

Andrea Manica

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

256
papers

14,799
citations

64
h-index

115
g-index

285
ext. papers

18,276
ext. citations

8.2
avg, IF

6.71
L-index

#	Paper	IF	Citations
256	An African origin for the intimate association between humans and <i>Helicobacter pylori</i> . <i>Nature</i> , 2007 , 445, 915-918	50.4	678
255	An Aboriginal Australian genome reveals separate human dispersals into Asia. <i>Science</i> , 2011 , 334, 94-8	33.3	528
254	Effects of sampling regime on the mean and variance of home range size estimates. <i>Journal of Animal Ecology</i> , 2006 , 75, 1393-405	4.7	496
253	Genome-wide evidence for speciation with gene flow in <i>Heliconius</i> butterflies. <i>Genome Research</i> , 2013 , 23, 1817-28	9.7	420
252	Pathogen-driven selection and worldwide HLA class I diversity. <i>Current Biology</i> , 2005 , 15, 1022-7	6.3	361
251	The genome of a Late Pleistocene human from a Clovis burial site in western Montana. <i>Nature</i> , 2014 , 506, 225-9	50.4	357
250	Walk on the wild side: estimating the global magnitude of visits to protected areas. <i>PLoS Biology</i> , 2015 , 13, e1002074	9.7	339
249	POPULATION GENETICS. Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015 , 349, aab3884	33.3	317
248	A global perspective on trends in nature-based tourism. <i>PLoS Biology</i> , 2009 , 7, e1000144	9.7	317
247	A geographically explicit genetic model of worldwide human-settlement history. <i>American Journal of Human Genetics</i> , 2006 , 79, 230-7	11	288
246	Geography predicts neutral genetic diversity of human populations. <i>Current Biology</i> , 2005 , 15, R159-60	6.3	286
245	A genomic history of Aboriginal Australia. <i>Nature</i> , 2016 , 538, 207-214	50.4	268
244	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. <i>Genome Research</i> , 2015 , 25, 459-66	9.7	235
243	Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016 , 538, 238-242	50.4	234
242	The effect of ancient population bottlenecks on human phenotypic variation. <i>Nature</i> , 2007 , 448, 346-8	50.4	233
241	Paleogenomics. Genomic structure in Europeans dating back at least 36,200 years. <i>Science</i> , 2014 , 346, 1113-8	33.3	232
240	Upper Palaeolithic genomes reveal deep roots of modern Eurasians. <i>Nature Communications</i> , 2015 , 6, 8912	17.4	229

239	Social feedback and the emergence of leaders and followers. <i>Current Biology</i> , 2009 , 19, 248-52	6.3	216
238	Ancient Ethiopian genome reveals extensive Eurasian admixture throughout the African continent. <i>Science</i> , 2015 , 350, 820-2	33.3	213
237	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	10.9	200
236	Predicting Global Patterns in Mangrove Forest Biomass. <i>Conservation Letters</i> , 2014 , 7, 233-240	6.9	190
235	Minke whale genome and aquatic adaptation in cetaceans. <i>Nature Genetics</i> , 2014 , 46, 88-92	36.3	186
234	Filial cannibalism in teleost fish. <i>Biological Reviews</i> , 2002 , 77, 261-77	13.5	185
233	Going the distance: human population genetics in a clinal world. <i>Trends in Genetics</i> , 2007 , 23, 432-9	8.5	182
232	Consistent Individual Differences Drive Collective Behavior and Group Functioning of Schooling Fish. <i>Current Biology</i> , 2017 , 27, 2862-2868.e7	6.3	176
231	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, 13956-60	11.5	163
230	Business-to-business adoption of eCommerce in China. <i>Information and Management</i> , 2007 , 44, 332-351	6.6	162
229	Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. <i>Science</i> , 2017 , 358, 659-662	33.3	160
228	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	11.5	148
227	The configuration of Northern Hemisphere ice sheets through the Quaternary. <i>Nature Communications</i> , 2019 , 10, 3713	17.4	145
226	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, 8202-6	11.5	144
225	Evolution of personality differences in leadership. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 8373-8	11.5	141
224	Calibrating conservation: new tools for measuring success. <i>Conservation Letters</i> , 2008 , 1, 155-164	6.9	124
223	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, 16089-94	11.5	121
222	Horizontal versus familial transmission of <i>Helicobacter pylori</i> . <i>PLoS Pathogens</i> , 2008 , 4, e1000180	7.6	110

221	Stochastic and deterministic processes jointly structure tropical arthropod communities. <i>Ecology Letters</i> , 2009 , 12, 277-84	10	107
220	The Neolithic Transition in the Baltic Was Not Driven by Admixture with Early European Farmers. <i>Current Biology</i> , 2017 , 27, 576-582	6.3	106
219	Plasmodium falciparum accompanied the human expansion out of Africa. <i>Current Biology</i> , 2010 , 20, 1283-9	6.3	103
218	Geography is a better determinant of human genetic differentiation than ethnicity. <i>Human Genetics</i> , 2005 , 118, 366-71	6.3	102
217	Distance from Africa, not climate, explains within-population phenotypic diversity in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 809-14	4.4	100
216	Determinants of reproductive success in dominant female meerkats. <i>Journal of Animal Ecology</i> , 2008 , 77, 92-102	4.7	97
215	Climate shaped the worldwide distribution of human mitochondrial DNA sequence variation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 3447-55	4.4	93
214	Protected Area Effectiveness in Reducing Conversion in a Rapidly Vanishing Ecosystem: The Brazilian Cerrado. <i>Conservation Letters</i> , 2014 , 7, 216-223	6.9	91
213	Referential gestures in fish collaborative hunting. <i>Nature Communications</i> , 2013 , 4, 1765	17.4	89
212	Why do birds migrate? A macroecological perspective. <i>Global Ecology and Biogeography</i> , 2015 , 24, 664-674	11.5	87
211	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. <i>American Journal of Human Genetics</i> , 2014 , 95, 584-589	11	86
210	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, 4527-31	11.5	86
209	Ancient goat genomes reveal mosaic domestication in the Fertile Crescent. <i>Science</i> , 2018 , 361, 85-88	33.3	84
208	In vivo activity of CRISPR-mediated virus defence in a hyperthermophilic archaeon. <i>Molecular Microbiology</i> , 2011 , 80, 481-91	4.1	83
207	CRISPR-mediated targeted mRNA degradation in the archaeon <i>Sulfolobus solfataricus</i> . <i>Nucleic Acids Research</i> , 2014 , 42, 5280-8	20.1	81
206	Correction for Warmuth et al., Reply to Forster et al.: Quantifying demic movement and local recruitment in the spread of horse domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E978.2-E978	11.5	78
205	Reply to Lima-Ribeiro et al.: Human arrival scenarios have little influence on interpretations of late Quaternary extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2411-E2411	11.5	78
204	Reply to Forster et al.: Quantifying demic movement and local recruitment in the spread of horse domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E3149-E3149	11.5	78

203	Ancient human parallel lineages within North America contributed to a coastal expansion. <i>Science</i> , 2018 , 360, 1024-1027	33.3	75
202	Environmental gradients predict the genetic population structure of a coral reef fish in the Red Sea. <i>Molecular Ecology</i> , 2014 , 23, 591-602	5.7	73
201	Personality counts: the effect of boldness on shoal choice in three-spined sticklebacks. <i>Animal Behaviour</i> , 2009 , 77, 1501-1505	2.8	73
200	Mapping global diversity patterns for migratory birds. <i>PLoS ONE</i> , 2013 , 8, e70907	3.7	72
199	Genome-wide data from two early Neolithic East Asian individuals dating to 7700 years ago. <i>Science Advances</i> , 2017 , 3, e1601877	14.3	71
198	Reciprocity and conditional cooperation between great tit parents. <i>Behavioral Ecology</i> , 2014 , 25, 216-222.	3	69
197	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	6.3	68
196	Fish choose appropriately when and with whom to collaborate. <i>Current Biology</i> , 2014 , 24, R791-3	6.3	67
195	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	6.5	66
194	Parallel adaptation of rabbit populations to myxoma virus. <i>Science</i> , 2019 , 363, 1319-1326	33.3	66
193	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	2.8	65
192	Bolder stickleback fish make faster decisions, but they are not less accurate. <i>Behavioral Ecology</i> , 2015 , 26, 91-96	2.3	64
191	The relative role of drift and selection in shaping the human skull. <i>American Journal of Physical Anthropology</i> , 2010 , 141, 76-82	2.5	64
190	Comparison of carnivore, omnivore, and herbivore mammalian genomes with a new leopard assembly. <i>Genome Biology</i> , 2016 , 17, 211	18.3	61
189	Improved calibration of the human mitochondrial clock using ancient genomes. <i>Molecular Biology and Evolution</i> , 2014 , 31, 2780-92	8.3	61
188	Global geometric morphometric analyses of the human pelvis reveal substantial neutral population history effects, even across sexes. <i>PLoS ONE</i> , 2013 , 8, e55909	3.7	61
187	Outcomes, not implementation, predict conservation success. <i>Oryx</i> , 2009 , 43, 336	1.5	60
186	Estimating economic losses to tourism in Africa from the illegal killing of elephants. <i>Nature Communications</i> , 2016 , 7, 13379	17.4	58

185	Sex-differences and temporal consistency in stickleback fish boldness. <i>PLoS ONE</i> , 2013 , 8, e81116	3.7	58
184	Parental care trade-offs and life-history relationships in insects. <i>American Naturalist</i> , 2010 , 176, 212-26	3.7	55
183	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	2.8	53
182	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, 10509-17	20.1	51
181	European domestic horses originated in two holocene refugia. <i>PLoS ONE</i> , 2011 , 6, e18194	3.7	51
180	Initiative, personality and leadership in pairs of foraging fish. <i>PLoS ONE</i> , 2012 , 7, e36606	3.7	50
179	Filial cannibalism in an assassin bug. <i>Animal Behaviour</i> , 2003 , 66, 205-210	2.8	50
178	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	10.2	48
177	The evolution of parental care in insects: A test of current hypotheses. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 1255-70	3.8	46
176	"Hot standards" for the thermoacidophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2010 , 14, 119-42	3	46
175	Energy efficiency drives the global seasonal distribution of birds. <i>Nature Ecology and Evolution</i> , 2018 , 2, 962-969	12.3	45
174	Distribution and use of income from bushmeat in a rural village, central Gabon. <i>Conservation Biology</i> , 2010 , 24, 1510-8	6	45
173	Evidence for a depth refuge effect in artisanal coral reef fisheries. <i>Biological Conservation</i> , 2009 , 142, 652-667	6.2	45
172	Unravelling the genetic history of Negritos and indigenous populations of Southeast Asia. <i>Genome Biology and Evolution</i> , 2015 , 7, 1206-15	3.9	44
171	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,	4.4	41
170	Aggression, segregation and stability in a dominance hierarchy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 1337-43	4.4	41
169	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	3.1	40
168	Heterogeneous structure in mixed-species corvid flocks in flight. <i>Animal Behaviour</i> , 2013 , 85, 743-750	2.8	40

167	Recent social conditions affect boldness repeatability in individual sticklebacks. <i>Animal Behaviour</i> , 2016 , 112, 139-145	2.8	39
166	Social and ecological change over a decade in a village hunting system, central Gabon. <i>Conservation Biology</i> , 2013 , 27, 270-80	6	39
165	Pairs of fish resolve conflicts over coordinated movement by taking turns. <i>Current Biology</i> , 2010 , 20, 156-60	6.3	39
164	An ethnically relevant consensus Korean reference genome is a step towards personal reference genomes. <i>Nature Communications</i> , 2016 , 7, 13637	17.4	38
163	The genetics of an early Neolithic pastoralist from the Zagros, Iran. <i>Scientific Reports</i> , 2016 , 6, 31326	4.9	38
162	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	4.4	38
161	Alternative strategies for a father with a small brood: mate, cannibalise or care. <i>Behavioral Ecology and Sociobiology</i> , 2002 , 51, 319-323	2.5	38
160	The evolution of paternal care with overlapping broods. <i>American Naturalist</i> , 2004 , 164, 517-30	3.7	37
159	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	6.2	36
158	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,	4.4	36
157	Temperament and hunger interact to determine the emergence of leaders in pairs of foraging fish. <i>PLoS ONE</i> , 2012 , 7, e43747	3.7	35
156	Capturing the many dimensions of threat: comment on Salafsky et al. <i>Conservation Biology</i> , 2009 , 23, 482-7; discussion 488-93	6	35
155	When Should Communities and Conservationists Monitor Exploited Resources?. <i>Biodiversity and Conservation</i> , 2005 , 14, 2795-2806	3.4	35
154	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	8.3	34
153	Land-use strategies to balance livestock production, biodiversity conservation and carbon storage in Yucatán, Mexico. <i>Global Change Biology</i> , 2017 , 23, 5260-5272	11.4	34
152	Boldness and Information Use in Three-Spined Sticklebacks. <i>Ethology</i> , 2010 , 116, 440-447	1.7	34
151	How accurate is the current picture of human genetic variation?. <i>Heredity</i> , 2009 , 102, 120-6	3.6	34
150	Proximate drivers of spatial segregation in non-breeding albatrosses. <i>Scientific Reports</i> , 2016 , 6, 29932	4.9	34

149	Intrasexual competition and mate choice in assassin bugs with uniparental male and female care. <i>Animal Behaviour</i> , 2005 , 69, 275-281	2.8	33
148	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020 , 29, 1596-1610	5.7	33
147	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	18.3	32
146	Reducing over-reporting of deterministic co-occurrence patterns in biotic communities. <i>Ecological Modelling</i> , 2010 , 221, 2237-2242	3	32
145	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,	4.4	31
144	Experimentally testing and assessing the predictive power of species assembly rules for tropical canopy ants. <i>Ecology Letters</i> , 2015 , 18, 254-62	10	31
143	Keeping bandits at bay?. <i>Science</i> , 2006 , 313, 612-4; author reply 612-4	33.3	31
142	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	4.4	30
141	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	1.1	30
140	Fast and accurate relatedness estimation from high-throughput sequencing data in the presence of inbreeding. <i>GigaScience</i> , 2019 , 8,	7.6	29
139	Where the wild birds go: explaining the differences in migratory destinations across terrestrial bird species. <i>Ecography</i> , 2019 , 42, 225-236	6.5	29
138	A genomic Neolithic time transect of hunter-farmer admixture in central Poland. <i>Scientific Reports</i> , 2018 , 8, 14879	4.9	29
137	Roving and Service Quality in the Cleaner Wrasse <i>Labroides bicolor</i> . <i>Ethology</i> , 2010 , 116, 309-315	1.7	28
136	Quantifying the benefits and costs of parental care in assassin bugs. <i>Ecological Entomology</i> , 2010 , 35, 639-651	2.1	28
135	A Global Assessment of Amphibian Taxonomic Effort and Expertise. <i>BioScience</i> , 2010 , 60, 798-806	5.7	28
134	Unavoidable limits on group size in a body size-based linear hierarchy. <i>Behavioral Ecology</i> , 2010 , 21, 819-825		27
133	The role of previous social experience on risk-taking and leadership in three-spined sticklebacks. <i>Behavioral Ecology</i> , 2014 , 25, 1395-1401	2.3	26
132	The shadow of the future affects cooperation in a cleaner fish. <i>Current Biology</i> , 2010 , 20, R472-3	6.3	26

131	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	2.5	25
130	The doubly conditioned frequency spectrum does not distinguish between ancient population structure and hybridization. <i>Molecular Biology and Evolution</i> , 2014 , 31, 1618-21	8.3	25
129	Commercializing bycatch can push a fishery beyond economic extinction. <i>Conservation Letters</i> , 2010 , 3, 277-285	6.9	25
128	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	5.1	25
127	Routine habitat switching alters the likelihood and persistence of infection with a pathogenic parasite. <i>Functional Ecology</i> , 2018 , 32, 1262-1270	5.6	24
126	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	4.9	24
125	Shoaling preferences in decapod crustacea. <i>Animal Behaviour</i> , 2007 , 74, 1691-1696	2.8	24
124	Korean Genome Project: 1094 Korean personal genomes with clinical information. <i>Science Advances</i> , 2020 , 6, eaaz7835	14.3	23
123	Signatures of historical demography and pathogen richness on MHC class I genes. <i>Immunogenetics</i> , 2012 , 64, 165-75	3.2	23
122	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, 989-94	4.4	23
121	Hollywood, climate change, and the public. <i>Science</i> , 2004 , 305, 1713	33.3	23
120	Larval swimming capacities affect genetic differentiation and range size in demersal marine fishes. <i>Marine Ecology - Progress Series</i> , 2018 , 589, 1-12	2.6	23
119	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	11.5	22
118	High-resolution terrestrial climate, bioclimate and vegetation for the last 120,000 years. <i>Scientific Data</i> , 2020 , 7, 236	8.2	22
117	The genome of the giant Nomura's jellyfish sheds light on the early evolution of active predation. <i>BMC Biology</i> , 2019 , 17, 28	7.3	21
116	Flexibility in foraging strategies of Brown Skuas in response to local and seasonal dietary constraints. <i>Journal of Ornithology</i> , 2015 , 156, 625-633	1.5	21
115	Antisense regulation by transposon-derived RNAs in the hyperthermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>EMBO Reports</i> , 2013 , 14, 527-33	6.5	21
114	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	2.5	20

113	Highlighting nonlinear patterns in population genetics datasets. <i>Scientific Reports</i> , 2015 , 5, 8140	4.9	19
112	CRISPR-mediated defense mechanisms in the hyperthermophilic archaeal genus <i>Sulfolobus</i> . <i>RNA Biology</i> , 2013 , 10, 671-8	4.8	19
111	Foraging behaviour and habitat use by brown skuas <i>Stercorarius lonnbergi</i> breeding at South Georgia. <i>Marine Biology</i> , 2014 , 161, 1755-1764	2.5	18
110	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	2.6	18
109	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, 1661-8	1.9	18
108	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	4.4	17
107	Late Quaternary horses in Eurasia in the face of climate and vegetation change. <i>Science Advances</i> , 2018 , 4, eaar5589	14.3	17
106	Whole genome sequence and analysis of the Marwari horse breed and its genetic origin. <i>BMC Genomics</i> , 2014 , 15 Suppl 9, S4	4.5	17
105	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	1.9	17
104	Who directs group movement? Leader effort versus follower preference in stickleback fish of different personality. <i>Biology Letters</i> , 2016 , 12,	3.6	16
103	Autosomal genetic diversity in non-breed horses from eastern Eurasia provides insights into historical population movements. <i>Animal Genetics</i> , 2013 , 44, 53-61	2.5	16
102	Morphological and fluorescence analysis of the <i>Montastraea annularis</i> species complex in Florida. <i>Marine Biology</i> , 2000 , 137, 899-906	2.5	16
101	Genome-wide characterisation of hepatitis B mutations involved in clinical outcome. <i>Heredity</i> , 2006 , 97, 389-97	3.6	15
100	Whole genome sequencing of an ethnic Pathan (Pakhtun) from the north-west of Pakistan. <i>BMC Genomics</i> , 2015 , 16, 172	4.5	14
99	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, 820-4	11.5	14
98	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		14
97	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	2.6	14
96	Microplastic ingestion rates are phenotype-dependent in juvenile anemonefish. <i>Environmental Pollution</i> , 2020 , 259, 113855	9.3	14

95	Historical and projected future range sizes of the world's mammals, birds, and amphibians. <i>Nature Communications</i> , 2020 , 11, 5633	17.4	13
94	Effects of urbanization on bird migration. <i>Biological Conservation</i> , 2020 , 244, 108423	6.2	13
93	A role for partially protected areas on coral reefs: maintaining fish diversity?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2011 , 21, 231-238	2.6	13
92	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	11.5	13
91	Climatic windows for human migration out of Africa in the past 300,000 years. <i>Nature Communications</i> , 2021 , 12, 4889	17.4	13
90	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	5.6	12
89	Relationship between roving behaviour and the diet and client composition of the cleaner fish <i>Labroides bicolor</i> . <i>Journal of Fish Biology</i> , 2012 , 81, 210-9	1.9	12
88	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, 1264-81	3	12
87	An empirical evaluation of bias correction methods for palaeoclimate simulations. <i>Climate of the Past</i> , 2020 , 16, 1493-1508	3.9	12
86	Carnivore abundance near motorways related to prey and roadkills. <i>Journal of Wildlife Management</i> , 2018 , 82, 319-327	1.9	12
85	Ancient trade routes shaped the genetic structure of horses in eastern Eurasia. <i>Molecular Ecology</i> , 2013 , 22, 5340-51	5.7	11
84	Female scissortail sergeants (Pisces: Pomacentridae) use test eggs to choose good fathers. <i>Animal Behaviour</i> , 2010 , 79, 237-242	2.8	11
83	Chromosome-scale assembly comparison of the Korean Reference Genome KOREF from PromethION and PacBio with Hi-C mapping information. <i>GigaScience</i> , 2019 , 8,	7.6	11
82	Rhythms of activity and foraging in the intertidal insect <i>Anurida maritima</i> : coping with the tide. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000 , 80, 189-190	1.1	10
81	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	2.6	10
80	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	18.3	9
79	Quantifying individual specialization using tracking data: a case study on two species of albatrosses. <i>Marine Biology</i> , 2018 , 165, 152	2.5	9
78	Raptor genomes reveal evolutionary signatures of predatory and nocturnal lifestyles. <i>Genome Biology</i> , 2019 , 20, 181	18.3	8

77	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	12.8	8
76	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	2.6	8
75	Genome-scale target capture of mitochondrial and nuclear environmental DNA from water samples. <i>Molecular Ecology Resources</i> , 2021 , 21, 690-702	8.4	8
74	Effects of age on foraging behavior in two closely related albatross species. <i>Movement Ecology</i> , 2020 , 8, 7	4.6	7
73	Benefits and Costs of Dominance in the Angelfish <i>Centropyge bicolor</i> . <i>Ethology</i> , 2010 , 116, no-no	1.7	7
72	Brood conspicuousness and clutch viability in male-caring assassin bugs (<i>Rhinocoris tristis</i>). <i>Ecological Entomology</i> , 2009 , 34, 176-182	2.1	7
71	The optimal balance of defence investment strategies in clonal colonies of social aphids. <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 803-814	2.5	7
70	An aggregation pheromone in the intertidal collembolan <i>Anurida maritima</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2001 , 99, 393-395	2.1	7
69	Predation drives recurrent convergence of an interspecies mutualism. <i>Ecology Letters</i> , 2019 , 22, 256-264	10	7
68	Defining and Measuring Success in Conservation 2010 , 73-93		6
67	Detecting and Removing Ascertainment Bias in Microsatellites from the HGDP-CEPH Panel. <i>G3: Genes, Genomes, Genetics</i> , 2011 , 1, 479-88	3.2	6
66	Response of an Afro-Palaearctic bird migrant to glaciation cycles.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
65	A systematic comparison of bias correction methods for paleoclimate simulations		6
64	The genomic formation of First American ancestors in East and Northeast Asia		6
63	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	5	6
62	Evidence for conditional cooperation: a response to Schlicht et al.. <i>Behavioral Ecology</i> , 2016 , 27, e6-e7	2.3	6
61	When males live longer: Resource-driven territorial behavior drives sex-specific survival in snakes. <i>Science Advances</i> , 2019 , 5, eaar5478	14.3	5
60	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	2.9	5

59	Windows out of Africa: A 300,000-year chronology of climatically plausible human contact with Eurasia		5
58	Removing reference bias and improving indel calling in ancient DNA data analysis by mapping to a sequence variation graph		5
57	A statistics-based reconstruction of high-resolution global terrestrial climate for the last 800,000 years. <i>Scientific Data</i> , 2021 , 8, 228	8.2	5
56	An earlier revolution: genetic and genomic analyses reveal pre-existing cultural differences leading to Neolithization. <i>Scientific Reports</i> , 2017 , 7, 3525	4.9	4
55	Did Going North Give Us Migraine? An Evolutionary Approach on Understanding Latitudinal Differences in Migraine Epidemiology. <i>Headache</i> , 2019 , 59, 632-634	4.2	4
54	Domestication via the commensal pathway in a fish-invertebrate mutualism. <i>Nature Communications</i> , 2020 , 11, 6253	17.4	4
53	Simulation-based reconstruction of global bird migration over the past 50,000 years. <i>Nature Communications</i> , 2020 , 11, 801	17.4	4
52	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	2	4
51	The role of tactile interactions in flight responses in the Bronze Cory catfish (<i>Corydoras aeneus</i>). <i>Ethology</i> , 2019 , 125, 810-820	1.7	4
50	Quantifying the costs and benefits of protective egg coating in a Chrysomelid beetle. <i>Ecological Entomology</i> , 2008 , 33, 484-487	2.1	4
49	Orientation in the intertidal salt-marsh collembolan <i>Anurida maritima</i> . <i>Behavioral Ecology and Sociobiology</i> , 2000 , 47, 371-375	2.5	4
48	Regional TMPRSS2 V197M Allele Frequencies Are Correlated with COVID-19 Case Fatality Rates. <i>Molecules and Cells</i> , 2021 , 44, 680-687	3.5	4
47	Decoding a highly mixed Kazakh genome. <i>Human Genetics</i> , 2020 , 139, 557-568	6.3	3
46	Leadership, personality and social feedback. <i>Communicative and Integrative Biology</i> , 2009 , 2, 335-6	1.7	3
45	The basis of cowardice in social defenders. <i>Ecological Modelling</i> , 2006 , 196, 275-282	3	3
44	A statistics-based reconstruction of high-resolution global terrestrial climate for the last 800,000 years		3
43	A metapopulation model of the spread of the Devil Facial Tumour Disease predicts the long term collapse of its host but not its extinction		3
42	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	2.6	3

41	Human origins in Southern African palaeo-wetlands? Strong claims from weak evidence. <i>Journal of Archaeological Science</i> , 2021 , 130, 105374	2.9	3
40	Diving behaviour of albatrosses: implications for foraging ecology and bycatch susceptibility. <i>Marine Biology</i> , 2021 , 168, 1	2.5	3
39	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	3.8	2
38	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	4.3	2
37	How Levins' dynamics emerges from a Ricker metapopulation model. <i>Theoretical Ecology</i> , 2016 , 9, 173-183	6.6	2
36	Global demographic history of human populations inferred from whole mitochondrial genomes. <i>Royal Society Open Science</i> , 2018 , 5, 180543	3.3	2
35	Effect of the Presence of Subordinates on Dominant Female Behaviour and Fitness in Hierarchies of the Dwarf Angelfish <i>Centropyge bicolor</i> . <i>Ethology</i> , 2011 , 117, 1111-1119	1.7	2
34	Modern wolves trace their origin to a late Pleistocene expansion from Beringia	1.7	2
33	Picky predators and odd prey: colour and size matter in predator choice and zebrafish vulnerability to refinement of the oddity effect. <i>Ethology Ecology and Evolution</i> , 2020 , 32, 135-147	0.7	2
32	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	2.4	2
31	African and Asian leopards are highly differentiated at the genomic level. <i>Current Biology</i> , 2021 , 31, 1872-1882	6.5	2
30	Different environmental variables predict body and brain size evolution in Homo. <i>Nature Communications</i> , 2021 , 12, 4116	17.4	2
29	Exploring intraspecific variation in migratory destinations to investigate the drivers of migration. <i>Oikos</i> , 2021 , 130, 187-196	4	2
28	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	4.5	2
27	Treatment-level impacts of microplastic exposure may be confounded by variation in individual-level responses in juvenile fish. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126059	12.8	2
26	California swordfish fishery: Maximizing the catch rate of a target species simultaneously minimizes bycatch rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7172-7173	11.5	1
25	Environmental conditions do not predict diversification rates in the Bantu languages. <i>Heliyon</i> , 2019 , 5, e02630	3.6	1
24	Coping with strangers: how familiarity and active interactions shape group coordination in. <i>Royal Society Open Science</i> , 2019 , 6, 190587	3.3	1

23	Bias in null model analyses of species co-occurrence: A response to Gotelli and Ulrich (2011). <i>Ecological Modelling</i> , 2011 , 222, 1340-1341	3	1
22	Process-explicit models reveal pathway to extinction for woolly mammoth using pattern-oriented validation. <i>Ecology Letters</i> , 2022 , 25, 125-137	10	1
21	Significant reductions of host abundance weakly impact infection intensity of <i>Batrachochytrium dendrobatidis</i> . <i>PLoS ONE</i> , 2020 , 15, e0242913	3.7	1
20	The genetics of an early Neolithic pastoralist from the Zagros, Iran		1
19	Consistent individual differences drive collective behaviour and group functioning of schooling fish		1
18	Alpine Newts (<i>Ichthyosaura alpestris</i>) Avoid Habitats Previously Used by Parasite-Exposed Conspecifics. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	1
17	mtDNAcombine: tools to combine sequences from multiple studies. <i>BMC Bioinformatics</i> , 2021 , 22, 115	3.6	1
16	Global and country-level data of the biodiversity footprints of 175 crops and pasture. <i>Data in Brief</i> , 2021 , 36, 106982	1.2	1
15	Bayesian Skyline Plots disagree with range size changes based on Species Distribution Models for Holarctic birds. <i>Molecular Ecology</i> , 2021 , 30, 3993-4004	5.7	1
14	Humans hastened the range collapse and extinction of woolly mammoth		1
13	A curated dataset of modern and ancient high-coverage shotgun human genomes. <i>Scientific Data</i> , 2021 , 8, 202	8.2	1
12	A spatiotemporally explicit paleoenvironmental framework for the Middle Stone Age of eastern Africa.. <i>Scientific Reports</i> , 2022 , 12, 3689	4.9	1
11	Relocating croplands could drastically reduce the environmental impacts of global food production. <i>Communications Earth & Environment</i> , 2022 , 3,	6.1	1
10	Archaeological sites and palaeoenvironments of Pleistocene West Africa. <i>Journal of Maps</i> , 1-8	2.2	1
9	Metacommunity analyses show an increase in ecological specialisation throughout the Ediacaran period.. <i>PLoS Biology</i> , 2022 , 20, e3001289	9.7	1
8	The development of tactile social interactions in <i>Corydoras aeneus</i> larvae. <i>Behaviour</i> , 2020 , 157, 515-539	1.4	0
7	Major population splits coincide with episodes of rapid climate change in a forest-dependent bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211066	4.4	0
6	Improving assessments of data-limited populations using life-history theory. <i>Journal of Applied Ecology</i> , 2021 , 58, 1225-1236	5.8	0

5	's historical journey through Siberia and the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	○
4	Tracking juveniles confirms fisheries-bycatch hotspot for an endangered albatross. <i>Biological Conservation</i> , 2021 , 261, 109288	6.2	○
3	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	11.5	○
2	Current Approaches in Spatial Genetics 2013 , 217-229		
1	Genetic demography: What does it mean and how to interpret it, with a case study on the Neolithic transition 2021 , 91-100		