

CITATION REPORT

List of articles citing

Comparative population genomics in animals uncovers the determinants of genetic diversity

DOI: [10.1038/nature13685](https://doi.org/10.1038/nature13685)

Nature, 2014, 515, 261-3.

Source: <https://exaly.com/paper-pdf/59333341/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
444	Determinants of genetic diversity. 2014 , 15, 642-642		1
443	Evolutionary history inferred from the de novo assembly of a nonmodel organism, the blue-eyed black lemur. 2015 , 24, 4392-405		16
442	Genetic differentiation of the regional <i>Plutella xylostella</i> populations across the Taiwan Strait based on identification of microsatellite markers. 2015 , 5, 5880-91		2
441	Species mtDNA genetic diversity explained by infrapopulation size in a host-symbiont system. 2015 , 5, 5801-9		10
440	The aggregate site frequency spectrum for comparative population genomic inference. 2015 , 24, 6223-40		37
439	Genetic diversity in humans and non-human primates and its evolutionary consequences. 2015 , 90, 133-45		14
438	Comparative paleovirological analysis of crustaceans identifies multiple widespread viral groups. 2015 , 6, 16		19
437	Next-generation sequencing and the expanding domain of phylogeography. 2015 , 64, 187-206		32
436	Are molecular markers useful predictors of adaptive potential?. 2015 , 18, 772-778		66
435	The geographic distribution of genetic diversity within gorillas. 2015 , 77, 974-985		8
434	Estimating Trait Heritability in Highly Fecund Species. 2015 , 5, 2639-45		12
433	Long-term isolation and endemism of Neotropical aquatic insects limit the community responses to recent amphibian decline. 2015 , 21, 938-949		21
432	Influence of the larval phase on connectivity: strong differences in the genetic structure of brooders and broadcasters in the <i>Ophioderma longicauda</i> species complex. 2015 , 24, 6080-94		21
431	[Parental investment predicts genetic diversity in animal species]. 2015 , 31, 17-9		
430	Stability and the competition-dispersal trade-off as drivers of speciation and biodiversity gradients. 2015 , 3,		19
429	Population Genetic Diversity in the Australian 'Seascape': A Bioregion Approach. 2015 , 10, e0136275		12
428	Molecular Evolution of Freshwater Snails with Contrasting Mating Systems. <i>Molecular Biology and Evolution</i> , 2015 , 32, 2403-16	8.3	37

427	Genetic divergence in tropical anurans: deeper phylogeographic structure in forest specialists and in topographically complex regions. 2015 , 29, 765-785		45
426	Applications of next-generation sequencing to the study of biological invasions. 2015 , 61, 488-504		46
425	Deeply divergent sympatric mitochondrial lineages of the earthworm <i>Lumbricus rubellus</i> are not reproductively isolated. 2015 , 15, 217		39
424	Population Genomic and Phylogenomic Insights into the Evolution of Physiology and Behaviour in Social Insects. 2015 , 48, 293-324		8
423	Identification and Characterization of a Novel Family of Cysteine-Rich Peptides (MgCRP-I) from <i>Mytilus galloprovincialis</i> . <i>Genome Biology and Evolution</i> , 2015 , 7, 2203-19	3.9	14
422	Natural selection constrains neutral diversity across a wide range of species. 2015 , 13, e1002112		187
421	Contrasting responses to Pleistocene climate changes: a case study of two sister species <i>Allium cyathophorum</i> and <i>A. spicata</i> (Amaryllidaceae) distributed in the eastern and western Qinghai-Tibet Plateau. 2015 , 5, 1513-24		9
420	The red coral (<i>Corallium rubrum</i>) transcriptome: a new resource for population genetics and local adaptation studies. 2015 , 15, 1205-15		37
419	SNP genotyping and population genomics from expressed sequences - current advances and future possibilities. 2015 , 24, 2310-23		78
418	Draft genome assemblies and predicted microRNA complements of the intertidal lophotrochozoans <i>Patella vulgata</i> (Mollusca, Patellogastropoda) and <i>Spirobranchus lamarcki</i> (Annelida, Serpulida). 2015 , 24 Pt 2, 139-46		22
417	Why Selection Might Be Stronger When Populations Are Small: Intron Size and Density Predict within and between-Species Usage of Exonic Splice Associated cis-Motifs. <i>Molecular Biology and Evolution</i> , 2015 , 32, 1847-61	8.3	24
416	Assessing the genetic diversity of the mangrove oyster <i>Crassostrea rhizophorae</i> (Bivalvia, Ostreidae) by microsatellite markers in southeastern Brazil. 2015 , 11, 944-954		1
415	Genome size correlates with reproductive fitness in seed beetles. 2015 , 282,		20
414	Inference Under a Wright-Fisher Model Using an Accurate Beta Approximation. 2015 , 201, 1133-41		11
413	Hemichordate genomes and deuterostome origins. <i>Nature</i> , 2015 , 527, 459-65	50.4	144
412	Hemizyosity Enhances Purifying Selection: Lack of Fast-Z Evolution in Two Satyrine Butterflies. <i>Genome Biology and Evolution</i> , 2016 , 8, 3108-3119	3.9	21
411	Dedicated population genomics for the silent world: the specific questions of marine population genetics. 2016 , 62, 545-550		8
410	cDNA and Gene Structure of MytiLec-1, A Bacteriostatic R-Type Lectin from the Mediterranean Mussel (<i>Mytilus galloprovincialis</i>). 2016 , 14,		22

409	Shedding Light on the Grey Zone of Speciation along a Continuum of Genomic Divergence. 2016 , 14, e2000234	240
408	Conservation of sex chromosomes in lacertid lizards. 2016 , 25, 3120-6	45
407	Population genomics of sexual and asexual lineages in fissiparous ribbon worms (Lineus, Nemertea): hybridization, polyploidy and the Meselson effect. 2016 , 25, 3356-69	38
406	Population genomic footprints of fine-scale differentiation between habitats in Mediterranean blue tits. 2016 , 25, 542-58	41
405	Local interspecies introgression is the main cause of extreme levels of intraspecific differentiation in mussels. 2016 , 25, 269-86	71
404	Coverage recommendation for genotyping analysis of highly heterologous species using next-generation sequencing technology. 2016 , 6, 35736	29
403	A century of temporal stability of genetic diversity in wild bumblebees. 2016 , 6, 38289	14
402	Chromosomal rearrangements, genome reorganization, and speciation. 2016 , 43, 759-775	7
401	Towards a phylogenetic classification of Leptothecata (Cnidaria, Hydrozoa). 2016 , 6, 18075	40
400	How and how much does RAD-seq bias genetic diversity estimates?. 2016 , 16, 240	43
399	Molecular Evolutionary Consequences of Island Colonization. <i>Genome Biology and Evolution</i> , 2016 , 8, 1876-88	3.9 27
398	Implications of recurrent disturbance for genetic diversity. 2016 , 6, 1181-96	27
397	SNP calling from RNA-seq data without a reference genome: identification, quantification, differential analysis and impact on the protein sequence. 2016 , 44, e148	47
396	Incomplete Lineage Sorting in Mammalian Phylogenomics. 2017 , 66, 112-120	63
395	Effective population size as a driver for divergence of an antimicrobial peptide (Hymenoptaecin) in two common European bumblebee species. 2016 , 119, 299-310	3
394	Joint Prediction of the Effective Population Size and the Rate of Fixation of Deleterious Mutations. 2016 , 204, 1267-1279	7
393	Ancient DNA reveals substantial genetic diversity in the California Condor (<i>Gymnogyps californianus</i>) prior to a population bottleneck. 2016 , 118, 703-714	15
392	Identification of two lineages of host-associated eriophyoid mites predisposed to different levels of host diversification. 2016 , 105, 235-240	11

391	High adult mortality in disease-challenged frog populations increases vulnerability to drought. 2016 , 85, 1453-1460		38
390	Here We Are, But Where Do We Go? A Systematic Review of Crustacean Transcriptomic Studies from 2014-2015. <i>Integrative and Comparative Biology</i> , 2016 , 56, 1055-1066	2.8	16
389	High expression of new genes in trochophore enlightening the ontogeny and evolution of trochozoans. 2016 , 6, 34664		22
388	The population genomics of rhesus macaques (<i>Macaca mulatta</i>) based on whole-genome sequences. 2016 , 26, 1651-1662		76
387	Contrasted levels of genetic diversity in a benthic Mediterranean octocoral: Consequences of different demographic histories?. 2016 , 6, 8665-8678		13
386	Full circumpolar migration ensures evolutionary unity in the Emperor penguin. 2016 , 7, 11842		30
385	Discovery of parvovirus-related sequences in an unexpected broad range of animals. 2016 , 6, 30880		41
384	Population genomics of <i>C. melanopterus</i> using target gene capture data: demographic inferences and conservation perspectives. 2016 , 6, 33753		17
383	Transcriptome analysis in switchgrass discloses ecotype difference in photosynthetic efficiency. <i>BMC Genomics</i> , 2016 , 17, 1040	4.5	8
382	Transcriptome-wide patterns of divergence during allopatric evolution. 2016 , 25, 1478-93		34
381	Salinity-induced changes in gene expression from anterior and posterior gills of <i>Callinectes sapidus</i> (Crustacea: Portunidae) with implications for crustacean ecological genomics. 2016 , 19, 34-44		16
380	Bioinformatics for agriculture in the Next-Generation sequencing era. 2016 , 3,		23
379	Determinants of genetic diversity. 2016 , 17, 422-33		312
378	Genetic differentiation and reduced genetic diversity at the northern range edge of two species with different dispersal modes. 2016 , 25, 515-26		27
377	Comparative phylogeographies of six species of hinged terrapins (<i>Pelusios</i> spp.) reveal discordant patterns and unexpected differentiation in the <i>P. castaneus</i> / <i>P. chapini</i> complex and <i>P. rhodesianus</i> . 2016 , 117, 305-321		8
376	A replicated climate change field experiment reveals rapid evolutionary response in an ecologically important soil invertebrate. 2016 , 22, 2370-9		12
375	Speciation, Ecological Opportunity, and Latitude (American Society of Naturalists Address). 2016 , 187, 1-18		94
374	Ecological traits shape genetic diversity patterns across the Mediterranean Sea: a quantitative review on fishes. 2016 , 43, 845-857		16

373	Personalized Therapy of Hypertension: the Past and the Future. 2016 , 18, 24		14
372	Life History Traits, Protein Evolution, and the Nearly Neutral Theory in Amniotes. <i>Molecular Biology and Evolution</i> , 2016 , 33, 1517-27	8.3	46
371	The application of EbmicsL technologies for the classification and identification of animals. 2016 , 16, 1-12		36
370	Does population size affect genetic diversity? A test with sympatric lizard species. 2016 , 116, 92-8		43
369	Reef-Specific Patterns of Gene Expression Plasticity in Eastern Oysters (<i>Crassostrea virginica</i>). 2016 , 107, 90-100		22
368	Can Evolution Supply What Ecology Demands?. 2017 , 32, 187-197		41
367	Comparative transcriptomics of elasmobranchs and teleosts highlight important processes in adaptive immunity and regional endothermy. <i>BMC Genomics</i> , 2017 , 18, 87	4.5	23
366	No signs of inbreeding despite long-term isolation and habitat fragmentation in the critically endangered Montseny brook newt (<i>Calotriton arnoldi</i>). 2017 , 118, 424-435		9
365	Positive selection on sperm ion channels in a brooding brittle star: consequence of life-history traits evolution. 2017 , 26, 3744-3759		14
364	Diversity and evolution of sex determination systems in terrestrial isopods. 2017 , 7, 1084		22
363	Genetic diversity is largely unpredictable but scales with museum occurrences in a species-rich clade of Australian lizards. 2017 , 284,		9
362	Cadmium in vivo exposure alters stress response and endocrine-related genes in the freshwater snail <i>Physa acuta</i> . New biomarker genes in a new model organism. 2017 , 220, 1488-1497		12
361	Evolution of sociality in spiders leads to depleted genomic diversity at both population and species levels. 2017 , 26, 4197-4210		29
360	Molecular Population Genetics. 2017 , 205, 1003-1035		55
359	Genetic Diversity and the Efficacy of Purifying Selection across Plant and Animal Species. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1417-1428	8.3	76
358	Patterns of cross-contamination in a multispecies population genomic project: detection, quantification, impact, and solutions. 2017 , 15, 25		66
357	Genetic equidistance at nucleotide level. 2017 , 109, 192-195		0
356	Genomic data detect corresponding signatures of population size change on an ecological time scale in two salamander species. 2017 , 26, 1060-1074		26

355	Pleiotropy, constraint, and modularity in the evolution of life histories: insights from genomic analyses. 2017 , 1389, 76-91		26
354	Molluscan Genomics: Implications for Biology and Aquaculture. 2017 , 3, 297-305		11
353	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. 2017 , 49, 1705-1713		76
352	Comparative Genomics of Apomictic Root-Knot Nematodes: Hybridization, Ploidy, and Dynamic Genome Change. <i>Genome Biology and Evolution</i> , 2017 , 9, 2844-2861	3.9	56
351	Revision of the Genus <i>Micromonas</i> Manton et Parke (Chlorophyta, Mamiellophyceae), of the Type Species <i>M. pusilla</i> (Butcher) Manton & Parke and of the Species <i>M. commoda</i> van Baren, Bachy and Worden and Description of Two New Species Based on the Genetic and Phenotypic Characterization of Cultured Isolates. 2017 , 168, 612-635		38
350	Biome-specific climatic space defined by temperature and precipitation predictability. 2017 , 26, 1270-1282		15
349	Do genetic drift and accumulation of deleterious mutations preclude adaptation? Empirical investigation using RADseq in a northern lacustrine fish. 2017 , 26, 6317-6335		33
348	Habitat Association Predicts Genetic Diversity and Population Divergence in Amazonian Birds. 2017 , 190, 631-648		48
347	Escape from predators and genetic variance in birds. 2017 , 30, 2059-2067		4
346	Evolutionarily significant units of the critically endangered leaf frog (Anura, Phyllomedusidae) are not effectively preserved by the Brazilian protected areas network. 2017 , 7, 8812-8828		13
345	Local environment rather than past climate determines community composition of mountain stream macroinvertebrates across Europe. 2017 , 26, 6085-6099		25
344	Pathogen richness and abundance predict patterns of adaptive major histocompatibility complex variation in insular amphibians. 2017 , 26, 4671-4685		14
343	Time to Go Bigger: Emerging Patterns in Macrogenetics. 2017 , 33, 579-580		24
342	Large Variation in the Ratio of Mitochondrial to Nuclear Mutation Rate across Animals: Implications for Genetic Diversity and the Use of Mitochondrial DNA as a Molecular Marker. <i>Molecular Biology and Evolution</i> , 2017 , 34, 2762-2772	8.3	123
341	Disease-associated change in an amphibian life-history trait. 2017 , 184, 825-833		11
340	Genomic divergence across ecological gradients in the Central African rainforest songbird (<i>Andropadus virens</i>). 2017 , 26, 4966-4977		20
339	Large-scale SNP screenings identify markers linked with GCRV resistant traits through transcriptomes of individuals and cell lines in <i>Ctenopharyngodon idella</i> . 2017 , 7, 1184		9
338	varver: a database of microsatellite variation in vertebrates. 2017 , 17, 824-833		4

- 337 Making sense of genomic islands of differentiation in light of speciation. **2017**, 18, 87-100 238
- 336 Weird genotypes? Don't discard them, transmissible cancer could be an explanation. **2017**, 10, 140-145 13
- 335 Population genetic structure of the Amazonian black flannelmouth characin (Characiformes, Prochilodontidae: *Prochilodus nigricans* Spix & Agassiz, 1829): contemporary and historical gene flow of a migratory and abundant fishery species. **2017**, 100, 1-16 22
- 334 Convergent evolution of social hybridogenesis in Messor harvester ants. **2017**, 26, 1108-1117 13
- 333 Monophyly of Anthozoa (Cnidaria): why do nuclear and mitochondrial phylogenies disagree?. **2017**, 46, 363-371 19
- 332 Genomic distribution and estimation of nucleotide diversity in natural populations: perspectives from the collared flycatcher (*Ficedula albicollis*) genome. **2017**, 17, 586-597 21
- 331 The landscape of extreme genomic variation in the highly adaptable Atlantic killifish. *Genome Biology and Evolution*, **2017**, 9, 659-676 3.9 34
- 330 Role of colonization history and species-specific traits on contemporary genetic variation of two salamander species in a Holocene island-mainland system. **2018**, 45, 1054-1066 7
- 329 Low genetic diversity, limited gene flow and widespread genetic bottleneck effects in a threatened dolphin species, the Australian humpback dolphin. **2018**, 220, 192-200 24
- 328 Climate-driven range shifts of the king penguin in a fragmented ecosystem. **2018**, 8, 245-251 52
- 327 A 200K SNP chip reveals a novel Pacific salmon louse genotype linked to differential efficacy of emamectin benzoate. **2018**, 40, 45-57 13
- 326 Transcriptome of the bivalve *Limecola balthica* L. from Western Pacific: A new resource for studies of European populations. **2018**, 40, 58-63 2
- 325 Phylogenomics of palearctic *Formica* species suggests a single origin of temporary parasitism and gives insights to the evolutionary pathway toward slave-making behaviour. **2018**, 18, 40 11
- 324 Codon Usage Bias in Animals: Disentangling the Effects of Natural Selection, Effective Population Size, and GC-Biased Gene Conversion. *Molecular Biology and Evolution*, **2018**, 35, 1092-1103 8.3 58
- 323 Quantifying Temporal Genomic Erosion in Endangered Species. **2018**, 33, 176-185 66
- 322 What factors shape genetic diversity in cetaceans?. **2018**, 8, 1554-1572 16
- 321 Rapid genome shrinkage in a self-fertile nematode reveals sperm competition proteins. **2018**, 359, 55-61 59
- 320 Prevalence of loss-of-function alleles does not correlate with lifetime fecundity and other life-history traits in metazoans. **2018**, 13, 4

319	Significant loss of mitochondrial diversity within the last century due to extinction of peripheral populations in eastern gorillas. 2018 , 8, 6551	15
318	Hidden genetic history of the Japanese sand dollar <i>Peronella</i> (Echinoidea: Laganidae) revealed by nuclear intron sequences. 2018 , 659, 37-43	1
317	Which species, how many, and from where: Integrating habitat suitability, population genomics, and abundance estimates into species reintroduction planning. 2018 , 24, 3729-3748	18
316	Extended and Continuous Decline in Effective Population Size Results in Low Genomic Diversity in the World's Rarest Hyena Species, the Brown Hyena. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1225-1237 ⁸³	37
315	Genomic Signature of an Avian Lilliput Effect across the K-Pg Extinction. 2018 , 67, 1-13	62
314	The influence of paleoclimate on the distribution of genetic variability and demography of fishes in a large and highly fragmented neotropical river. 2018 , 805, 97-112	2
313	Beyond the beaten path: improving natural products bioprospecting using an eco-evolutionary framework - the case of the octocorals. 2018 , 38, 184-198	7
312	Assembly and RNA-free annotation of highly heterozygous genomes: The case of the thick-billed murre (<i>Uria lomvia</i>). 2018 , 18, 79-90	11
311	New evidence for the recent divergence of Devil's Hole pupfish and the plausibility of elevated mutation rates in endangered taxa. 2018 , 27, 831-838	7
310	Traits-based approaches support the conservation relevance of landscape genetics. 2018 , 19, 17-26	5
309	A unified concept of dominance applicable at both community and species scales. 2018 , 9, e02477	10
308	All But Sleeping? Consequences of Soil Seed Banks on Neutral and Selective Diversity in Plant Species. 2018 , 195-212	1
307	Demographic histories and genetic diversity across pinnipeds are shaped by human exploitation, ecology and life-history. 2018 , 9, 4836	29
306	Genetic diversity in fishes is influenced by habitat type and life-history variation. 2018 , 8, 12022-12031	30
305	Mathematical Modelling in Plant Biology. 2018 ,	4
304	Comparative population genetics and demographic history of two polychaete species suggest that coastal lagoon populations evolve under alternate regimes of gene flow. 2018 , 165, 1	2
303	Macroevolutionary shift in the size of amphibian genomes and the role of life history and climate. 2018 , 2, 1792-1799	47
302	Genomic data recover previously undetectable fragmentation effects in an endangered amphibian. 2018 , 27, 4430-4443	25

301	Mechanisms of Plastic Rescue in Novel Environments. 2018 , 49, 331-354		57
300	Factors driving effective population size and pan-genome evolution in bacteria. 2018 , 18, 153		52
299	Genetic Differentiation of the Daurian Ground Squirrel <i>Spermophilus dauricus</i> Brandt, 1843 according to Variability of the Mitochondrial DNA Control Region. 2018 , 45, 438-447		2
298	Lignocellulose degradation at the holobiont level: teamwork in a keystone soil invertebrate. 2018 , 6, 162		38
297	Global Rate Variation in Bony Vertebrates. <i>Genome Biology and Evolution</i> , 2018 , 10, 1803-1815	3.9	11
296	Biological species in the viral world. 2018 , 115, 6040-6045		39
295	Marine Invasion Genomics: Revealing Ecological and Evolutionary Consequences of Biological Invasions. 2018 , 363-398		6
294	Regional variation in genetic diversity between wild and cultured populations of bighead catfish (<i>Clarias macrocephalus</i>) in the Mekong Delta. 2018 , 207, 118-125		8
293	Whole-genome data reveal the complex history of a diverse ecological community. 2018 , 115, E6507-E6515		28
292	The High-Quality Genome Sequence of the Oceanic Island Endemic Species <i>Drosophila guanche</i> Reveals Signals of Adaptive Evolution in Genes Related to Flight and Genome Stability. <i>Genome Biology and Evolution</i> , 2018 , 10, 1956-1969	3.9	8
291	Genomic Tools and Selective Breeding in Molluscs. 2018 , 9, 253		47
290	Comparing genetic diversity and demographic history in co-distributed wild South American camelids. 2018 , 121, 387-400		19
289	Mechanisms of Thermal Tolerance in Reef-Building Corals across a Fine-Grained Environmental Mosaic: Lessons from Ofu, American Samoa. 2018 , 4,		48
288	Relationship Among Intron Length, Gene Expression, and Nucleotide Diversity in the Pacific Oyster <i>Crassostrea gigas</i> . 2018 , 20, 676-684		6
287	A phylogenomic framework and timescale for comparative studies of tunicates. 2018 , 16, 39		80
286	Phoretic dispersal influences parasite population genetic structure. 2018 , 27, 2770-2779		14
285	Runs of homozygosity have utility in mammalian conservation and evolutionary studies. 2018 , 19, 1295-1307		26
284	Gene expression profiling reveals deep-sea coral response to the Deepwater Horizon oil spill. 2018 , 27, 4066-4077		15

283	Effects of demographic stochasticity and life-history strategies on times and probabilities to fixation. 2018 , 121, 374-386	1
282	Revisiting the phylogeography, demography and taxonomy of the frog genus <i>Ptychadena</i> in the Ethiopian highlands with the use of genome-wide SNP data. 2018 , 13, e0190440	12
281	A cost-and-time effective procedure to develop SNP markers for multiple species: A support for community genetics. 2018 , 9, 1959-1974	6
280	Deleterious alleles in the context of domestication, inbreeding, and selection. 2019 , 12, 6-17	36
279	The determinants of genetic diversity in butterflies. 2019 , 10, 3466	35
278	Effective population size and heterozygosity-fitness correlations in a population of the Mediterranean lagoon ecotype of long-snouted seahorse <i>Hippocampus guttulatus</i> . 2019 , 20, 1281-1288	3
277	African elephant genetics: enigmas and anomalies(^dagger). 2019 , 98, 1	1
276	Genome Evolution in Outcrossing vs. Selfing vs. Asexual Species. 2019 , 1910, 331-369	25
275	Population Genetics of Host-Associated Microbiomes. 2019 , 5, 128-139	7
274	Genetic Diversity-Area Relationships across Bird Species. 2019 , 194, 736-740	4
273	Integrating three comprehensive data sets shows that mitochondrial DNA variation is linked to species traits and paleogeographic events in European butterflies. 2019 , 19, 1623-1636	33
272	Complete mitochondrial genomes from transcriptomes: assessing pros and cons of data mining for assembling new mitogenomes. 2019 , 9, 14806	3
271	Heterozygosity-Fitness Correlations Reveal Inbreeding Depression in Neonatal Body Size in a Critically Endangered Rock Iguana. 2019 , 110, 818-829	4
270	Dissecting the Effects of Selection and Mutation on Genetic Diversity in Three Wood White (<i>Leptidea</i>) Butterfly Species. <i>Genome Biology and Evolution</i> , 2019 , 11, 2875-2886	3-9 3
269	Genomic impact of severe population decline in a nomadic songbird. 2019 , 14, e0223953	11
268	Impact of demography on linked selection in two outcrossing Brassicaceae species. 2019 , 9, 9532-9545	2
267	The confounding effects of high genetic diversity on the determination and interpretation of differential gene expression analysis in the parasitic nematode <i>Haemonchus contortus</i> . 2019 , 49, 847-858	6
266	Island area, body size and demographic history shape genomic diversity in Darwin's finches and related tanagers. 2019 , 28, 4914-4925	13

265	A transcriptome-based phylogenetic study of hard ticks (Ixodidae). 2019 , 9, 12923		15
264	Integrating life history traits into predictive phylogeography. 2019 , 28, 2062-2073		4
263	The Genome of <i>Armadillidium vulgare</i> (Crustacea, Isopoda) Provides Insights into Sex Chromosome Evolution in the Context of Cytoplasmic Sex Determination. <i>Molecular Biology and Evolution</i> , 2019 , 36, 727-741	8.3	25
262	Genetic diversity and structure of striped snakehead (<i>Channa striata</i>) in the Lower Mekong Basin: Implications for aquaculture and fisheries management. 2019 , 218, 166-173		6
261	Evolutionary transcriptomics reveals the origins of olives and the genomic changes associated with their domestication. 2019 , 100, 143-157		29
260	The genomic determinants of adaptive evolution in a fungal pathogen. 2019 , 3, 299-312		33
259	Ice-Age Climate Adaptations Trap the Alpine Marmot in a State of Low Genetic Diversity. 2019 , 29, 1712-1720.	7.4	7
258	Narwhal Genome Reveals Long-Term Low Genetic Diversity despite Current Large Abundance Size. <i>IScience</i> , 2019 , 15, 592-599	6.1	25
257	Low genetic variation is associated with low mutation rate in the giant duckweed. 2019 , 10, 1243		29
256	Landscape genomics to the rescue of a tropical bee threatened by habitat loss and climate change. 2019 , 12, 1164-1177		20
255	Large-Scale Comparative Analysis of Codon Models Accounting for Protein and Nucleotide Selection. <i>Molecular Biology and Evolution</i> , 2019 , 36, 1316-1332	8.3	15
254	Parallel pattern of differentiation at a genomic island shared between clinal and mosaic hybrid zones in a complex of cryptic seahorse lineages. 2019 , 73, 817-835		17
253	Strengthening the genetic diversity conservation narrative in Indonesia: challenges and prospects. 2019 , 28, 1647-1665		3
252	Eco-evolutionary community turnover following environmental change. 2019 , 12, 1434-1448		7
251	Is genomic diversity a useful proxy for census population size? Evidence from a species-rich community of desert lizards. 2019 , 28, 1664-1674		6
250	Invasive invertebrates associated with highly duplicated gene content. 2019 , 28, 1652-1663		4
249	The Toxins of Nemertean Worms. 2019 , 11,		12
248	Evolutionary impacts differ between two exploited populations of northern bottlenose whale (<i>Hyperoodon</i>). 2019 , 9, 13567-13584		4

247	Utilization of Tissue Ploidy Level Variation in Transcriptome Assembly of. 2019 , 9, 3409-3421		8
246	Standing genetic variation fuels rapid adaptation to ocean acidification. 2019 , 10, 5821		42
245	Genetic variation across trophic levels: A test of the correlation between population size and genetic diversity in sympatric desert lizards. 2019 , 14, e0224040		1
244	A pilot study of genetic structure of <i>Porphyra umbilicalis</i> Kütz in the Gulf of Maine using SNP markers from RNA-Seq. 2019 , 31, 1493-1503		0
243	Effects on tadpole snail gene expression after exposure to vinclozolin. 2019 , 170, 568-577		6
242	Historical demography of four gecko species specializing in boulder cave habitat: Implications in the evolutionary dead end hypothesis and conservation. 2019 , 28, 772-784		5
241	A new abyssal amphipod species (Crustacea) from sunken wood described using integrative taxonomy. 2019 , 172, 1-13		2
240	A versatile Rapture (RAD-Capture) platform for genotyping marine turtles. 2019 , 19, 497-511		13
239	Combining population genomics and forward simulations to investigate stocking impacts: A case study of Muskellunge (<i>Esox americanus</i>) from the St. Lawrence River basin. 2019 , 12, 902-922		10
238	Extreme Lewontin's Paradox in Ubiquitous Marine Phytoplankton Species. <i>Molecular Biology and Evolution</i> , 2019 , 36, 4-14	8.3	17
237	Sexual dimorphism and rapid turnover in gene expression in pre-reproductive seedlings of a dioecious herb. 2019 , 123, 1119-1131		9
236	Purifying Selection in Corvids Is Less Efficient on Islands. <i>Molecular Biology and Evolution</i> , 2020 , 37, 469-474		7
235	What can be learned by scanning the genome for molecular convergence in wild populations?. 2020 , 1476, 23-42		6
234	Interactions among body size, trophic level, and dispersal traits predict beetle detectability and occurrence responses to fire. 2020 , 45, 300-310		2
233	Population genomics supports clonal reproduction and multiple independent gains and losses of parasitic abilities in the most devastating nematode pest. 2020 , 13, 442-457		14
232	Cadmium Pathways in Snails Follow a Complementary Strategy between Metallothionein Detoxification and Auxiliary Inactivation by Phytochelatins. 2019 , 21,		3
231	Low genetic structure and diversity of Red-billed Tropicbirds in the Mexican Pacific. 2020 , 91, 142-155		1
230	Predicting amphibian intraspecific diversity with machine learning: Challenges and prospects for integrating traits, geography, and genetic data. 2021 , 21, 2818-2831		4

229	The Multilocus Multispecies Coalescent: A Flexible New Model of Gene Family Evolution. 2021 , 70, 822-837	3
228	Biochemical characterization of diverse deep-sea anthozoan bioluminescence systems. 2020 , 167, 1	15
227	Contingent Convergence: The Ability To Detect Convergent Genomic Evolution Is Dependent on Population Size and Migration. 2020 , 10, 677-693	6
226	Mitochondrial DNA Sequence Diversity in Mammals: A Correlation between the Effective and Census Population Sizes. <i>Genome Biology and Evolution</i> , 2020 , 12, 2441-2449	3.9 5
225	How Much Does Vary Among Species?. 2020 , 216, 559-572	11
224	The evolution of pueriparity maintains multiple paternity in a polymorphic viviparous salamander. 2020 , 10, 14744	3
223	Rapid size change associated with intra-island evolutionary radiation in extinct Caribbean "island-shrews". 2020 , 20, 106	6
222	Breeding systems and genetic diversity in tropical carpenter ant colonies: different strategies for similar outcomes in Brazilian Cerrado savanna. 2020 , 190, 1020-1035	1
221	High MHC gene copy number maintains diversity despite homozygosity in a Critically Endangered single-island endemic bird, but no evidence of MHC-based mate choice. 2020 , 29, 3578-3592	5
220	Global gene flow releases invasive plants from environmental constraints on genetic diversity. 2020 , 117, 4218-4227	43
219	Impact of transposable elements on genome size variation between two closely related crustacean species. 2020 , 600, 113770	3
218	Low-coverage genomic data resolve the population divergence and gene flow history of an Australian rain forest fig wasp. 2020 , 29, 3649-3666	2
217	Determinants of genetic variation across eco-evolutionary scales in pinnipeds. 2020 , 4, 1095-1104	22
216	Vulnerability to Fishing and Life History Traits Correlate with the Load of Deleterious Mutations in Teleosts. <i>Molecular Biology and Evolution</i> , 2020 , 37, 2192-2196	8.3 7
215	How long is 3 km for a butterfly? Ecological constraints and functional traits explain high mitochondrial genetic diversity between Sicily and the Italian Peninsula. 2020 , 89, 2013-2026	18
214	Approaches for conservation and improvement of Himalayan plant genetic resources. 2020 , 297-317	1
213	Assessing the evolutionary persistence of ecological relationships: A review and preview. 2020 , 84, 104441	2
212	Continent-wide effects of urbanization on bird and mammal genetic diversity. 2020 , 287, 20192497	25

211	Global determinants of freshwater and marine fish genetic diversity. 2020 , 11, 692		33
210	Comparative genomics approach to evolutionary process connectivity. 2020 , 13, 1320-1334		11
209	Is adaptation limited by mutation? A timescale-dependent effect of genetic diversity on the adaptive substitution rate in animals. 2020 , 16, e1008668		15
208	Error, noise and bias in de novo transcriptome assemblies. 2021 , 21, 18-29		12
207	Latitudinal gradients in genetic diversity and natural selection at a highly adaptive gene in terrestrial mammals. 2021 , 44, 206-218		5
206	Uncovering patterns of the evolution of genomic sequence entropy and complexity. 2021 , 296, 289-298		1
205	Microsatellites for the Neotropical ant, <i>Camponotus leydigi</i> (Hymenoptera: Formicidae). 2021 , 24, 79-84		
204	Genetic Variation and Hybridization in Evolutionary Radiations of Cichlid Fishes. 2021 , 9, 55-79		3
203	Greater strength of selection and higher proportion of beneficial amino acid changing mutations in humans compared with mice and. 2021 , 31, 110-120		4
202	Dioecy Is Associated with High Genetic Diversity and Adaptation Rates in the Plant Genus <i>Silene</i> . <i>Molecular Biology and Evolution</i> , 2021 , 38, 805-818	8,3	8
201	A Total-Evidence Dated Phylogeny of Echinoidea Combining Phylogenomic and Paleontological Data. 2021 , 70, 421-439		12
200	Agri/Bioinformatics: Shaping Next-Generation Agriculture. 2021 , 111-134		
199	Inferring long-term effective population size with Mutation-Selection models.		
198	Population structure limits parallel evolution.		4
197	Determinants of genetic diversity and species richness of North American amphibians.		1
196	A theoretical approach for quantifying the impact of changes in effective population size and expression level on the rate of coding sequence evolution.		
195	Conservation priorities in an endangered estuarine seahorse are informed by demographic history. 2021 , 11, 4205		0
194	Genome resequencing reveals rapid, repeated evolution in the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> .		1

193	Natural Selection is Unlikely to Explain Why Species Get a Thin Slice of π		2
192	Microsatellite analysis reveals low genetic diversity in managed populations of the critically endangered gharial (<i>Gavialis gangeticus</i>) in India. 2021 , 11, 5627		1
191	The Effects of GC-Biased Gene Conversion on Patterns of Genetic Diversity among and across Butterfly Genomes. <i>Genome Biology and Evolution</i> , 2021 , 13,	3.9	0
190	Climate and genetic diversity change in mammals during the Late Quaternary.		1
189	Island songbirds as windows into evolution in small populations. 2021 , 31, 1303-1310.e4		15
188	Comparative Population Genetics in the Human Gut Microbiome.		1
187	High resolution DNA barcode library for European butterflies reveals continental patterns of mitochondrial genetic diversity. 2021 , 4, 315		16
186	Population Structure Limits Parallel Evolution in Sticklebacks. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4205-4221	8.3	6
185	Comparative Population Genetics in the Human Gut Microbiome. <i>Genome Biology and Evolution</i> , 2021 ,	3.9	2
184	Macroecological trend of increasing values of intraspecific genetic diversity and population structure from temperate to tropical streams. 2021 , 30, 1685-1697		2
183	Reconstructing the History of Variation in Effective Population Size along Phylogenies. <i>Genome Biology and Evolution</i> , 2021 , 13,	3.9	4
182	Inferring Long-Term Effective Population Size with Mutation-Selection Models. <i>Molecular Biology and Evolution</i> , 2021 , 38, 4573-4587	8.3	2
181	Genetic and plastic rewiring of food webs under climate change. 2021 , 90, 1814-1830		8
180	Analysis of the impact of three phthalates on the freshwater gastropod <i>Physella acuta</i> at the transcriptional level. 2021 , 11, 11411		1
179	Size-dependent eco-evolutionary feedbacks in harvested systems. 2021 , 130, 1636		0
178	Evolutionary transition to XY sex chromosomes associated with Y-linked duplication of a male hormone gene in a terrestrial isopod. 2021 , 127, 266-277		1
177	Life history traits and dispersal shape neutral genetic diversity in metapopulations.		0
176	Extensive standing genetic variation from a small number of founders enables rapid adaptation in <i>Daphnia</i> . 2021 , 12, 4306		4

175	Inferring the demographic history of tetraploid species from genomic data.		0
174	Establishing conservation units to promote recovery of two threatened freshwater mussel species (Bivalvia: Unionida:). 2021 , 11, 11102-11122		1
173	Natural selection does not affect the estimates of effective population size based on linkage disequilibrium.		
172	Evidence for genetic isolation and local adaptation in the field cricket <i>Gryllus campestris</i> . 2021 , 34, 1624-1636	0	
171	The evolution of comparative phylogeography: putting the geography (and more) into comparative population genomics. <i>Genome Biology and Evolution</i> , 2021 ,	3.9	3
170	Quantifying the relationship between genetic diversity and population size suggests natural selection cannot explain Lewontin's Paradox. 2021 , 10,		8
169	Is the genomics cart before the restoration ecology horse? Insights from qualitative interviews and trends from the literature.		0
168	Determinants of population genetic structure in co-occurring freshwater snails.		
167	Species ecology explains the spatial components of genetic diversity in tropical reef fishes. 2021 , 288, 20211574		0
166	Quantifying the impact of changes in effective population size and expression level on the rate of coding sequence evolution. 2021 , 142, 57-66		1
165	A simple model for the evolution of temperature-dependent sex determination explains the temperature sensitivity of embryonic mortality in imperiled reptiles. 2021 , 9, coab020		0
164	Life history, climate and biogeography interactively affect worldwide genetic diversity of plant and animal populations. 2021 , 12, 516		28
163	Identification and population genetic comparison of three ascidian species based on mtDNA sequences. 2020 , 10, 3758-3768		1
162	Deriving genotypes from RAD-seq short-read data using Stacks. 2017 , 12, 2640-2659		176
161	Genetic diversity of North American vertebrates in protected areas. 2021 , 132, 388-399		2
160	The Iron-Responsive Genome of the Chiton <i>Acanthopleura granulata</i> . <i>Genome Biology and Evolution</i> , 2021 , 13,	3.9	15
159	Shedding light on the grey zone of speciation along a continuum of genomic divergence.		4
158	Habitat preference predicts genetic diversity and population divergence in Amazonian birds.		1

157	Modern human origins: multiregional evolution of autosomes and East Asia origin of Y and mtDNA.	7
156	Size-dependent eco-evolutionary feedbacks in fisheries.	0
155	Influence of historical and human factors on genetic structure and diversity patterns in peripheral populations: implications for the conservation of Moroccan trout.	4
154	Relaxation of purifying selection suggests low effective population size in eusocial Hymenoptera and solitary pollinating bees.	1
153	Predicting amphibian intraspecific diversity with machine learning: Challenges and prospects for integrating traits, geography, and genetic data.	1
152	The Multilocus Multispecies Coalescent: A Flexible New Model of Gene Family Evolution.	2
151	Genetic and species-level biodiversity patterns are linked by demography and ecological opportunity.	3
150	Homologous chromosomes in asexual rotifer <i>Adineta vaga</i> suggest automixis.	7
149	Petabase-scale sequence alignment catalyses viral discovery.	12
148	Convergent consequences of parthenogenesis on stick insect genomes.	2
147	Age-specific survivorship and fecundity shape genetic diversity in marine fishes.	2
146	Whole genome data reveal the complex history of a diverse ecological community.	1
145	A phylogenomic framework and timescale for comparative studies of tunicates.	2
144	Genome-wide features of introns are evolutionary decoupled among themselves and from genome size throughout Eukarya.	5
143	Recent demographic histories and genetic diversity across pinnipeds are shaped by anthropogenic interactions and mediated by ecology and life-history.	2
142	Genomic Data from an Endangered Amphibian Reveal Unforeseen Consequences of Fragmentation by Roads.	2
141	Low genetic variation is associated with low mutation rate in the giant duckweed.	1
140	Dioecy in plants: an evolutionary dead end? Insights from a population genomics study in the <i>Silene</i> genus.	4

139	Greater strength of selection and higher proportion of beneficial amino acid changing mutations in humans compared to mice and <i>Drosophila melanogaster</i> .	5
138	Error, noise and bias in de novo transcriptome assemblies.	2
137	A simple model for the evolution of temperature-dependent sex determination explains the temperature sensitivity of embryonic mortality in imperiled reptiles.	2
136	How much does Nevary among species?.	2
135	Transcriptomic responses to environmental change in fishes: Insights from RNA sequencing. 2017 , 2, 610-641	37
134	Adaptive Protein Evolution in Animals and the Effective Population Size Hypothesis. 2016 , 12, e1005774	97
133	Evolutionary forces affecting synonymous variations in plant genomes. 2017 , 13, e1006799	23
132	LEMONS - A Tool for the Identification of Splice Junctions in Transcriptomes of Organisms Lacking Reference Genomes. 2015 , 10, e0143329	4
131	Comparative Analysis of Transcriptomes from Secondary Reproductives of Three Reticulitermes Termite Species. 2015 , 10, e0145596	10
130	A First Insight into the Genome of the Filter-Feeder Mussel <i>Mytilus galloprovincialis</i> . 2016 , 11, e0151561	90
129	Contrasting population genetic structures in <i>Amphipholis squamata</i> , a complex of brooding, self-reproducing sister species sharing life history traits. 2015 , 539, 165-177	12
128	Decoupled maternal and zygotic genetic effects shape the evolution of development. 2018 , 7,	7
127	Broad-scale sampling of primary freshwater fish populations reveals the role of intrinsic traits, inter-basin connectivity, drainage area and latitude on shaping contemporary patterns of genetic diversity. 2016 , 4, e1694	12
126	Genetic diversity and differentiation in reef-building species, as revealed by cross-species amplification of fifteen novel microsatellite loci. 2017 , 5, e2936	13
125	Genome-wide survey of single-nucleotide polymorphisms reveals fine-scale population structure and signs of selection in the threatened Caribbean elkhorn coral. 2017 , 5, e4077	25
124	Life histories predict genetic diversity and population structure within three species of octopus targeted by small-scale fisheries in Northwest Mexico. 2018 , 6, e4295	12
123	The divergence history of European blue mussel species reconstructed from Approximate Bayesian Computation: the effects of sequencing techniques and sampling strategies. 2018 , 6, e5198	16
122	Mantle transcriptome sequencing of spp. and identification of putative biomineralization genes. 2019 , 6, e6245	12

121	The comparative population genetics of and. 2019 , 7, e7216	8
120	Similarity thresholds used in DNA sequence assembly from short reads can reduce the comparability of population histories across species. 2015 , 3, e895	47
119	Life-history traits and habitat availability shape genomic diversity in birds: implications for conservation. 2021 , 288, 20211441	4
118	Genome-wide markers reveal differentiation between and within the cryptic sister species, sunset and vermilion rockfish. 2022 , 23, 75	0
117	Chromosome-level genome assembly reveals homologous chromosomes and recombination in asexual rotifer. 2021 , 7, eabg4216	5
116	What does the distribution of fitness effects of new mutations reflect? Insights from plants. 2021 ,	0
115	Molecular basis of ocean acidification sensitivity and adaptation in <i>Mytilus galloprovincialis</i> .	
114	The design and analysis of binary variable traits in common garden genetic experiments of highly fecund species to assess heritability.	
113	Population genomics of <i>C. melanopterus</i> using target gene capture data: demographic inferences and conservation perspectives.	
112	Climate-driven range shifts in fragmented ecosystems.	
111	Lacking conservation genomics in the giant Galapagos tortoise.	1
110	Genetic equidistance at the nucleotide level.	
109	Comparative genomics of apomictic root-knot nematodes: hybridization, ploidy, and dynamic genome change.	1
108	Population and conservation genomics of the world's rarest hyena species, the brown hyena (<i>Parahyena brunnea</i>).	
107	Parallel pattern of differentiation at a genomic island shared between clinal and mosaic hybrid zones in a complex of cryptic seahorse lineages.	1
106	Large-Scale Comparative Analysis of Codon Models Accounting for Protein and Nucleotide Selection.	
105	Codon usage bias in animals: disentangling the effects of natural selection, effective population size and GC-biased gene conversion.	2
104	A genomic perspective timely needed for re-evaluating the species delimitations, evolutionary trajectories, and conservation strategies of the Galapagos giant tortoises. 2018 , 100031	

- 103 Effects of demographic stochasticity and life-history strategies on times and probabilities to fixation: an individual-based model.
- 102 Prevalence of loss-of-function alleles does not correlate with lifetime fecundity and other life-history traits in metazoans.
- 101 The Response to Past Climate Perturbations Explains Extremely Low Genetic Diversity in the Genome of an Abundant Ice-Age Remnant, the Alpine Marmot.
- 100 The divergence history of European blue mussel species reconstructed from Approximate Bayesian Computation: the effects of sequencing techniques and sampling strategies.
- 99 Eco-evolutionary community turnover following environmental change.
- 98 Recent secondary contacts, background selection and variable recombination rates shape genomic diversity in the model species *Anolis carolinensis*. 1
- 97 Combining population genomics and forward simulations to investigate stocking impacts: A case study of Muskellunge (*Esox masquinongy*) from the St. Lawrence River basin.
- 96 Population genomics supports clonal reproduction and multiple gains and losses of parasitic abilities in the most devastating nematode plant pest. 2
- 95 Social insect colony size is correlated with rates of substitution and DNA repair gene evolution.
- 94 A Versatile Rapture (RAD-Capture) Platform for Genotyping Marine Turtles.
- 93 Utilization of tissue ploidy level variation in de novo transcriptome assembly of *Pinus sylvestris*. 1
- 92 The determinants of genetic diversity in butterflies [Lewontin's paradox revisited]. 0
- 91 Persistence of remnant patches and genetic loss at the distribution periphery in island and mainland populations of the quokka. **2019**, 67, 38 1
- 90 Contingent Convergence: The ability to detect convergent genomic evolution is dependent on population size and migration.
- 89 Is adaptation limited by mutation? A timescale-dependent effect of genetic diversity on the adaptive substitution rate in animals. 3
- 88 Cryptic genetic variation underpins rapid adaptation to ocean acidification. 0
- 87 Continent-wide effects of urbanization on bird and mammal genetic diversity. 1
- 86 Testing the basic tenet of the molecular clock and neutral theory by using ancient proteomes.

85	Reconstructing the history of variation in effective population size along phylogenies..	
84	Vulnerability and life-history traits correlate with the load of deleterious mutations in fish.	1
83	Mitochondrial DNA Sequence Diversity in Mammals: a Correlation Between the Effective and Census Population Sizes.	1
82	A Total-Evidence Dated Phylogeny of Echinoids and the Evolution of Body Size across Adaptive Landscape.	2
81	Evolutionary transition to XY sex chromosomes associated with Y-linked duplication of a male hormone gene in a terrestrial isopod.	
80	High MHC gene copy number maintains diversity despite homozygosity in a Critically Endangered single-island endemic bird, but no evidence of MHC-based mate choice.	0
79	Initial Virome Characterization of the Common Cnidarian Lab Model. 2020 , 12,	1
78	Low coverage genomic data resolve the population divergence and gene flow history of an Australian rain forest fig wasp.	0
77	Island songbirds as windows into evolution in small populations.	1
76	The effects of GC-biased gene conversion on patterns of genetic diversity among and across butterfly genomes.	
75	Temporal and population trends in human exploited pinnipeds from Tierra del Fuego. 2020 , 554, 109804	2
74	The Molecular Basis of Ocean Acidification Sensitivity and Adaptation in <i>Mytilus galloprovincialis</i> .	
73	Relaxation of purifying selection suggests low effective population size in eusocial Hymenoptera and solitary pollinating bees. 1,	1
72	Genetic and species-level biodiversity patterns are linked by demography and ecological opportunity. 2021 ,	0
71	Lacking conservation genomics in the giant Galápagos tortoise. 1,	
70	Differential sensory and immune gene evolution in sea turtles with contrasting demographic and life historie.	1
69	Reduction of Genetic Variation When Far From the Niche Centroid: Prediction for Mangrove Species. 2022 , 2,	0
68	Genome resequencing reveals rapid, repeated evolution in the Colorado potato beetle.. <i>Molecular Biology and Evolution</i> , 2022 ,	8.3 7

67	Seascape genomics of coastal bottlenose dolphins along strong gradients of temperature and salinity.. 2022 ,	0
66	Conservation genetics as a management tool: The five best-supported paradigms to assist the management of threatened species.. 2022 , 119,	12
65	African elephant genetics: enigmas and anomalies. 2019 , 98,	0
64	Convergent consequences of parthenogenesis on stick insect genomes.. 2022 , 8, eabg3842	3
63	Differential Selection on Caste-Associated Genes in a Subterranean Termite.. 2022 , 13,	1
62	Varied diversification patterns and distinct demographic trajectories in Ethiopian montane forest bird (Aves: Passeriformes) populations separated by the Great Rift Valley.. 2022 ,	0
61	Genetic structure analysis on leopard cat reveals the effects of habitat fragmentation on subpopulation differentiation in Beijing.	
60	GenErode: a bioinformatics pipeline to investigate genome erosion in endangered and extinct species.	0
59	Drivers of unique and asynchronous population dynamics in Malagasy herpetofauna. 2022 , 49, 600-616	1
58	Multiple paternity in the pueriparous North African fire salamander, <i>Salamandra atra</i> , supports polyandry as a successful mating strategy in low fecundity <i>Salamandra</i> lineages. 2021 , 43, 93-102	
57	Rates of protein evolution across the marsupial phylogeny: heterogeneity and link to life-history traits. <i>Genome Biology and Evolution</i> , 2021 ,	3.9 2
56	Genetic Variability, Population Structure, and Relatedness Analysis of Meagre Stocks as an Informative Basis for New Breeding Schemes. 2021 , 6, 78	1
55	Age-specific survivorship and fecundity shape genetic diversity in marine fishes.. 2022 , 6, 46-62	2
54	Interpreting the pervasive observation of U-shaped Site Frequency Spectra.	2
53	Global genetic diversity status and trends: towards a suite of Essential Biodiversity Variables (EBVs) for genetic composition.. 2022 ,	3
52	Data_Sheet_1.XLSX. 2018 ,	
51	Data_Sheet_2.xlsx. 2018 ,	
50	Morphological and molecular characterization of variation in common bean (<i>Phaseolus vulgaris</i> L.) germplasm from Azad Jammu and Kashmir, Pakistan.. 2022 , 17, e0265817	0

49	Social insect colony size is correlated with rates of molecular evolution. 1		0
48	A Nearly-Neutral Model of Molecular Signatures of Natural Selection after Change in Population Size.. <i>Genome Biology and Evolution</i> , 2022 ,	3.9	1
47	The First Genome of the Balearic Shearwater (<i>Puffinus mauretanicus</i>) Provides a Valuable Resource for Conservation Genomics and Sheds Light on Adaptation to a Pelagic lifestyle.. <i>Genome Biology and Evolution</i> , 2022 , 14,	3.9	0
46	Parental care allows genetic variation to accumulate by relaxing selection.		0
45	Mitochondrial genetic diversity, phylogeography and historical demography of Moroccan native freshwater fishes: a case study of the genus <i>Luciobarbus</i> Heckel, 1843. 1		
44	Comparative analysis of novel and common reference genes in adult tissues of the mussel <i>Mytilus galloprovincialis</i> .. <i>BMC Genomics</i> , 2022 , 23, 349	4.5	1
43	Evolution, expression patterns and distribution of novel ribbon worm predatory and defensive toxins.. <i>Molecular Biology and Evolution</i> , 2022 ,	8.3	0
42	Life history traits and dispersal shape neutral genetic diversity in metapopulations.. <i>Journal of Mathematical Biology</i> , 2022 , 84, 45	2	
41	Genetic diversity varies with species traits and latitude in predatory soil arthropods (Myriapoda: Chilopoda).		
40	Genetic Structure and Demographic History of Yellow Grouper (<i>Epinephelus awoara</i>) from the Coast of Southeastern Mainland China, Inferred by Mitochondrial, Nuclear and Microsatellite DNA Markers. <i>Diversity</i> , 2022 , 14, 439	2.5	
39	GenErode: a bioinformatics pipeline to investigate genome erosion in endangered and extinct species. <i>BMC Bioinformatics</i> , 2022 , 23,	3.6	0
38	How can we resolve Lewontin's Paradox?. <i>Genome Biology and Evolution</i> ,	3.9	0
37	Is the genomics Bart before the restoration ecology Horse? Insights from qualitative interviews and trends from the literature. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022 , 377,	5.8	1
36	CaliPopGen: A genetic and life history database for the fauna and flora of California. <i>Scientific Data</i> , 2022 , 9,	8.2	0
35	Museum genomics provide evidence for persistent genetic differentiation in a threatened seabird species in the Western Atlantic. <i>Integrative and Comparative Biology</i> ,	2.8	0
34	Molecular basis of ocean acidification sensitivity and adaptation in <i>Mytilus galloprovincialis</i> . <i>IScience</i> , 2022 , 25, 104677	6.1	
33	Predictors of genomic diversity within North American squamates.		
32	Community Characteristics and Genetic Diversity of Macrobenthos in Haima Cold Seep. 9,		0

- 31 Give and Take: Effects of Genetic Admixture on Mutation Load in Endangered Florida Panthers. 0
- 30 Intron size minimisation in teleosts. **2022**, 23, 2
- 29 Genomic erosion in the assessment of species extinction risk and recovery potential. 0
- 28 Traditional phylogenetic models are insensitive to variations in the effective population size. 0
- 27 Contribution of private game ranching and captive bred operations in South Africa to White rhino *Ceratotherium simum* species survival conservation. 0
- 26 Draft genome and multi-tissue transcriptome assemblies of the Neotropical leaf-frog *Phyllomedusa bahiana*. 0
- 25 Current Genetic Structure Analysis of Leopard Cats Reveals a Weak Disparity Trend in Subpopulations in Beijing, China. **2022**, 11, 1478 0
- 24 Trait-based predictors of genomic diversity within freshwater fish communities of the Ozarks. 0
- 23 Strong population genomic structure of the toxic dinoflagellate *Alexandrium minutum* inferred from meta-transcriptome samples. 0
- 22 Population Genomics for Insect Conservation. **2023**, 11, 1
- 21 Migratory behavior is positively associated with genetic diversity in butterflies. 0
- 20 Genetic diversity of lacustrine populations of the snakehead gudgeon *Giuris laglaizei* (Gobiiformes: Eleotridae) in the Philippines based on mitochondrial DNA control region. 0
- 19 Target enrichment of long open reading frames and ultraconserved elements to link microevolution and macroevolution in non-model organisms. 0
- 18 A high-quality, haplotype-phased genome reconstruction reveals unexpected haplotype diversity in a pearl oyster. **2022**, 29, 0
- 17 Contrasting influence of seascape, space and marine reserves on genomic variation in multiple species. 0
- 16 Low genetic diversity in a widespread whistling alien: A comparison of *Eleutherodactylus johnstonei* Barbour, 1914 (Eleutherodactylidae) and congeners in native and introduced ranges. 79, 31-50 0
- 15 Gene expression response of the non-target gastropod *Physella acuta* to Fenoxycarb, a juvenile hormone analog pesticide. 0
- 14 Demographic changes and life-history strategies predict the genetic diversity in crabs. 0

- 13 Whole genome re-sequencing uncovers significant population structure and low genetic diversity in the endangered clouded apollo (*Parnassius mnemosyne*) in Sweden. ○
- 12 Spatial genetic differentiation correlates with species assemblage turnover across tropical reef fish lineages. ○
- 11 Genetic diversity and IUCN Red List status. ○
- 10 Neutral and adaptive genetic diversity in plants: An overview. 11, ○
- 9 A new codon adaptation metric predicts vertebrate body size and tendency to protein disorder. ○
- 8 Polygamy and purifying selection in birds. **2023**, 77, 276-288 ○
- 7 Determinants of genetic diversity in sticklebacks. ○
- 6 Mating systems and recombination landscape strongly shape genetic diversity and selection in wheat relatives. ○
- 5 Genome-wide phylogeography reveals cryptic speciation in the circumglobal planktonic calcifier *Limacina bulimoides*. ○
- 4 Gene expression response of the non-target gastropod *Physella acuta* to Fenoxycarb, a juvenile hormone analog pesticide. **2023**, 13, ○
- 3 Population transcriptomics uncover the relative roles of positive selection and differential expression in *Batrachium bungei* adaptation to the Qinghai-Tibetan plateau. ○
- 2 Comparative population genomics provide new insight into the evolutionary history and adaptive potential of World Ocean krill. ○
- 1 Genetic Diversity and Population Structure of *Coilia nasus* Revealed by 2b-RAD Sequencing. **2023**, 12, 600 ○