

# Wesley C Warren

## List of Publications by Citations

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155  
papers

17,338  
citations

59  
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164  
ext. papers

21,656  
ext. citations

15.7  
avg, IF

5.44  
L-index

#	Paper	IF	Citations
155	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , <b>2014</b> , 346, 1320-31	33.3	1182
154	Evolutionary and biomedical insights from the rhesus macaque genome. <i>Science</i> , <b>2007</b> , 316, 222-34	33.3	1072
153	A high-resolution map of human evolutionary constraint using 29 mammals. <i>Nature</i> , <b>2011</b> , 478, 476-82	50.4	802
152	The genome of a songbird. <i>Nature</i> , <b>2010</b> , 464, 757-62	50.4	655
151	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , <b>2014</b> , 346, 1311-20	33.3	628
150	The genome of the Western clawed frog <i>Xenopus tropicalis</i> . <i>Science</i> , <b>2010</b> , 328, 633-6	33.3	579
149	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , <b>2008</b> , 453, 175-83	50.4	545
148	Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , <b>2012</b> , 483, 169-75	50.4	517
147	A catalog of reference genomes from the human microbiome. <i>Science</i> , <b>2010</b> , 328, 994-9	33.3	508
146	Elephant shark genome provides unique insights into gnathostome evolution. <i>Nature</i> , <b>2014</b> , 505, 174-9	50.4	498
145	Sequencing of the sea lamprey ( <i>Petromyzon marinus</i> ) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , <b>2013</b> , 45, 415-21, 421e1-2	36.3	465
144	SNP discovery and allele frequency estimation by deep sequencing of reduced representation libraries. <i>Nature Methods</i> , <b>2008</b> , 5, 247-52	21.6	458
143	Comparative and demographic analysis of orang-utan genomes. <i>Nature</i> , <b>2011</b> , 469, 529-33	50.4	431
142	Mammalian Y chromosomes retain widely expressed dosage-sensitive regulators. <i>Nature</i> , <b>2014</b> , 508, 494-9	50.4	406
141	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms. <i>Nature</i> , <b>2004</b> , 432, 717-22	50.4	341
140	Comparison of genome degradation in Paratyphi A and Typhi, human-restricted serovars of <i>Salmonella enterica</i> that cause typhoid. <i>Nature Genetics</i> , <b>2004</b> , 36, 1268-74	36.3	308
139	Chimpanzee and human Y chromosomes are remarkably divergent in structure and gene content. <i>Nature</i> , <b>2010</b> , 463, 536-9	50.4	286

138	The genomic landscape of rapid repeated evolutionary adaptation to toxic pollution in wild fish. <i>Science</i> , <b>2016</b> , 354, 1305-1308	33.3	250
137	Gibbon genome and the fast karyotype evolution of small apes. <i>Nature</i> , <b>2014</b> , 513, 195-201	50.4	241
136	The duck genome and transcriptome provide insight into an avian influenza virus reservoir species. <i>Nature Genetics</i> , <b>2013</b> , 45, 776-783	36.3	240
135	The draft genome of the parasitic nematode <i>Trichinella spiralis</i> . <i>Nature Genetics</i> , <b>2011</b> , 43, 228-35	36.3	230
134	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14936-41	11.5	220
133	Characterizing the Major Structural Variant Alleles of the Human Genome. <i>Cell</i> , <b>2019</b> , 176, 663-675.e19	56.2	205
132	The Burmese python genome reveals the molecular basis for extreme adaptation in snakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 20645-50	11.5	203
131	The genome of the platyfish, <i>Xiphophorus maculatus</i> , provides insights into evolutionary adaptation and several complex traits. <i>Nature Genetics</i> , <b>2013</b> , 45, 567-72	36.3	201
130	Genome sequence of the tsetse fly ( <i>Glossina morsitans</i> ): vector of African trypanosomiasis. <i>Science</i> , <b>2014</b> , 344, 380-6	33.3	192
129	Sequencing the mouse Y chromosome reveals convergent gene acquisition and amplification on both sex chromosomes. <i>Cell</i> , <b>2014</b> , 159, 800-13	56.2	192
128	The genome sequence of the leaf-cutter ant <i>Atta cephalotes</i> reveals insights into its obligate symbiotic lifestyle. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002007	6	191
127	Comparative analysis of the domestic cat genome reveals genetic signatures underlying feline biology and domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 17230-5	11.5	184
126	Divergence and Functional Degradation of a Sex Chromosome-like Supergene. <i>Current Biology</i> , <b>2016</b> , 26, 344-50	6.3	183
125	Strict evolutionary conservation followed rapid gene loss on human and rhesus Y chromosomes. <i>Nature</i> , <b>2012</b> , 483, 82-6	50.4	181
124	Extensive error in the number of genes inferred from draft genome assemblies. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003998	5	180
123	High-resolution comparative analysis of great ape genomes. <i>Science</i> , <b>2018</b> , 360,	33.3	178
122	Convergent evolution of chicken Z and human X chromosomes by expansion and gene acquisition. <i>Nature</i> , <b>2010</b> , 466, 612-6	50.4	168
121	A physical map of the chicken genome. <i>Nature</i> , <b>2004</b> , 432, 761-4	50.4	166

120	Genome sequence of Cronobacter sakazakii BAA-894 and comparative genomic hybridization analysis with other Cronobacter species. <i>PLoS ONE</i> , <b>2010</b> , 5, e9556	3.7	166
119	Towards complete and error-free genome assemblies of all vertebrate species. <i>Nature</i> , <b>2021</b> , 592, 737-746.4	36.4	161
118	A New Chicken Genome Assembly Provides Insight into Avian Genome Structure. <i>G3: Genes, Genomes, Genetics</i> , <b>2017</b> , 7, 109-117	3.2	143
117	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , <b>2014</b> , 46, 261-269	36.3	139
116	Evolutionary toggling of the MAPT 17q21.31 inversion region. <i>Nature Genetics</i> , <b>2008</b> , 40, 1076-83	36.3	138
115	Evolutionary signals of selection on cognition from the great tit genome and methylome. <i>Nature Communications</i> , <b>2016</b> , 7, 10474	17.4	125
114	Independent specialization of the human and mouse X chromosomes for the male germ line. <i>Nature Genetics</i> , <b>2013</b> , 45, 1083-7	36.3	111
113	Defensins and the convergent evolution of platypus and reptile venom genes. <i>Genome Research</i> , <b>2008</b> , 18, 986-94	9.7	101
112	Single haplotype assembly of the human genome from a hydatidiform mole. <i>Genome Research</i> , <b>2014</b> , 24, 2066-76	9.7	98
111	Systems biology of the vervet monkey. <i>ILAR Journal</i> , <b>2013</b> , 54, 122-43	1.7	93
110	Avian W and mammalian Y chromosomes convergently retained dosage-sensitive regulators. <i>Nature Genetics</i> , <b>2017</b> , 49, 387-394	36.3	92
109	The genome of the vervet ( <i>Chlorocebus aethiops sabaeus</i> ). <i>Genome Research</i> , <b>2015</b> , 25, 1921-33	9.7	84
108	Convergence in feeding posture occurs through different genetic loci in independently evolved cave populations of <i>Astyanax mexicanus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16933-8	11.5	84
107	Specifying and sustaining pigmentation patterns in domestic and wild cats. <i>Science</i> , <b>2012</b> , 337, 1536-41	33.3	84
106	INTEGRATE: gene fusion discovery using whole genome and transcriptome data. <i>Genome Research</i> , <b>2016</b> , 26, 108-18	9.7	81
105	The role of gene flow in rapid and repeated evolution of cave-related traits in Mexican tetra, <i>Astyanax mexicanus</i> . <i>Molecular Ecology</i> , <b>2018</b> , 27, 4397-4416	5.7	77
104	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. <i>Nature Genetics</i> , <b>2017</b> , 49, 1705-1713	36.3	76
103	A RAD-tag genetic map for the platyfish ( <i>Xiphophorus maculatus</i> ) reveals mechanisms of karyotype evolution among teleost fish. <i>Genetics</i> , <b>2014</b> , 197, 625-41	4	68

102	High-coverage sequencing and annotated assemblies of the budgerigar genome. <i>GigaScience</i> , <b>2014</b> , 3, 11	7.6	67
101	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 841-852	12.3	65
100	The Physarum polycephalum Genome Reveals Extensive Use of Prokaryotic Two-Component and Metazoan-Type Tyrosine Kinase Signaling. <i>Genome Biology and Evolution</i> , <b>2015</b> , 8, 109-25	3.9	63
99	Antarctic blackfin icefish genome reveals adaptations to extreme environments. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 469-478	12.3	62
98	Generation and annotation of the DNA sequences of human chromosomes 2 and 4. <i>Nature</i> , <b>2005</b> , 434, 724-31	50.4	61
97	Clonal polymorphism and high heterozygosity in the celibate genome of the Amazon molly. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 669-679	12.3	60
96	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , <b>2015</b> , 145, 78-179	1.9	57
95	Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , <b>2016</b> , 26, 1312-1322	9.7	54
94	Developing tools for the study of molluscan immunity: The sequencing of the genome of the eastern oyster, <i>Crassostrea virginica</i> . <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 46, 2-4	4.3	49
93	Genomic analysis reveals hidden biodiversity within colugos, the sister group to primates. <i>Science Advances</i> , <b>2016</b> , 2, e1600633	14.3	49
92	Molecular Adaptations for Sensing and Securing Prey and Insight into Amniote Genome Diversity from the Garter Snake Genome. <i>Genome Biology and Evolution</i> , <b>2018</b> , 10, 2110-2129	3.9	48
91	Origin of INSL3-mediated testicular descent in therian mammals. <i>Genome Research</i> , <b>2008</b> , 18, 974-85	9.7	48
90	Construction and characterization of a new bovine bacterial artificial chromosome library with 10 genome-equivalent coverage. <i>Mammalian Genome</i> , <b>2000</b> , 11, 662-3	3.2	48
89	Glucose and insulin treatment of insulinoma cells results in transcriptional regulation of a common set of genes. <i>Diabetes</i> , <b>2004</b> , 53, 1496-508	0.9	46
88	Digital gene expression for non-model organisms. <i>Genome Research</i> , <b>2011</b> , 21, 1905-15	9.7	44
87	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. <i>Nature Genetics</i> , <b>2017</b> , 49, 1714-1721	36.3	43
86	A non-human primate system for large-scale genetic studies of complex traits. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 3307-16	5.6	43
85	Gene discovery and comparative analysis of X-degenerate genes from the domestic cat Y chromosome. <i>Genomics</i> , <b>2008</b> , 92, 329-38	4.3	43

84	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , <b>2019</b> , 20, 187	18.3	39
83	Profiling of gender-regulated gene transcripts in the filarial nematode <i>Brugia malayi</i> by cDNA oligonucleotide array analysis. <i>Molecular and Biochemical Parasitology</i> , <b>2005</b> , 143, 49-57	1.9	38
82	Towards complete and error-free genome assemblies of all vertebrate species		38
81	Joint MiRNA/mRNA expression profiling reveals changes consistent with development of dysfunctional corpus luteum after weight gain. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135163	3.7	37
80	Human-specific tandem repeat expansion and differential gene expression during primate evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 23243-23253	11.5	37
79	Sequencing strategies and characterization of 721 vervet monkey genomes for future genetic analyses of medically relevant traits. <i>BMC Biology</i> , <b>2015</b> , 13, 41	7.3	36
78	Proteomics and deep sequencing comparison of seasonally active venom glands in the platypus reveals novel venom peptides and distinct expression profiles. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1354-64	7.6	35
77	The landscape of extreme genomic variation in the highly adaptable Atlantic killifish. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 659-676	3.9	34
76	3D genomics across the tree of life reveals condensin II as a determinant of architecture type. <i>Science</i> , <b>2021</b> , 372, 984-989	33.3	33
75	Opsin Repertoire and Expression Patterns in Horseshoe Crabs: Evidence from the Genome of <i>Limulus polyphemus</i> (Arthropoda: Chelicerata). <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 1571-89	3.9	33
74	Physical Mapping and Refinement of the Painted Turtle Genome ( <i>Chrysemys picta</i> ) Inform Amniote Genome Evolution and Challenge Turtle-Bird Chromosomal Conservation. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 2038-50	3.9	32
73	A High-Resolution SNP Array-Based Linkage Map Anchors a New Domestic Cat Draft Genome Assembly and Provides Detailed Patterns of Recombination. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 1607-16	3.7	32
72	Transcriptome analysis of female and male <i>Xiphophorus maculatus</i> Jp 163 A. <i>PLoS ONE</i> , <b>2011</b> , 6, e18379	3.7	31
71	A limited role for gene duplications in the evolution of platypus venom. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 167-77	8.3	30
70	A new domestic cat genome assembly based on long sequence reads empowers feline genomic medicine and identifies a novel gene for dwarfism. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008926	6	29
69	Sequence diversity analyses of an improved rhesus macaque genome enhance its biomedical utility. <i>Science</i> , <b>2020</b> , 370,	33.3	28
68	The Novel Evolution of the Sperm Whale Genome. <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 3260-3264	3.9	27
67	Applications and efficiencies of the first cat 63K DNA array. <i>Scientific Reports</i> , <b>2018</b> , 8, 7024	4.9	26

66	To the Root of the Curl: A Signature of a Recent Selective Sweep Identifies a Mutation That Defines the Cornish Rex Cat Breed. <i>PLoS ONE</i> , <b>2013</b> , 8, e67105	3.7	26
65	A proposal to sequence the genome of a garter snake ( <i>Thamnophis sirtalis</i> ). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 257-70		24
64	Physical map-assisted whole-genome shotgun sequence assemblies. <i>Genome Research</i> , <b>2006</b> , 16, 768-75	9.7	24
63	Genome sequence of the basal haplorrhine primate <i>Tarsius syrichta</i> reveals unusual insertions. <i>Nature Communications</i> , <b>2016</b> , 7, 12997	17.4	22
62	Fosmid-based physical mapping of the <i>Histoplasma capsulatum</i> genome. <i>Genome Research</i> , <b>2004</b> , 14, 1603-9	9.7	20
61	The quail genome: insights into social behaviour, seasonal biology and infectious disease response. <i>BMC Biology</i> , <b>2020</b> , 18, 14	7.3	19
60	The roles of plasticity and evolutionary change in shaping gene expression variation in natural populations of extremophile fish. <i>Molecular Ecology</i> , <b>2017</b> , 26, 6384-6399	5.7	18
59	The <i>Cyprinodon variegatus</i> genome reveals gene expression changes underlying differences in skull morphology among closely related species. <i>BMC Genomics</i> , <b>2017</b> , 18, 424	4.5	18
58	Higher-order genome organization in platypus and chicken sperm and repositioning of sex chromosomes during mammalian evolution. <i>Chromosoma</i> , <b>2009</b> , 118, 53-69	2.8	18
57	<i>X. couchianus</i> and <i>X. hellerii</i> genome models provide genomic variation insight among <i>Xiphophorus</i> species. <i>BMC Genomics</i> , <b>2016</b> , 17, 37	4.5	18
56	The Genome and Adult Somatic Transcriptome of the Mormyrid Electric Fish <i>Paramormyrops kingsleyae</i> . <i>Genome Biology and Evolution</i> , <b>2017</b> , 9, 3525-3530	3.9	16
55	A 3-way hybrid approach to generate a new high-quality chimpanzee reference genome ( <i>Pan_tro_3.0</i> ). <i>GigaScience</i> , <b>2017</b> , 6, 1-6	7.6	16
54	Complexities of gene expression patterns in natural populations of an extremophile fish ( <i>Poecilia mexicana</i> , <i>Poeciliidae</i> ). <i>Molecular Ecology</i> , <b>2017</b> , 26, 4211-4225	5.7	15
53	Evolution of gene regulation in ruminants differs between evolutionary breakpoint regions and homologous synteny blocks. <i>Genome Research</i> , <b>2019</b> , 29, 576-589	9.7	15
52	Mutations in the Kinesin-2 Motor <i>KIF3B</i> Cause an Autosomal-Dominant Ciliopathy. <i>American Journal of Human Genetics</i> , <b>2020</b> , 106, 893-904	11	14
51	Echidna venom gland transcriptome provides insights into the evolution of monotreme venom. <i>PLoS ONE</i> , <b>2013</b> , 8, e79092	3.7	14
50	The genomics of ecological flexibility, large brains, and long lives in capuchin monkeys revealed with fecalFACS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	14
49	Long-term experimental hybridisation results in the evolution of a new sex chromosome in swordtail fish. <i>Nature Communications</i> , <b>2018</b> , 9, 5136	17.4	14

48	Whole Body Melanoma Transcriptome Response in Medaka. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143057	3.7	13
47	Characterizing the chromosomes of the platypus ( <i>Ornithorhynchus anatinus</i> ). <i>Chromosome Research</i> , <b>2007</b> , 15, 961-74	4.4	13
46	Increased production of peptide deformylase eliminates retention of formylmethionine in bovine somatotropin overproduced in <i>Escherichia coli</i> . <i>Gene</i> , <b>1996</b> , 174, 235-8	3.8	13
45	A chromosome-level genome of <i>Astyanax mexicanus</i> surface fish for comparing population-specific genetic differences contributing to trait evolution. <i>Nature Communications</i> , <b>2021</b> , 12, 1447	17.4	13
44	A guinea fowl genome assembly provides new evidence on evolution following domestication and selection in galliformes. <i>Molecular Ecology Resources</i> , <b>2019</b> , 19, 997-1014	8.4	11
43	Identification and analysis of divergent immune gene families within the Tasmanian devil genome. <i>BMC Genomics</i> , <b>2015</b> , 16, 1017	4.5	10
42	Response to Hron et al. <i>Genome Biology</i> , <b>2015</b> , 16, 165	18.3	10
41	The Developmental and Genetic Architecture of the Sexually Selected Male Ornament of Swordtails. <i>Current Biology</i> , <b>2021</b> , 31, 911-922.e4	6.3	10
40	Molecular genetic analysis of the melanoma regulatory locus in <i>Xiphophorus</i> interspecies hybrids. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1935-1944	5	9
39	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , <b>2021</b> , 19, 41	7.3	9
38	Patterns of Genome-Wide Variation in <i>Glossina fuscipes fuscipes</i> Tsetse Flies from Uganda. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 1573-84	3.2	9
37	Germ cell and tumor associated piRNAs in the medaka and <i>Xiphophorus</i> melanoma models. <i>BMC Genomics</i> , <b>2016</b> , 17, 357	4.5	9
36	A proteinaceous organic matrix regulates carbonate mineral production in the marine teleost intestine. <i>Scientific Reports</i> , <b>2016</b> , 6, 34494	4.9	8
35	Venkatesh et al. reply. <i>Nature</i> , <b>2014</b> , 511, E9-10	50.4	8
34	Expression signatures of early-stage and advanced medaka melanomas. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2018</b> , 208, 20-28	3.2	8
33	Tsetse fly ( <i>Glossina pallidipes</i> ) midgut responses to <i>Trypanosoma brucei</i> challenge. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 614	4	7
32	Comparison of <i>Xiphophorus</i> and human melanoma transcriptomes reveals conserved pathway interactions. <i>Pigment Cell and Melanoma Research</i> , <b>2018</b> , 31, 496-508	4.5	7
31	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. <i>Genome Biology and Evolution</i> , <b>2019</b> , 11, 2099-2106	3.9	7



30	Dramatic changes in gene expression in different forms of <i>Crithidia fasciculata</i> reveal potential mechanisms for insect-specific adhesion in kinetoplastid parasites. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007570	4.8	7
29	A Resource of Genome-Wide Single Nucleotide Polymorphisms (Snps) for the Conservation and Management of Golden Eagles. <i>Journal of Raptor Research</i> , <b>2017</b> , 51, 368-377	0.9	6
28	Sequence analysis in reveals pervasiveness of X-Y arms races in mammalian lineages. <i>Genome Research</i> , <b>2020</b> , 30, 1716-1726	9.7	6
27	Expression Signatures of Cisplatin- and Trametinib-Treated Early-Stage Medaka Melanomas. <i>G3: Genes, Genomes, Genetics</i> , <b>2019</b> , 9, 2267-2276	3.2	5
26	Diversity of Immunoglobulin Light Chain Genes in Non-Teleost Ray-Finned Fish Uncovers IgL Subdivision into Five Ancient Isotypes. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1079	8.4	5
25	Cloning of the cDNAs coding for cat growth hormone and prolactin. <i>Gene</i> , <b>1996</b> , 168, 247-9	3.8	5
24	Ultracontinuous Single Haplotype Genome Assemblies for the Domestic Cat ( <i>Felis catus</i> ) and Asian Leopard Cat ( <i>Prionailurus bengalensis</i> ). <i>Journal of Heredity</i> , <b>2021</b> , 112, 165-173	2.4	5
23	Building and Improving Reference Genome Assemblies. <i>Proceedings of the IEEE</i> , <b>2017</b> , 1-14	14.3	4
22	Basal vertebrates clarify the evolutionary history of ciliopathy-associated genes <i>Tmem138</i> and <i>Tmem216</i> . <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 62-5	8.3	4
21	A 50K SNP array reveals genetic structure for bald eagles ( <i>Haliaeetus leucocephalus</i> ). <i>Conservation Genetics</i> , <b>2020</b> , 21, 65-76	2.6	4
20	Chromosome-scale genome assembly of the sea louse <i>Caligus rogercresseyi</i> by SMRT sequencing and Hi-C analysis. <i>Scientific Data</i> , <b>2021</b> , 8, 60	8.2	4
19	Gene expression variation and parental allele inheritance in a <i>Xiphophorus</i> interspecies hybridization model. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007875	6	4
18	On the origin of SSCP genes. <i>Evolution &amp; Development</i> , <b>2014</b> , 16, 125-6	2.6	3
17	Mining the 99 Lives Cat Genome Sequencing Consortium database implicates genes and variants for the Ticked locus in domestic cats ( <i>Felis tatus</i> ). <i>Animal Genetics</i> , <b>2021</b> , 52, 321-332	2.5	3
16	A domestic cat whole exome sequencing resource for trait discovery. <i>Scientific Reports</i> , <b>2021</b> , 11, 7159	4.9	3
15	Epigenetic Regulation of Cancer Immune Cells. <i>Seminars in Cancer Biology</i> , <b>2021</b> ,	12.7	3
14	Fixation of allelic gene expression landscapes and expression bias pattern shape the transcriptome of the clonal Amazon molly. <i>Genome Research</i> , <b>2021</b> , 31, 372-379	9.7	3
13	Neuronal Ceroid Lipofuscinosis in a Domestic Cat Associated with a DNA Sequence Variant That Creates a Premature Stop Codon in. <i>G3: Genes, Genomes, Genetics</i> , <b>2020</b> , 10, 2741-2751	3.2	2

12	The enigma of the platypus genome. <i>Australian Journal of Zoology</i> , <b>2009</b> , 57, 157	0.5	2
11	The evolution of ecological flexibility, large brains, and long lives: capuchin monkey genomics revealed with fecalFACS		2
10	The practical use of genome sequencing data in the management of a feline colony pedigree. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 225	2.7	1
9	No bull: upholding community standards in public sharing of biological datasets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E4277	11.5	1
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7	Tumorigenic circulating tumor cells from xenograft mouse models of non-metastatic NSCLC patients reveal distinct single cell heterogeneity and drug responses.. <i>Molecular Cancer</i> , <b>2022</b> , 21, 73	42.1	1
6	The Evolution of Viviparity in Vertebrates. <i>Advances in Anatomy, Embryology and Cell Biology</i> , <b>2021</b> , 234, 7-19	1.2	0
5	Explainable artificial intelligence in high-throughput drug repositioning for subgroup stratifications with interventionable potential. <i>Journal of Biomedical Informatics</i> , <b>2021</b> , 118, 103792	10.2	0
4	Genome Assemblies across the Diverse Evolutionary Spectrum of Protozoan Parasites. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10, e0054521	1.3	0
3	Avian genomics <b>2022</b> , 7-16		
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