>Diversity and Distributions</i> , 2020, 26, 1315-1329.	1.9	19
174	Adaptive preferential selection of female coccinellid hosts by the parasitoid wasp <i>Dinocampus coccinellae</i> (Hymenoptera: Braconidae). <i>European Journal of Entomology</i> , 2006, 103, 41-45.	1.2	19
175	Methods for detecting and quantifying individual specialisation in movement and foraging strategies of marine predators. <i>Marine Ecology - Progress Series</i> , 2017, 578, 151-166.	0.9	19
176	Genome-wide characterisation of Hepatitis B mutations involved in clinical outcome. <i>Heredity</i> , 2006, 97, 389-397.	1.2	18
177	Chromosome-scale assembly comparison of the Korean Reference Genome KOREF from PromethION and PacBio with Hi-C mapping information. <i>GigaScience</i> , 2019, 8, .	3.3	18
178	Morphological and fluorescence analysis of the <i>Montastraea annularis</i> species complex in Florida. <i>Marine Biology</i> , 2000, 137, 899-906.	0.7	17
179	Autosomal genetic diversity in nonâ€breed horses from eastern Eurasia provides insights into historical population movements. <i>Animal Genetics</i> , 2013, 44, 53-61.	0.6	17
180	Global genetic positioning: Evidence for early human population centers in coastal habitats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 820-824.	3.3	16

#	ARTICLE	IF	CITATIONS
181	Whole genome sequencing of an ethnic Pathan (Pakhtun) from the north-west of Pakistan. BMC Genomics, 2015, 16, 172.	1.2	16
182	Evidence for conditional cooperation: a response to Schlicht et al.. Behavioral Ecology, 2016, 27, e6-e7.	1.0	16
183	A spatiotemporally explicit paleoenvironmental framework for the Middle Stone Age of eastern Africa. Scientific Reports, 2022, 12, 3689.	1.6	15
184	A role for partially protected areas on coral reefs: maintaining fish diversity?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2011, 21, 231-238.	0.9	14
185	Ancient trade routes shaped the genetic structure of horses in eastern Eurasia. Molecular Ecology, 2013, 22, 5340-5351.	2.0	14
186	Quantifying individual specialization using tracking data: a case study on two species of albatrosses. Marine Biology, 2018, 165, 152.	0.7	14
187	Rhythms of activity and foraging in the intertidal insect <i>Anurida maritima</i> : coping with the tide. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 189-190.	0.4	13
188	Female scissortail sergeants (Pisces: Pomacentridae) use test eggs to choose good fathers. Animal Behaviour, 2010, 79, 237-242.	0.8	13
189	Predation drives recurrent convergence of an interspecies mutualism. Ecology Letters, 2019, 22, 256-264.	3.0	13
190	<i>Helicobacter pylori</i> 's historical journey through Siberia and the Americas. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
191	The overlooked complexity of avian brood parasite-host relationships. Ecology Letters, 2022, 25, 1889-1904.	3.0	13
192	Benefits and Costs of Dominance in the Angelfish <i>Centropyge bicolor</i> . Ethology, 2010, 116, 855-865.	0.5	12
193	Relationship between roving behaviour and the diet and client composition of the cleaner fish <i>Labroides bicolor</i> . Journal of Fish Biology, 2012, 81, 210-219.	0.7	12
194	Regional TMPRSS2 V197M Allele Frequencies Are Correlated with COVID-19 Case Fatality Rates. Molecules and Cells, 2021, 44, 680-687.	1.0	12
195	Raptor genomes reveal evolutionary signatures of predatory and nocturnal lifestyles. Genome Biology, 2019, 20, 181.	3.8	11
196	Treatment-level impacts of microplastic exposure may be confounded by variation in individual-level responses in juvenile fish. Journal of Hazardous Materials, 2021, 416, 126059.	6.5	11
197	An aggregation pheromone in the intertidal collembolan <i>Anurida maritima</i> . Entomologia Experimentalis Et Applicata, 2001, 99, 393-395.	0.7	10
198	Improving assessments of data-limited populations using life-history theory. Journal of Applied Ecology, 2021, 58, 1225-1236.	1.9	10

#	ARTICLE	IF	CITATIONS
199	Bayesian Skyline Plots disagree with range size changes based on Species Distribution Models for Holarctic birds. <i>Molecular Ecology</i> , 2021, 30, 3993-4004.	2.0	10
200	Brood conspicuousness and clutch viability in male-caring assassin bugs ( <i>Rhinocoris tristis</i> ). <i>Ecological Entomology</i> , 2009, 34, 176-182.	1.1	9
201	Domestication via the commensal pathway in a fish-invertebrate mutualism. <i>Nature Communications</i> , 2020, 11, 6253.	5.8	9
202	Diving behaviour of albatrosses: implications for foraging ecology and bycatch susceptibility. <i>Marine Biology</i> , 2021, 168, 1.	0.7	9
203	Human origins in Southern African palaeo-wetlands? Strong claims from weak evidence. <i>Journal of Archaeological Science</i> , 2021, 130, 105374.	1.2	9
204	Ontogeny of movement patterns and habitat selection in juvenile albatrosses. <i>Oikos</i> , 2022, 2022, .	1.2	9
205	Population interconnectivity over the past 120,000 years explains distribution and diversity of Central African hunter-gatherers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113936119.	3.3	9
206	The optimal balance of defence investment strategies in clonal colonies of social aphids. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 803-814.	0.6	8
207	Long-term changes in population size, distribution and productivity of skuas ( <i>Stercorarius</i> spp.) at Signy Island, South Orkney Islands. <i>Polar Biology</i> , 2016, 39, 617-625.	0.5	8
208	When males live longer: Resource-driven territorial behavior drives sex-specific survival in snakes. <i>Science Advances</i> , 2019, 5, eaar5478.	4.7	8
209	Metacommunity analyses show an increase in ecological specialisation throughout the Ediacaran period. <i>PLoS Biology</i> , 2022, 20, e3001289.	2.6	8
210	Diurnal versus nocturnal pollination of <i>Brunsvigia gregaria</i> R.A. Dyer (Amaryllidaceae) at a coastal site. <i>South African Journal of Botany</i> , 2006, 72, 291-294.	1.2	7
211	Detecting and Removing Ascertainment Bias in Microsatellites from the HGDP-CEPH Panel. <i>G3: Genes, Genomes, Genetics</i> , 2011, 1, 479-488.	0.8	7
212	Global demographic history of human populations inferred from whole mitochondrial genomes. <i>Royal Society Open Science</i> , 2018, 5, 180543.	1.1	7
213	The role of tactile interactions in flight responses in the Bronze Cory catfish ( <i>Corydoras</i> ) Tj ETQq1 1 0.784314 rgBT /Overlap 10 T 5	0.5	7
214	Did Going North Give Us Migraine? An Evolutionary Approach on Understanding Latitudinal Differences in Migraine Epidemiology. <i>Headache</i> , 2019, 59, 632-634.	1.8	7
215	Tracking juveniles confirms fisheries-bycatch hotspot for an endangered albatross. <i>Biological Conservation</i> , 2021, 261, 109288.	1.9	7
216	Significant reductions of host abundance weakly impact infection intensity of <i>Batrachochytrium dendrobatidis</i> . <i>PLoS ONE</i> , 2020, 15, e0242913.	1.1	7

#	ARTICLE	IF	CITATIONS
217	Quantifying the costs and benefits of protective egg coating in a Chrysomelid beetle. <i>Ecological Entomology</i> , 2008, 33, 484-487.	1.1	6
218	Leadership, personality and social feedback. <i>Communicative and Integrative Biology</i> , 2009, 2, 335-336.	0.6	6
219	An earlier revolution: genetic and genomic analyses reveal pre-existing cultural differences leading to Neolithization. <i>Scientific Reports</i> , 2017, 7, 3525.	1.6	6
220	Exploring intraspecific variation in migratory destinations to investigate the drivers of migration. <i>Oikos</i> , 2021, 130, 187-196.	1.2	6
221	Welfare Genome Project: A Participatory Korean Personal Genome Project With Free Health Check-Up and Genetic Report Followed by Counseling. <i>Frontiers in Genetics</i> , 2021, 12, 633731.	1.1	6
222	Archaeological sites and palaeoenvironments of Pleistocene West Africa. <i>Journal of Maps</i> , 2022, 18, 630-637.	1.0	6
223	Orientation in the intertidal salt-marsh collembolan <i>Anurida maritima</i> . <i>Behavioral Ecology and Sociobiology</i> , 2000, 47, 371-375.	0.6	5
224	The basis of cowardice in social defenders. <i>Ecological Modelling</i> , 2006, 196, 275-282.	1.2	4
225	Coping with strangers: how familiarity and active interactions shape group coordination in <i>Corydoras aeneus</i> . <i>Royal Society Open Science</i> , 2019, 6, 190587.	1.1	4
226	Picky predators and odd prey: colour and size matter in predator choice and zebrafish's vulnerability – a refinement of the oddity effect. <i>Ethology Ecology and Evolution</i> , 2020, 32, 135-147.	0.6	4
227	Decoding a highly mixed Kazakh genome. <i>Human Genetics</i> , 2020, 139, 557-568.	1.8	4
228	Adaptive Trade-offs Towards the Last Glacial Maximum in North-Western Europe: a Multidisciplinary View from Walou Cave. <i>Journal of Paleolithic Archaeology</i> , 2021, 4, 1.	0.7	4
229	Inability of the most commonly used forensic genetic markers to distinguish between samples belonging to different ethnicities of Pakistan with diverse genetic background. <i>Forensic Science International: Genetics</i> , 2016, 22, e7-e8.	1.6	3
230	How Levins's dynamics emerges from a Ricker metapopulation model. <i>Theoretical Ecology</i> , 2016, 9, 173-183.	0.4	3
231	Empirical phylogenies and species abundance distributions are consistent with preequilibrium dynamics of neutral community models with gene flow. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1149-1163.	1.1	3
232	Environmental conditions do not predict diversification rates in the Bantu languages. <i>Heliyon</i> , 2019, 5, e02630.	1.4	3
233	Alpine Newts ( <i>Ichthyosaura alpestris</i> ) Avoid Habitats Previously Used by Parasite-Exposed Conspecifics. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	3
234	Movements and diving behaviour of white-chinned petrels: Diurnal variation and implications for bycatch mitigation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1715-1729.	0.9	3

#	ARTICLE	IF	CITATIONS
235	Global and country-level data of the biodiversity footprints of 175 crops and pasture. Data in Brief, 2021, 36, 106982.	0.5	3
236	A curated dataset of modern and ancient high-coverage shotgun human genomes. Scientific Data, 2021, 8, 202.	2.4	3
237	Range Sizes of the World's Mammals, Birds, and Amphibians from the Mid-Holocene to the Industrial Period. Animals, 2021, 11, 3561.	1.0	3
238	Effect of the Presence of Subordinates on Dominant Female Behaviour and Fitness in Hierarchies of the Dwarf Angelfish <i>Centropyge bicolor</i> . Ethology, 2011, 117, 1111-1119.	0.5	2
239	Bias in null model analyses of species co-occurrence: A response to Gotelli and Ulrich (2011). Ecological Modelling, 2011, 222, 1340-1341.	1.2	2
240	The development of tactile social interactions in <i>Corydoras aeneus</i> larvae. Behaviour, 2020, 157, 515-539.	0.4	2
241	California swordfish fishery: Maximizing the catch rate of a target species simultaneously minimizes bycatch rates. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7172-7173.	3.3	1
242	mtDNAcombine: tools to combine sequences from multiple studies. BMC Bioinformatics, 2021, 22, 115.	1.2	1
243	Major population splits coincide with episodes of rapid climate change in a forest-dependent bird. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211066.	1.2	1
244	400 Hepatitis B virus mutations involved in clinical outcome. Journal of Hepatology, 2006, 44, S151.	1.8	0
245	Reply to Lima-Ribeiro et al.: Human arrival scenarios have little influence on interpretations of late Quaternary extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2411-E2411.	3.3	0
246	Reply to Forster et al.: Quantifying demic movement and local recruitment in the spread of horse domestication. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3149-E3149.	3.3	0
247	Current Approaches in Spatial Genetics. , 2013, , 217-229.		0
248	Genetic demography: What does it mean and how to interpret it, with a case study on the Neolithic transition. Words, Bones, Genes, Tools, 2021, , 91-100.	0.0	0
249	Familiarity, personality, and foraging performance in three-spined sticklebacks. Behavioural Processes, 2022, 200, 104699.	0.5	0