

Wesley C Warren

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

155
papers

17,338
citations

59
h-index

131
g-index

164
ext. papers

21,656
ext. citations

15.7
avg, IF

5.44
L-index

#	Paper	IF	Citations
155	Single Circulating-Tumor-Cell-Targeted Sequencing to Identify Somatic Variants in Liquid Biopsies in Non-Small-Cell Lung Cancer Patients. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 750-763	2.9	1
154	Avian genomics 2022 , 7-16		
153	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> , 2022 , 21, 73	42.1	1
152	The Evolution of Viviparity in Vertebrates. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2021 , 234, 7-19	1.2	0
151	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> , 2021 , 112, 165-173	2.4	5
150	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> , 2021 , 19, 41	7.3	9
149	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> , 2021 , 52, 321-332	2.5	3
148	A domestic cat whole exome sequencing resource for trait discovery. <i>Scientific Reports</i> , 2021 , 11, 7159	4.9	3
147	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> , 2021 , 12, 1447	17.4	13
146	Towards complete and error-free genome assemblies of all vertebrate species. <i>Nature</i> , 2021 , 592, 737-746	46.4	161
145	3D genomics across the tree of life reveals condensin II as a determinant of architecture type. <i>Science</i> , 2021 , 372, 984-989	33.3	33
144	Explainable artificial intelligence in high-throughput drug repositioning for subgroup stratifications with interventionable potential. <i>Journal of Biomedical Informatics</i> , 2021 , 118, 103792	10.2	0
143	Epigenetic Regulation of Cancer Immune Cells. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	3
142	The Developmental and Genetic Architecture of the Sexually Selected Male Ornament of Swordtails. <i>Current Biology</i> , 2021 , 31, 911-922.e4	6.3	10
141	Fixation of allelic gene expression landscapes and expression bias pattern shape the transcriptome of the clonal Amazon molly. <i>Genome Research</i> , 2021 , 31, 372-379	9.7	3
140	Chromosome-scale genome assembly of the sea louse <i>Caligus rogercresseyi</i> by SMRT sequencing and Hi-C analysis. <i>Scientific Data</i> , 2021 , 8, 60	8.2	4
139	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> , 2021 , 118,	11.5	14

138	Genome Assemblies across the Diverse Evolutionary Spectrum of Protozoan Parasites. <i>Microbiology Resource Announcements</i> , 2021 , 10, e0054521	1.3	0
137	Mutations in the Kinesin-2 Motor KIF3B Cause an Autosomal-Dominant Ciliopathy. <i>American Journal of Human Genetics</i> , 2020 , 106, 893-904	11	14
136	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> , 2020 , 10, 2741-2751	3.2	2
135	The quail genome: insights into social behaviour, seasonal biology and infectious disease response. <i>BMC Biology</i> , 2020 , 18, 14	7.3	19
134	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , 2020 , 4, 841-852	12.3	65
133	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> , 2020 , 16, e1008926	6	29
132	A 50K SNP array reveals genetic structure for bald eagles (<i>Haliaeetus leucocephalus</i>). <i>Conservation Genetics</i> , 2020 , 21, 65-76	2.6	4
131	Global assessment of organ specific basal gene expression over a diurnal cycle with analyses of gene copies exhibiting cyclic expression patterns. <i>BMC Genomics</i> , 2020 , 21, 787	4.5	
130	Sequence diversity analyses of an improved rhesus macaque genome enhance its biomedical utility. <i>Science</i> , 2020 , 370,	33.3	28
129	Sequence analysis in reveals pervasiveness of X-Y arms races in mammalian lineages. <i>Genome Research</i> , 2020 , 30, 1716-1726	9.7	6
128	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019 , 20, 187	18.3	39
127	Expression Signatures of Cisplatin- and Trametinib-Treated Early-Stage Medaka Melanomas. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 2267-2276	3.2	5
126	A guinea fowl genome assembly provides new evidence on evolution following domestication and selection in galliformes. <i>Molecular Ecology Resources</i> , 2019 , 19, 997-1014	8.4	11
125	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. <i>Genome Biology and Evolution</i> , 2019 , 11, 2099-2106	3.9	7
124	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> , 2019 , 13, e0007570	4.8	7
123	Antarctic blackfin icefish genome reveals adaptations to extreme environments. <i>Nature Ecology and Evolution</i> , 2019 , 3, 469-478	12.3	62
122	Evolution of gene regulation in ruminants differs between evolutionary breakpoint regions and homologous synteny blocks. <i>Genome Research</i> , 2019 , 29, 576-589	9.7	15
121	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> , 2019 , 116, 23243-23253	11.5	37

120	Characterizing the Major Structural Variant Alleles of the Human Genome. <i>Cell</i> , 2019 , 176, 663-675.e19	56.2	205
119	Clonal polymorphism and high heterozygosity in the celibate genome of the Amazon molly. <i>Nature Ecology and Evolution</i> , 2018 , 2, 669-679	12.3	60
118	Comparison of Xiphophorus and human melanoma transcriptomes reveals conserved pathway interactions. <i>Pigment Cell and Melanoma Research</i> , 2018 , 31, 496-508	4.5	7
117	Molecular Adaptations for Sensing and Securing Prey and Insight into Amniote Genome Diversity from the Garter Snake Genome. <i>Genome Biology and Evolution</i> , 2018 , 10, 2110-2129	3.9	48
116	Diversity of Immunoglobulin Light Chain Genes in Non-Teleost Ray-Finned Fish Uncovers IgL Subdivision into Five Ancient Isotypes. <i>Frontiers in Immunology</i> , 2018 , 9, 1079	8.4	5
115	Applications and efficiencies of the first cat 63K DNA array. <i>Scientific Reports</i> , 2018 , 8, 7024	4.9	26
114	High-resolution comparative analysis of great ape genomes. <i>Science</i> , 2018 , 360,	33.3	178
113	Expression signatures of early-stage and advanced medaka melanomas. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018 , 208, 20-28	3.2	8
112	Gene expression variation and parental allele inheritance in a Xiphophorus interspecies hybridization model. <i>PLoS Genetics</i> , 2018 , 14, e1007875	6	4
111	Long-term experimental hybridisation results in the evolution of a new sex chromosome in swordtail fish. <i>Nature Communications</i> , 2018 , 9, 5136	17.4	14
110	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> , 2018 , 27, 4397-4416	5.7	77
109	Avian W and mammalian Y chromosomes convergently retained dosage-sensitive regulators. <i>Nature Genetics</i> , 2017 , 49, 387-394	36.3	92
108	Building and Improving Reference Genome Assemblies. <i>Proceedings of the IEEE</i> , 2017 , 1-14	14.3	4
107	Complexities of gene expression patterns in natural populations of an extremophile fish (<i>Poecilia mexicana</i> , Poeciliidae). <i>Molecular Ecology</i> , 2017 , 26, 4211-4225	5.7	15
106	A New Chicken Genome Assembly Provides Insight into Avian Genome Structure. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 109-117	3.2	143
105	Molecular genetic analysis of the melanoma regulatory locus in Xiphophorus interspecies hybrids. <i>Molecular Carcinogenesis</i> , 2017 , 56, 1935-1944	5	9
104	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. <i>Nature Genetics</i> , 2017 , 49, 1705-1713	36.3	76
103	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. <i>Nature Genetics</i> , 2017 , 49, 1714-1721	36.3	43

102	A Resource of Genome-Wide Single Nucleotide Polymorphisms (Snps) for the Conservation and Management of Golden Eagles. <i>Journal of Raptor Research</i> , 2017 , 51, 368-377	0.9	6
101	The practical use of genome sequencing data in the management of a feline colony pedigree. <i>BMC Veterinary Research</i> , 2017 , 13, 225	2.7	1
100	Tsetse fly (<i>Glossina pallidipes</i>) midgut responses to <i>Trypanosoma brucei</i> challenge. <i>Parasites and Vectors</i> , 2017 , 10, 614	4	7
99	The roles of plasticity and evolutionary change in shaping gene expression variation in natural populations of extremophile fish. <i>Molecular Ecology</i> , 2017 , 26, 6384-6399	5.7	18
98	The <i>Cyprinodon variegatus</i> genome reveals gene expression changes underlying differences in skull morphology among closely related species. <i>BMC Genomics</i> , 2017 , 18, 424	4.5	18
97	The Novel Evolution of the Sperm Whale Genome. <i>Genome Biology and Evolution</i> , 2017 , 9, 3260-3264	3.9	27
96	The landscape of extreme genomic variation in the highly adaptable Atlantic killifish. <i>Genome Biology and Evolution</i> , 2017 , 9, 659-676	3.9	34
95	The Genome and Adult Somatic Transcriptome of the Mormyrid Electric Fish <i>Paramormyrops kingsleyae</i> . <i>Genome Biology and Evolution</i> , 2017 , 9, 3525-3530	3.9	16
94	A 3-way hybrid approach to generate a new high-quality chimpanzee reference genome (Pan_tro_3.0). <i>GigaScience</i> , 2017 , 6, 1-6	7.6	16
93	Genome sequence of the basal haplorrhine primate <i>Tarsius syrichta</i> reveals unusual insertions. <i>Nature Communications</i> , 2016 , 7, 12997	17.4	22
92	Genomic analysis reveals hidden biodiversity within colugos, the sister group to primates. <i>Science Advances</i> , 2016 , 2, e1600633	14.3	49
91	A proteinaceous organic matrix regulates carbonate mineral production in the marine teleost intestine. <i>Scientific Reports</i> , 2016 , 6, 34494	4.9	8
90	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> , 2016 , 6, 1607-1632	3.2	32
89	Evolutionary signals of selection on cognition from the great tit genome and methylome. <i>Nature Communications</i> , 2016 , 7, 10474	17.4	125
88	Divergence and Functional Degradation of a Sex Chromosome-like Supergene. <i>Current Biology</i> , 2016 , 26, 344-50	6.3	183
87	INTEGRATE: gene fusion discovery using whole genome and transcriptome data. <i>Genome Research</i> , 2016 , 26, 108-18	9.7	81
86	Patterns of Genome-Wide Variation in <i>Glossina fuscipes fuscipes</i> Tsetse Flies from Uganda. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 1573-84	3.2	9
85	The genomic landscape of rapid repeated evolutionary adaptation to toxic pollution in wild fish. <i>Science</i> , 2016 , 354, 1305-1308	33.3	250

84	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> , 2016 , 8, 1571-89	3.9	33
83	Germ cell and tumor associated piRNAs in the medaka and Xiphophorus melanoma models. <i>BMC Genomics</i> , 2016 , 17, 357	4.5	9
82	<i>X. couchianus</i> and <i>X. hellerii</i> genome models provide genomic variation insight among Xiphophorus species. <i>BMC Genomics</i> , 2016 , 17, 37	4.5	18
81	Pangolin genomes and the evolution of mammalian scales and immunity. <i>Genome Research</i> , 2016 , 26, 1312-1322	9.7	54
80	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> , 2015 , 46, 2-4	4.3	49
79	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015 , 145, 78-179	1.9	57
78	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> , 2015 , 7, 2038-50	3.9	32
77	Sequencing strategies and characterization of 721 vervet monkey genomes for future genetic analyses of medically relevant traits. <i>BMC Biology</i> , 2015 , 13, 41	7.3	36
76	The genome of the vervet (<i>Chlorocebus aethiops sabaeus</i>). <i>Genome Research</i> , 2015 , 25, 1921-33	9.7	84
75	The <i>Physarum polycephalum</i> Genome Reveals Extensive Use of Prokaryotic Two-Component and Metazoan-Type Tyrosine Kinase Signaling. <i>Genome Biology and Evolution</i> , 2015 , 8, 109-25	3.9	63
74	Identification and analysis of divergent immune gene families within the Tasmanian devil genome. <i>BMC Genomics</i> , 2015 , 16, 1017	4.5	10
73	Response to Hron et al. <i>Genome Biology</i> , 2015 , 16, 165	18.3	10
72	Whole Body Melanoma Transcriptome Response in Medaka. <i>PLoS ONE</i> , 2015 , 10, e0143057	3.7	13
71	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> , 2015 , 112, 14936-41	11.5	220
70	Joint MiRNA/mRNA expression profiling reveals changes consistent with development of dysfunctional corpus luteum after weight gain. <i>PLoS ONE</i> , 2015 , 10, e0135163	3.7	37
69	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , 2014 , 46, 261-269	36.3	139
68	Mammalian Y chromosomes retain widely expressed dosage-sensitive regulators. <i>Nature</i> , 2014 , 508, 494-9	50.4	406
67	Genome sequence of the tsetse fly (<i>Glossina morsitans</i>): vector of African trypanosomiasis. <i>Science</i> , 2014 , 344, 380-6	33.3	192

66	Elephant shark genome provides unique insights into gnathostome evolution. <i>Nature</i> , 2014 , 505, 174-9	50.4	498
65	Sequencing the mouse Y chromosome reveals convergent gene acquisition and amplification on both sex chromosomes. <i>Cell</i> , 2014 , 159, 800-13	56.2	192
64	Single haplotype assembly of the human genome from a hydatidiform mole. <i>Genome Research</i> , 2014 , 24, 2066-76	9.7	98
63	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> , 2014 , 111, 17230-5	11.5	184
62	A RAD-tag genetic map for the platyfish (<i>Xiphophorus maculatus</i>) reveals mechanisms of karyotype evolution among teleost fish. <i>Genetics</i> , 2014 , 197, 625-41	4	68
61	High-coverage sequencing and annotated assemblies of the budgerigar genome. <i>GigaScience</i> , 2014 , 3, 11	7.6	67
60	Gibbon genome and the fast karyotype evolution of small apes. <i>Nature</i> , 2014 , 513, 195-201	50.4	241
59	On the origin of SSCP genes. <i>Evolution & Development</i> , 2014 , 16, 125-6	2.6	3
58	Extensive error in the number of genes inferred from draft genome assemblies. <i>PLoS Computational Biology</i> , 2014 , 10, e1003998	5	180
57	Venkatesh et al. reply. <i>Nature</i> , 2014 , 511, E9-10	50.4	8
56	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014 , 346, 1320-31	33.3	1182
55	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014 , 346, 1311-20	33.3	628
54	Comparative analysis of cancer driver genes between human and six non-human primates (LB182). <i>FASEB Journal</i> , 2014 , 28, LB182	0.9	
53	Independent specialization of the human and mouse X chromosomes for the male germ line. <i>Nature Genetics</i> , 2013 , 45, 1083-7	36.3	111
52	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> , 2013 , 110, 16933-8	11.5	84
51	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> , 2013 , 110, 20645-50	11.5	203
50	Sequencing of the sea lamprey (<i>Petromyzon marinus</i>) genome provides insights into vertebrate evolution. <i>Nature Genetics</i> , 2013 , 45, 415-21, 421e1-2	36.3	465
49	The duck genome and transcriptome provide insight into an avian influenza virus reservoir species. <i>Nature Genetics</i> , 2013 , 45, 776-783	36.3	240

48	The genome of the platyfish, <i>Xiphophorus maculatus</i> , provides insights into evolutionary adaptation and several complex traits. <i>Nature Genetics</i> , 2013 , 45, 567-72	36.3	201
47	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> , 2013 , 110, E4277	11.5	1
46	Systems biology of the vervet monkey. <i>ILAR Journal</i> , 2013 , 54, 122-43	1.7	93
45	Basal vertebrates clarify the evolutionary history of ciliopathy-associated genes Tmem138 and Tmem216. <i>Molecular Biology and Evolution</i> , 2013 , 30, 62-5	8.3	4
44	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> , 2013 , 8, e67105	3.7	26
43	Echidna venom gland transcriptome provides insights into the evolution of monotreme venom. <i>PLoS ONE</i> , 2013 , 8, e79092	3.7	14
42	Strict evolutionary conservation followed rapid gene loss on human and rhesus Y chromosomes. <i>Nature</i> , 2012 , 483, 82-6	50.4	181
41	Specifying and sustaining pigmentation patterns in domestic and wild cats. <i>Science</i> , 2012 , 337, 1536-41	33.3	84
40	Insights into hominid evolution from the gorilla genome sequence. <i>Nature</i> , 2012 , 483, 169-75	50.4	517
39	A limited role for gene duplications in the evolution of platypus venom. <i>Molecular Biology and Evolution</i> , 2012 , 29, 167-77	8.3	30
38	A non-human primate system for large-scale genetic studies of complex traits. <i>Human Molecular Genetics</i> , 2012 , 21, 3307-16	5.6	43
37	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> , 2012 , 11, 1354-64	7.6	35
36	Transcriptome analysis of female and male <i>Xiphophorus maculatus</i> Jp 163 A. <i>PLoS ONE</i> , 2011 , 6, e18379	3.7	31
35	A proposal to sequence the genome of a garter snake (<i>Thamnophis sirtalis</i>). <i>Standards in Genomic Sciences</i> , 2011 , 4, 257-70		24
34	The draft genome of the parasitic nematode <i>Trichinella spiralis</i> . <i>Nature Genetics</i> , 2011 , 43, 228-35	36.3	230
33	Comparative and demographic analysis of orang-utan genomes. <i>Nature</i> , 2011 , 469, 529-33	50.4	431
32	A high-resolution map of human evolutionary constraint using 29 mammals. <i>Nature</i> , 2011 , 478, 476-82	50.4	802
31	Digital gene expression for non-model organisms. <i>Genome Research</i> , 2011 , 21, 1905-15	9.7	44

30	The genome sequence of the leaf-cutter ant <i>Atta cephalotes</i> reveals insights into its obligate symbiotic lifestyle. <i>PLoS Genetics</i> , 2011 , 7, e1002007	6	191
29	Chimpanzee and human Y chromosomes are remarkably divergent in structure and gene content. <i>Nature</i> , 2010 , 463, 536-9	50.4	286
28	The genome of a songbird. <i>Nature</i> , 2010 , 464, 757-62	50.4	655
27	The genome of the Western clawed frog <i>Xenopus tropicalis</i> . <i>Science</i> , 2010 , 328, 633-6	33.3	579
26	Convergent evolution of chicken Z and human X chromosomes by expansion and gene acquisition. <i>Nature</i> , 2010 , 466, 612-6	50.4	168
25	A catalog of reference genomes from the human microbiome. <i>Science</i> , 2010 , 328, 994-9	33.3	508
24	Genome sequence of <i>Cronobacter sakazakii</i> BAA-894 and comparative genomic hybridization analysis with other <i>Cronobacter</i> species. <i>PLoS ONE</i> , 2010 , 5, e9556	3.7	166
23	Higher-order genome organization in platypus and chicken sperm and repositioning of sex chromosomes during mammalian evolution. <i>Chromosoma</i> , 2009 , 118, 53-69	2.8	18
22	The enigma of the platypus genome. <i>Australian Journal of Zoology</i> , 2009 , 57, 157	0.5	2
21	Genome analysis of the platypus reveals unique signatures of evolution. <i>Nature</i> , 2008 , 453, 175-83	50.4	545
20	Evolutionary toggling of the MAPT 17q21.31 inversion region. <i>Nature Genetics</i> , 2008 , 40, 1076-83	36.3	138
19	SNP discovery and allele frequency estimation by deep sequencing of reduced representation libraries. <i>Nature Methods</i> , 2008 , 5, 247-52	21.6	458
18	Gene discovery and comparative analysis of X-degenerate genes from the domestic cat Y chromosome. <i>Genomics</i> , 2008 , 92, 329-38	4.3	43
17	Defensins and the convergent evolution of platypus and reptile venom genes. <i>Genome Research</i> , 2008 , 18, 986-94	9.7	101
16	Origin of INSL3-mediated testicular descent in therian mammals. <i>Genome Research</i> , 2008 , 18, 974-85	9.7	48
15	Evolutionary and biomedical insights from the rhesus macaque genome. <i>Science</i> , 2007 , 316, 222-34	33.3	1072
14	Characterizing the chromosomes of the platypus (<i>Ornithorhynchus anatinus</i>). <i>Chromosome Research</i> , 2007 , 15, 961-74	4.4	13
13	Physical map-assisted whole-genome shotgun sequence assemblies. <i>Genome Research</i> , 2006 , 16, 768-75	9.7	24

12	Generation and annotation of the DNA sequences of human chromosomes 2 and 4. <i>Nature</i> , 2005 , 434, 724-31	50.4	61
11	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> , 2005 , 143, 49-57	1.9	38
10	Glucose and insulin treatment of insulinoma cells results in transcriptional regulation of a common set of genes. <i>Diabetes</i> , 2004 , 53, 1496-508	0.9	46
9	Fosmid-based physical mapping of the <i>Histoplasma capsulatum</i> genome. <i>Genome Research</i> , 2004 , 14, 1603-9	9.7	20
8	Comparison of genome degradation in Paratyphi A and Typhi, human-restricted serovars of <i>Salmonella enterica</i> that cause typhoid. <i>Nature Genetics</i> , 2004 , 36, 1268-74	36.3	308
7	A physical map of the chicken genome. <i>Nature</i> , 2004 , 432, 761-4	50.4	166
6	A genetic variation map for chicken with 2.8 million single-nucleotide polymorphisms. <i>Nature</i> , 2004 , 432, 717-22	50.4	341
5	Construction and characterization of a new bovine bacterial artificial chromosome library with 10 genome-equivalent coverage. <i>Mammalian Genome</i> , 2000 , 11, 662-3	3.2	48
4	Cloning of the cDNAs coding for cat growth hormone and prolactin. <i>Gene</i> , 1996 , 168, 247-9	3.8	5
3	Increased production of peptide deformylase eliminates retention of formylmethionine in bovine somatotropin overproduced in <i>Escherichia coli</i> . <i>Gene</i> , 1996 , 174, 235-8	3.8	13
2	Towards complete and error-free genome assemblies of all vertebrate species		38
1	The evolution of ecological flexibility, large brains, and long lives: capuchin monkey genomics revealed with fecalFACS		2