

# Mark S Springer

## List of Publications by Year in Descending Order

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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.

137 papers	12,925 citations	52 h-index	113 g-index
143 ext. papers	14,480 ext. citations	8.5 avg, IF	6.38 L-index

#	Paper	IF	Citations
137	Afrotheria.. <i>Current Biology</i> , <b>2022</b> , 32, R205-R210	6.3	
136	Molecular Evolutionary Analyses of Tooth Genes Support Sequential Loss of Enamel and Teeth in Baleen Whales (Mysticeti).. <i>Molecular Phylogenetics and Evolution</i> , <b>2022</b> , 107463	4.1	0
135	Contradictory Phylogenetic Signals in the Laurasiatheria Anomaly Zone. <i>Genes</i> , <b>2022</b> , 13, 766	4.2	1
134	Gene-tree misrooting drives conflicts in phylogenomic coalescent analyses of palaeognath birds. <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 167, 107344	4.1	4
133	Theoretical and practical considerations when using retroelement insertions to estimate species trees in the anomaly zone. <i>Systematic Biology</i> , <b>2021</b> ,	8.4	3
132	Speciation in the deep: genomics and morphology reveal a new species of beaked whale. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20211213	4.4	5
131	Myoglobin primary structure reveals multiple convergent transitions to semi-aquatic life in the world's smallest mammalian divers. <i>ELife</i> , <b>2021</b> , 10,	8.9	3
130	Genomic and anatomical comparisons of skin support independent adaptation to life in water by cetaceans and hippos. <i>Current Biology</i> , <b>2021</b> , 31, 2124-2139.e3	6.3	10
129	Phylogenomics and the Genetic Architecture of the Placental Mammal Radiation. <i>Annual Review of Animal Biosciences</i> , <b>2021</b> , 9, 29-53	13.7	9
128	The effects of fossil taxa, hypothetical predicted ancestors, and a molecular scaffold on pseudoextinction analyses of extant placental orders. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257338	3.7	1
127	ILS-Aware Analysis of Low-Homoplasmy Retroelement Insertions: Inference of Species Trees and Introgression Using Quartets. <i>Journal of Heredity</i> , <b>2020</b> , 111, 147-168	2.4	18
126	Genes lost during the transition from land to water in cetaceans highlight genomic changes associated with aquatic adaptations. <i>Science Advances</i> , <b>2019</b> , 5, eaaw6671	14.3	50
125	Odontogenic ameloblast-associated (ODAM) is inactivated in toothless/enamelless placental mammals and toothed whales. <i>BMC Evolutionary Biology</i> , <b>2019</b> , 19, 31	3	12
124	Partitioned coalescence support reveals biases in species-tree methods and detects gene trees that determine phylogenomic conflicts. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 139, 106539	4.1	17
123	Emergence of a Chimeric Globin Pseudogene and Increased Hemoglobin Oxygen Affinity Underlie the Evolution of Aquatic Specializations in Sirenia. <i>Molecular Biology and Evolution</i> , <b>2019</b> , 36, 1134-1147	8.3	1
122	How conflict shapes evolution in poeciliid fishes. <i>Nature Communications</i> , <b>2019</b> , 10, 3335	17.4	16
121	Evolutionary Models for the Diversification of Placental Mammals Across the KPg Boundary. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 1241	4.5	20

120	In love and war: The morphometric and phylogenetic basis of ornamentation, and the evolution of male display behavior, in the livebearer genus <i>Poecilia</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2019</b> , 73, 360-377	3.8	8
119	Gene-wise resampling outperforms site-wise resampling in phylogenetic coalescence analyses. <i>Molecular Phylogenetics and Evolution</i> , <b>2019</b> , 131, 80-92	4.1	18
118	Evolution of the MC5R gene in placental mammals with evidence for its inactivation in multiple lineages that lack sebaceous glands. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 120, 364-374	4.1	21
117	Appropriate fossil calibrations and tree constraints uphold the Mesozoic divergence of solenodons from other extant mammals. <i>Molecular Phylogenetics and Evolution</i> , <b>2018</b> , 121, 158-165	4.1	19
116	Pinniped Diphyly and Bat Triphyly: More Homology Errors Drive Conflicts in the Mammalian Tree. <i>Journal of Heredity</i> , <b>2018</b> , 109, 297-307	2.4	9
115	Delimiting Coalescence Genes (C-Genes) in Phylogenomic Data Sets. <i>Genes</i> , <b>2018</b> , 9,	4.2	20
114	On the Illogic of Coalescence Simulations for Distinguishing the Causes of Conflict among Gene Trees. <i>Journal of Phylogenetics &amp; Evolutionary Biology</i> , <b>2018</b> , 06,		2
113	On the importance of homology in the age of phylogenomics. <i>Systematics and Biodiversity</i> , <b>2018</b> , 16, 210-228	1.7	61
112	Inactivation of the olfactory marker protein (OMP) gene in river dolphins and other odontocete cetaceans. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 109, 375-387	4.1	15
111	Phylogenomic red flags: Homology errors and zombie lineages in the evolutionary diversification of placental mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E9431-E9432	11.5	40
110	Their loss is our gain: regressive evolution in vertebrates provides genomic models for uncovering human disease loci. <i>Journal of Medical Genetics</i> , <b>2017</b> , 54, 787-794	5.8	17
109	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades. <i>Science Advances</i> , <b>2017</b> , 3, e1602878	14.3	56
108	Talpid Mole Phylogeny Unites Shrew Moles and Illuminates Overlooked Cryptic Species Diversity. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 78-87	8.3	22
107	Resolution of a concatenation/coalescence kerfuffle: partitioned coalescence support and a robust family-level tree for Mammalia. <i>Cladistics</i> , <b>2017</b> , 33, 295-332	3.5	56
106	Waking the undead: Implications of a soft explosive model for the timing of placental mammal diversification. <i>Molecular Phylogenetics and Evolution</i> , <b>2017</b> , 106, 86-102	4.1	32
105	The origin and biogeographic diversification of fishes in the family Poeciliidae. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173546	3.7	42
104	The gene tree delusion. <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 94, 1-33	4.1	193
103	Genomic analysis reveals hidden biodiversity within colugos, the sister group to primates. <i>Science Advances</i> , <b>2016</b> , 2, e1600633	14.3	49

102	Mammal madness: is the mammal tree of life not yet resolved?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	145
101	Phylogenetic relationships of dasyuromorphian marsupials revisited. <i>Zoological Journal of the Linnean Society</i> , <b>2016</b> , 176, 686-701	2.4	34
100	Inactivation of C4orf26 in toothless placental mammals. <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 95, 34-45	4.1	34
99	Inactivation of Cone-Specific Phototransduction Genes in Rod Monochromatic Cetaceans. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	21
98	Genomic evidence for rod monochromacy in sloths and armadillos suggests early subterranean history for Xenarthra. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142192	4.4	41
97	Interordinal gene capture, the phylogenetic position of Steller's sea cow based on molecular and morphological data, and the macroevolutionary history of Sirenia. <i>Molecular Phylogenetics and Evolution</i> , <b>2015</b> , 91, 178-93	4.1	45
96	Spectral shifts of mammalian ultraviolet-sensitive pigments (short wavelength-sensitive opsin 1) are associated with eye length and photic niche evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282,	4.4	43
95	Convergent evolution of alternative developmental trajectories associated with diapause in African and South American killifish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282,	4.4	68
94	Land plant origins and coalescence confusion. <i>Trends in Plant Science</i> , <b>2014</b> , 19, 267-9	13.1	52
93	Phylogenetic analysis at deep timescales: unreliable gene trees, bypassed hidden support, and the coalescence/concatalescence conundrum. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 80, 231-66	4.1	217
92	Eyes underground: regression of visual protein networks in subterranean mammals. <i>Molecular Phylogenetics and Evolution</i> , <b>2014</b> , 78, 260-70	4.1	76
91	Evidence for a single loss of mineralized teeth in the common avian ancestor. <i>Science</i> , <b>2014</b> , 346, 1254390,	33.3	74
90	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , <b>2014</b> , 346, 1311-20	33.3	628
89	Molecular decay of enamel matrix protein genes in turtles and other edentulous amniotes. <i>BMC Evolutionary Biology</i> , <b>2013</b> , 13, 20	3	37
88	Phylogenetics: bats united, microbats divided. <i>Current Biology</i> , <b>2013</b> , 23, R999-R1001	6.3	18
87	Technical comment on "The placental mammal ancestor and the post-K-Pg radiation of placentals". <i>Science</i> , <b>2013</b> , 341, 613	33.3	49
86	A phylogenetic blueprint for a modern whale. <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 66, 479-506	4.1	163
85	Rod monochromacy and the coevolution of cetacean retinal opsins. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003432	6	88

84	Concatenation versus coalescence versus "concatalescence". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E1179	11.5	79
83	Macroevolutionary dynamics and historical biogeography of primate diversification inferred from a species supermatrix. <i>PLoS ONE</i> , <b>2012</b> , 7, e49521	3.7	361
82	Comment on "Impacts of the Cretaceous Terrestrial Revolution and KPg extinction on mammal diversification". <i>Science</i> , <b>2012</b> , 337, 34; author reply 34	33.3	2
81	Pseudogenization of the tooth gene enamelysin (MMP20) in the common ancestor of extant baleen whales. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 278, 993-1002	4.4	67
80	The historical biogeography of Mammalia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2011</b> , 366, 2478-502	5.8	72
79	Impacts of the Cretaceous Terrestrial Revolution and KPg extinction on mammal diversification. <i>Science</i> , <b>2011</b> , 334, 521-4	33.3	1024
78	Molecular phylogenetic relationships and the coevolution of placentotrophy and superfetation in <i>Poecilia</i> (Poeciliidae: Cyprinodontiformes). <i>Molecular Phylogenetics and Evolution</i> , <b>2011</b> , 59, 148-57	4.1	31
77	Molecular phylogenetic relationships and the evolution of the placenta in <i>Poecilia</i> (Micropoecilia) (Poeciliidae: Cyprinodontiformes). <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 55, 631-9	4.1	37
76	Cytogenetics meets phylogenetics: a review of karyotype evolution in diprotodontian marsupials. <i>Journal of Heredity</i> , <b>2010</b> , 101, 690-702	2.4	23
75	A Phylogeny and Timescale for the Evolution of Pseudocheiridae (Marsupialia: Diprotodontia) in Australia and New Guinea. <i>Journal of Mammalian Evolution</i> , <b>2010</b> , 17, 75-99	2.2	33
74	Molecular decay of the tooth gene Enamelin (ENAM) mirrors the loss of enamel in the fossil record of placental mammals. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000634	6	107
73	A phylogeny of Diprotodontia (Marsupialia) based on sequences for five nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 51, 554-71	4.1	76
72	Evolution and phylogenetic utility of the melanocortin-1 receptor gene (MC1R) in Cetartiodactyla. <i>Molecular Phylogenetics and Evolution</i> , <b>2009</b> , 52, 550-7	4.1	17
71	Morphology and placental mammal phylogeny. <i>Systematic Biology</i> , <b>2008</b> , 57, 499-503	8.4	18
70	The oldest platypus and its bearing on divergence timing of the platypus and echidna clades. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1238-42	11.5	104
69	A Phylogeny and Timescale for Marsupial Evolution Based on Sequences for Five Nuclear Genes. <i>Journal of Mammalian Evolution</i> , <b>2008</b> , 15, 1-36	2.2	111
68	A timescale and phylogeny for "bandicoots" (Peramelemorphia: Marsupialia) based on sequences for five nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , <b>2008</b> , 47, 1-20	4.1	32
67	Mammalian evolution and biomedicine: new views from phylogeny. <i>Biological Reviews</i> , <b>2007</b> , 82, 375-92	13.5	71

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| 66 | A family matter: conclusive resolution of the taxonomic position of the long-fingered bats, miniopterus. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 1553-61  | 8.3  | 144 |
| 65 | The adequacy of morphology for reconstructing the early history of placental mammals. <i>Systematic Biology</i> , <b>2007</b> , 56, 673-84   | 8.4  | 92  |
| 64 | Using genomic data to unravel the root of the placental mammal phylogeny. <i>Genome Research</i> , <b>2007</b> , 17, 413-21  | 9.7  | 350 |
| 63 | Molecular and genomic data identify the closest living relative of primates. <i>Science</i> , <b>2007</b> , 318, 792-4   | 33.3 | 233 |
| 62 | Phylogenetic relationships of the cuscuses and brushtail possums (Marsupialia:Phalangeridae) using the nuclear gene BRCA1. <i>Australian Journal of Zoology</i> , <b>2006</b> , 54, 353  | 0.5  | 18  |
| 61 | Natural selection and mammalian BRCA1 sequences: elucidating functionally important sites relevant to breast cancer susceptibility in humans. <i>Mammalian Genome</i> , <b>2006</b> , 17, 257-70   | 3.2  | 17  |
| 60 | A molecular phylogeny for bats illuminates biogeography and the fossil record. <i>Science</i> , <b>2005</b> , 307, 580-4   | 33.3 | 834 |
| 59 | Mesozoic origin for West Indian insectivores. <i>Nature</i> , <b>2004</b> , 429, 649-51  | 50.4 | 131 |
| 58 | Relationships Among Families of Diprotodontia (Marsupialia) and the Phylogenetic Position of the Autapomorphic Honey Possum ( <i>Tarsipes rostratus</i> ). <i>Journal of Mammalian Evolution</i> , <b>2004</b> , 11, 207-222   | 2.2  | 17  |
| 57 | "Lipotyphlan" phylogeny based on the growth hormone receptor gene: a reanalysis. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 30, 778-88   | 4.1  | 11  |
| 56 | The use of composite taxa in supermatrices. <i>Molecular Phylogenetics and Evolution</i> , <b>2004</b> , 30, 883-4   | 4.1  | 17  |
| 55 | Molecules consolidate the placental mammal tree. <i>Trends in Ecology and Evolution</i> , <b>2004</b> , 19, 430-8  | 10.9 | 324 |
| 54 | The evolution of tribospheny and the antiquity of mammalian clades. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 28, 360-85  | 4.1  | 191 |
| 53 | Nuclear gene sequences confirm an ancient link between New Zealand's short-tailed bat and South American noctilionoid bats. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 28, 308-19  | 4.1  | 53  |
| 52 | A new phylogenetic marker, apolipoprotein B, provides compelling evidence for eutherian relationships. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 28, 225-40   | 4.1  | 168 |
| 51 | Nuclear gene sequences provide evidence for the monophyly of australidelphian marsupials. <i>Molecular Phylogenetics and Evolution</i> , <b>2003</b> , 28, 186-96  | 4.1  | 99  |
| 50 | The Sahara as a vicariant agent, and the role of Miocene climatic events, in the diversification of the mammalian order Macroscelidea (elephant shrews). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8325-30 | 11.5 | 126 |
| 49 | Placental mammal diversification and the Cretaceous-Tertiary boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1056-61   | 11.5 | 666 |

48	Molecular evidence for the monophyly of tenrecidae (mammalia) and the timing of the colonization of Madagascar by Malagasy Tenrecs. <i>Molecular Phylogenetics and Evolution</i> , <b>2002</b> , 22, 357-63	4.1	48
47	Molecular phylogenetic evidence confirming the Eulipotyphla concept and in support of hedgehogs as the sister group to shrews. <i>Molecular Phylogenetics and Evolution</i> , <b>2002</b> , 25, 200-9	4.1	80
46	The Secondary Structure of Mammalian Mitochondrial 16S rRNA Molecules: Refinements Based on a Comparative Phylogenetic Approach. <i>Journal of Mammalian Evolution</i> , <b>2002</b> , 9, 225-252	2.2	43
45	Molecular Evidence for the Last Survivor of an Ancient Kangaroo Lineage. <i>Journal of Mammalian Evolution</i> , <b>2002</b> , 9, 209-223	2.2	24
44	Molecular phylogeny of living xenarthrans and the impact of character and taxon sampling on the placental tree rooting. <i>Molecular Biology and Evolution</i> , <b>2002</b> , 19, 1656-71	8.3	193
43	Microbat paraphyly and the convergent evolution of a key innovation in Old World rhinolophoid microbats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 1431-6	11.5	159
42	Independent origins and rapid evolution of the placenta in the fish genus <i>Poeciliopsis</i> . <i>Science</i> , <b>2002</b> , 298, 1018-20	33.3	158
41	Molecular Evidence for the Major Clades of Placental Mammals. <i>Journal of Mammalian Evolution</i> , <b>2001</b> , 8, 239-277	2.2	69
40	Commentary: External Nasal Cartilages in Bats: Evidence for Microchiropteran Monophyly?. <i>Journal of Mammalian Evolution</i> , <b>2001</b> , 8, 231-236	2.2	6
39	Parallel adaptive radiations in two major clades of placental mammals. <i>Nature</i> , <b>2001</b> , 409, 610-4	50.4	580
38	Resolution of the early placental mammal radiation using Bayesian phylogenetics. <i>Science</i> , <b>2001</b> , 294, 2348-51	33.3	1077
37	Mitochondrial versus nuclear gene sequences in deep-level mammalian phylogeny reconstruction. <i>Molecular Biology and Evolution</i> , <b>2001</b> , 18, 132-43	8.3	165
36	Phylogenetics. Which mammalian supertree to bark up?. <i>Science</i> , <b>2001</b> , 291, 1709-11	33.3	69
35	Molecular evidence regarding the origin of echolocation and flight in bats. <i>Nature</i> , <b>2000</b> , 403, 188-92	50.4	237
34	Evolutionary Relationships Among Old World Fruitbats (Megachiroptera: Pteropodidae) Based on 12S rRNA, tRNA Valine, and 16S rRNA Gene Sequences. <i>Journal of Mammalian Evolution</i> , <b>2000</b> , 7, 259-284	2.2	17
33	Intergeneric Relationships Among Macropodoidea (Metatheria: Diprotodontia) and The Chronicle of Kangaroo Evolution. <i>Journal of Mammalian Evolution</i> , <b>2000</b> , 7, 213-237	2.2	32
32	Additional support for Afrotheria and Paenungulata, the performance of mitochondrial versus nuclear genes, and the impact of data partitions with heterogeneous base composition. <i>Systematic Biology</i> , <b>1999</b> , 48, 65-75	8.4	95
31	DNA Sequence Evidence for Placement of the Ground Cuscus, <i>Phalanger gymnotis</i> , in the Tribe Phalangerini (Marsupialia: Phalangeridae). <i>Journal of Mammalian Evolution</i> , <b>1999</b> , 6, 1-17	2.2	12



30	Molecular Relationships of the Extinct Pig-Footed Bandicoot <i>Chaeropus ecaudatus</i> (Marsupialia: Perameloidea) Using 12S rRNA Sequences. <i>Journal of Mammalian Evolution</i> , <b>1999</b> , 6, 271-288	2.2	15
29	Maximum-Likelihood Analysis of the Tethythere Hypothesis Based on a Multigene Data Set and a Comparison of Different Models of Sequence Evolution. <i>Journal of Mammalian Evolution</i> , <b>1999</b> , 6, 161-176	2.2	11
28	An Analysis of Marsupial Interordinal Relationships Based on 12S rRNA, tRNA Valine, 16S rRNA, and Cytochrome b Sequences. <i>Journal of Mammalian Evolution</i> , <b>1999</b> , 6, 317-334	2.2	25
27	The phylogenetic position of the musky rat-kangaroo and the evolution of bipedal hopping in kangaroos (Macropodidae: Diprotodontia). <i>Systematic Biology</i> , <b>1998</b> , 47, 457-74	8.4	50
26	DNA-hybridisation Studies of Marsupials and their Implications for Metatherian Classification. <i>Australian Journal of Zoology</i> , <b>1997</b> , 45, 211	0.5	261
25	Endemic African mammals shake the phylogenetic tree. <i>Nature</i> , <b>1997</b> , 388, 61-4	50.4	282
24	Molecular Clocks and the Timing of the Placental and Marsupial Radiations in Relation to the Cretaceous-Tertiary Boundary. <i>Journal of Mammalian Evolution</i> , <b>1997</b> , 4, 285-302	2.2	52
23	Secondary structure and patterns of evolution among mammalian mitochondrial 12S rRNA molecules. <i>Journal of Molecular Evolution</i> , <b>1996</b> , 43, 357-73	3.1	181
22	Interordinal mammalian relationships: evidence for paenungulate monophyly is provided by complete mitochondrial 12S rRNA sequences. <i>Molecular Phylogenetics and Evolution</i> , <b>1996</b> , 6, 245-58	4.1	50
21	Secondary Structure and Patterns of Evolution Among Mammalian Mitochondrial 12S rRNA Molecules. <i>Journal of Molecular Evolution</i> , <b>1996</b> , 43, 357-373	3.1	2
20	Molecular Evidence That the Bonin Islands "Honeyeater" Is a White-eye. <i>Journal of the Yamashina Institute for Ornithology</i> , <b>1995</b> , 27, 66-77_1		8
19	Land mammal biostratigraphy and magnetostratigraphy of the Etadunna Formation (late Oligocene) of South Australia. <i>Journal of Vertebrate Paleontology</i> , <b>1994</b> , 13, 483-515	1.7	96
18	Relationships among orders and families of marsupials based on 12S ribosomal DNA sequences and the timing of the marsupial radiation. <i>Journal of Mammalian Evolution</i> , <b>1994</b> , 2, 85-115	2.2	48
17	DNA-DNA hybridization of single-copy DNA sequences. <i>Methods in Enzymology</i> , <b>1993</b> , 224, 232-43	1.7	2
16	A molecular perspective on the phylogeny of placental mammals based on mitochondrial 12S rDNA sequences, with special reference to the problem of the Paenungulata. <i>Journal of Mammalian Evolution</i> , <b>1993</b> , 1, 149-166	2.2	31
15	Calculation of sequence divergence from the thermal stability of DNA heteroduplexes. <i>Journal of Molecular Evolution</i> , <b>1992</b> , 34, 379-82	3.1	37
14	The effect of random range truncations on patterns of evolution in the fossil record. <i>Paleobiology</i> , <b>1990</b> , 16, 512-520	2.6	53
13	DNA hybridization, cladistics, and the phylogeny of phalangerid marsupials. <i>Journal of Molecular Evolution</i> , <b>1990</b> , 30, 298-311	3.1	40



12	DNA/DNA hybridization studies of the carnivorous marsupials. I: The intergeneric relationships of bandicoots (Marsupialia: Perameloidea). <i>Journal of Molecular Evolution</i> , <b>1990</b> , 30, 434-48	3.1	40
11	Additive Distances, Rate Variation, and the Perfect-Fit Theorem. <i>Systematic Zoology</i> , <b>1989</b> , 38, 371		9
10	The distribution of some basicranial characters within the Marsupialia and a phylogeny of the Phalangeriformes. <i>Journal of Vertebrate Paleontology</i> , <b>1989</b> , 9, 210-221	1.7	26
9	DNA hybridization in animal taxonomy: a critique from first principles. <i>Quarterly Review of Biology</i> , <b>1989</b> , 64, 291-318	5.4	58
8	Biostratigraphy and Gap Analysis: The Expected Sequence of Biostratigraphic Events. <i>Journal of Geology</i> , <b>1988</b> , 96, 228-236	2	27
7	Theoretical and practical considerations when using retroelement insertions to estimate species trees in the anomaly zone		1
6	Genomic and anatomical comparisons of skin support independent adaptation to life in water by cetaceans and hippos		1
5	Partitioned coalescence support reveals biases in species-tree methods and detects gene trees that determine phylogenomic conflicts		4
4	Genes lost during the transition from land to water in cetaceans highlight genomic changes involved in aquatic adaptations		4
3	Retroposon Insertions within a Multispecies Coalescent Framework Suggest that Ratite Phylogeny is not in the Anomaly Zone		5
2	An ABBA-BABA Test for Introgression Using Retroposon Insertion Data		2
1	Genomic evidence for the parallel regression of melatonin synthesis and signaling pathways in placental mammals. <i>Open Research Europe</i> , <b>1</b> , 75		1