

CITATION REPORT

List of articles citing

Endemic African mammals shake the phylogenetic tree

DOI: 10.1038/40386
Nature, 1997, 388, 61-4.

Source: <https://exaly.com/paper-pdf/28530012/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
296	The interphotoreceptor retinoid binding protein gene in therian mammals: implications for higher level relationships and evidence for loss of function in the marsupial mole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 13754-9	11.5	73
295	List of journals scanned. 1997 , 7, i		
294	Molecular Clocks and the Timing of the Placental and Marsupial Radiations in Relation to the Cretaceous-Tertiary Boundary. 1997 , 4, 285-302		52
293	Conflict among individual mitochondrial proteins in resolving the phylogeny of eutherian orders. 1998 , 47, 307-22		135
292	A molecular timescale for vertebrate evolution. <i>Nature</i> , 1998 , 392, 917-20	50.4	1634
291	Highly congruent molecular support for a diverse superordinal clade of endemic African mammals. <i>Molecular Phylogenetics and Evolution</i> , 1998 , 9, 501-8	4.1	93
290	Neuropeptide families: evolutionary perspectives. 1998 , 73, 1-33		137
289	Molecules remodel the mammalian tree. 1998 , 13, 270-5		51
288	Biochemistry and genetics of von Willebrand factor. 1998 , 67, 395-424		1071
287	Phylogenetic positions of insectivora in eutheria inferred from mitochondrial cytochrome c oxidase subunit II gene. 1998 , 15, 139-45		12
286	The evolution of diversity in ancient ecosystems: a review. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998 , 353, 327-345	5.8	34
285	The origin of the Australasian marsupial fauna and the phylogenetic affinities of the enigmatic monito del monte and marsupial mole. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 2381-6	4.4	70
284	Comparative studies on mammalian Hoxc8 early enhancer sequence reveal a baleen whale-specific deletion of a cis-acting element. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 15446-51	11.5	56
283	Constructing phylogenies from quartets: elucidation of eutherian superordinal relationships. 1998 , 5, 377-90		29
282	Molecular evidence for multiple origins of Insectivora and for a new order of endemic African insectivore mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9967-72	11.5	322
281	Estimating times of divergence with a change of rate: the orangutan/African ape divergence. 1998 , 15, 608-10		11
280	Molecules and the fossil record. <i>Nature</i> , 1998 ,	50.4	1

279	Mammalian evolution: timing and implications from using the LogDeterminant transform for proteins of differing amino acid composition. <i>Systematic Biology</i> , 1999 , 48, 76-93	8.4	78
278	The mitochondrial DNA molecule of the aardvark, <i>Orycteropus afer</i> , and the position of the Tubulidentata in the eutherian tree. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999 , 266, 339-45	4.4	23
277	Using novel phylogenetic methods to evaluate mammalian mtDNA, including amino acid-invariant sites-LogDet plus site stripping, to detect internal conflicts in the data, with special reference to the positions of hedgehog, armadillo, and elephant. <i>Systematic Biology</i> , 1999 , 48, 31-53	8.4	135
276	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> , 1999 , 48, 65-75	8.4	95
275	Reproductive features of the eastern mole (<i>Scalopus aquaticus</i>) and star-nose mole (<i>Condylura cristata</i>). 1999 , 117, 345-53		8
274	Advances in Higher Level Mammalian Relationships.. 1999 , 15, 213-219		6
273	Phylogenetic Relationships of the Order Insectivora Based on Complete 12S rRNA Sequences from Mitochondria.. 1999 , 15, 221-230		39
272	A Morphological Basis for Assessing the Phylogeny of the "Tenrecoidea" (Mammalia, Lipotyphla).. 1999 , 15, 231-252		72
271	Life histories of the Insectivora: the role of phylogeny, metabolism and sex differences. <i>Journal of Zoology</i> , 1999 , 249, 315-337	2	48
270	DNA Sequence Evidence for Placement of the Ground Cuscus, <i>Phalanger gymnotis</i> , in the Tribe Phalangerini (Marsupialia: Phalangeridae). 1999 , 6, 1-17		12
269	The Entotympanic of Pangolins and the Phylogeny of the Pholidota (Mammalia). 1999 , 6, 39-65		29
268	Maximum-Likelihood Analysis of the Tethythere Hypothesis Based on a Multigene Data Set and a Comparison of Different Models of Sequence Evolution. 1999 , 6, 161-176		11
267	An Analysis of Marsupial Interordinal Relationships Based on 12S rRNA, tRNA Valine, 16S rRNA, and Cytochrome b Sequences. 1999 , 6, 317-334		25
266	Confirmation of pleisiomorphic daily torpor in mammals: the round-eared elephant shrew <i>Macroscelides proboscideus</i> (Macroscelideia). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1999 , 169, 453-60	2.2	51
265	Inclusion of cetaceans within the order Artiodactyla based on phylogenetic analysis of pancreatic ribonuclease genes. 1999 , 48, 360-8		29
264	The evolution of the scrotum and testicular descent in mammals: a phylogenetic view. 1999 , 196, 61-72		78
263	Evolution on the west coast. <i>Evolutionary Anthropology</i> , 1999 , 7, 192-194	4.7	
262	The promise of comparative genomics in mammals. <i>Science</i> , 1999 , 286, 458-62, 479-81	33.3	372

261	Evolutionary and preservational constraints on origins of biologic groups: divergence times of eutherian mammals. <i>Science</i> , 1999 , 283, 1310-4	33.3	232
260	Growing up with dinosaurs: molecular dates and the mammalian radiation. 1999 , 14, 113-118		140
259	Reply from L. Bromham, D. Penny and M.J. Phillips. 1999 , 14, 278		4
258	Molecular dates and the mammalian radiation. 1999 , 14, 278		8
257	Phase locking: another cause of synchronicity in predator-prey systems. 1999 , 14, 278-279		44
256	Diversity in Relation to Body Size in Mammals: A Comparative Study. 1999 , 153, 110-123		85
255	A Morphological Basis for Assessing the Phylogeny of the <i>Tenrecoidea</i> (Mammalia, Lipotyphla). 1999 , 15, 231-252		46
254	Model dependence of the phylogenetic inference: relationship among carnivores, Perissodactyls and cetartiodactyls as inferred from mitochondrial genome sequences. 1999 , 74, 211-7		16
253	Molecular evolution of the nuclear von Willebrand factor gene in mammals and the phylogeny of rodents. 1999 , 16, 577-89		85
252	The evolutionary position of dormice (Gliridae) in Rodentia determined by a novel short retroposon. 1999 , 16, 715-7		34
251	The phylogenetic position of the Talpidae within eutheria based on analysis of complete mitochondrial sequences. 2000 , 17, 60-7		102
250	Photoreceptor types and distributions in the retinae of insectivores. 2000 , 17, 937-48		44
249	Where do rodents fit? Evidence from the complete mitochondrial genome of <i>Sciurus vulgaris</i> . 2000 , 17, 979-83		97
248	A molecular phylogenetic framework for the Ryukyu endemic rodents <i>Tokudaia osimensis</i> and <i>Diplothrix legata</i> . <i>Molecular Phylogenetics and Evolution</i> , 2000 , 15, 15-24	4.1	106
247	Phylogenetic position of the Tenrecs (Mammalia: Tenrecidae) of Madagascar based on analysis of the complete mitochondrial genome sequence of <i>Echinops telfairi</i> . <i>Zoologica Scripta</i> , 2000 , 29, 307-317	2.5	37
246	Molecular evidence regarding the origin of echolocation and flight in bats. <i>Nature</i> , 2000 , 403, 188-92	50.4	237
245	Origins, Diversity and Relationships of Lemurs. 2000 , 21, 1021-1049		78
244	Evolutionary Relationships Among Old World Fruitbats (Megachiroptera: Pteropodidae) Based on 12S rRNA, tRNA Valine, and 16S rRNA Gene Sequences. 2000 , 7, 259-284		17

243	Intergeneric Relationships Among Macropodoidea (Metatheria: Diprotodontia) and The Chronicle of Kangaroo Evolution. 2000 , 7, 213-237		32
242	Geologic Evolution of the Himalayan-Tibetan Orogen. 2000 , 28, 211-280		3643
241	Monophyletic origin of the order chiroptera and its phylogenetic position among mammalia, as inferred from the complete sequence of the mitochondrial DNA of a Japanese megabat, the Ryukyu flying fox (<i>Pteropus dasymallus</i>). 2000 , 51, 318-28		51
240	Phylogenetics of Perissodactyla and tests of the molecular clock. 2000 , 50, 11-21		52
239	Feeding in Mammals. 2000 , 411-448		65
238	Lineage-specific evolutionary rate in mammalian mtDNA. 2000 , 17, 1022-31		98
237	A New Age of Discovery. 2000 , 87, 110		25
236	Reproductive characteristics of the african pygmy hedgehog, <i>atelerix albiventris</i> . 2000 , 120, 143-50		8
235	Cortical organization in insectivora: the parallel evolution of the sensory periphery and the brain. <i>Brain, Behavior and Evolution</i> , 2000 , 55, 311-21	1.5	46
234	Widanelfarasia, a diminutive placental from the late Eocene of Egypt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 2646-51	11.5	17
233	Interordinal relationships and timescale of eutherian evolution as inferred from mitochondrial genome data. 2000 , 259, 149-58		101
232	Long-branch attraction phenomenon and the impact of among-site rate variation on rodent phylogeny. 2000 , 259, 177-87		43
231	A Close Relationship of Chiroptera with Eulipotyphla (Core Insectivora) Suggested by Four Mitochondrial Genes. 2000 , 17, 1327-1332		12
230	FURTHER EVIDENCE FOR INCLUSION OF THE NEW ZEALAND SHORT-TAILED BAT (<i>MYSTACINA TUBERCULATA</i>) WITHIN NOCTILIONOIDEA. <i>Journal of Mammalogy</i> , 2000 , 81, 865-874	1.8	30
229	Paleontological Investigations at the Eocene Locality of Mahenge in North-Central Tanzania, East Africa. 2001 , 39-74		18
228	Skull of <i>Megalohyrax eocaenus</i> (Hyracoidea, Mammalia) from the Oligocene of Egypt. <i>Journal of Vertebrate Paleontology</i> , 2001 , 21, 98-106	1.7	9
227	Integrated fossil and molecular data reconstruct bat echolocation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 6241-6	11.5	202
226	A new theory of phylogeny inference through construction of multidimensional vector space. 2001 , 18, 812-28		7

225	Mitochondrial versus nuclear gene sequences in deep-level mammalian phylogeny reconstruction. 2001 , 18, 132-43		165
224	Maximum likelihood analysis of the complete mitochondrial genomes of eutherians and a reevaluation of the phylogeny of bats and insectivores. 2001 , 53, 508-16		115
223	Heterothermy in elephant shrews, <i>Elephantulus</i> spp. (Macroscelidea): daily torpor or hibernation?. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2001 , 171, 1-10	2.2	54
222	Islands on the plains: metapopulation dynamics and female biased dispersal in hyraxes (Hyracoidea) in the Serengeti National Park. 2001 , 10, 2307-17		15
221	Phylogeny of rodentia (Mammalia) inferred from the nuclear-encoded gene IRBP. <i>Molecular Phylogenetics and Evolution</i> , 2001 , 19, 290-301	4.1	77
220	Phylogeny and evolution of African shrews (Mammalia: Soricidae) inferred from 16s rRNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2001 , 20, 185-95	4.1	62
219	NUCLEAR INTRON SEQUENCES FOR PHYLOGENETICS OF CLOSELY RELATED MAMMALS: AN EXAMPLE USING THE PHYLOGENY OF MUS. <i>Journal of Mammalogy</i> , 2001 , 82, 280-288	1.8	26
218	Molecular Evidence for the Major Clades of Placental Mammals. 2001 , 8, 239-277		69
217	Commentary: External Nasal Cartilages in Bats: Evidence for Microchiropteran Monophyly?. 2001 , 8, 231-236		6
216	Parallel adaptive radiations in two major clades of placental mammals. <i>Nature</i> , 2001 , 409, 610-4	50.4	580
215	Molecular phylogenetics and the origins of placental mammals. <i>Nature</i> , 2001 , 409, 614-8	50.4	1178
214	Horsetails and ferns are a monophyletic group and the closest living relatives to seed plants. <i>Nature</i> , 2001 , 409, 618-22	50.4	516
213	Evolution of the placenta and fetal membranes seen in the light of molecular phylogenetics. 2001 , 22, 800-7		67
212	Seismic Signal Use by Fossorial Mammals. 2001 , 41, 1171-1184		9
211	Seismic Signal Use by Fossorial Mammals1. 2001 , 41, 1171-1184		37
210	Molecular dating and biogeography of the early placental mammal radiation. 2001 , 92, 212-9		170
209	Protein sequence signatures support the African clade of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 188-193	11.5	65
208	Afrotheria: plate tectonics meets genomics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 1-2	11.5	68

207	Rodent phylogeny and a timescale for the evolution of Glires: evidence from an extensive taxon sampling using three nuclear genes. 2002 , 19, 1053-65		277
206	Molecular phylogeny of living xenarthrans and the impact of character and taxon sampling on the placental tree rooting. 2002 , 19, 1656-71		193
205	Seismic sensitivity in the desert golden mole (<i>Eremitalpa granti</i>): a review. 2002 , 116, 158-63		26
204	Evolutionary Networks of Maternal and Paternal Gene Lineages in Voles (<i>Eothenomys</i>) Endemic to Japan. <i>Journal of Mammalogy</i> , 2002 , 83, 852-865	1.8	28
203	Molecular evolution of the mammalian alpha 2B adrenergic receptor. 2002 , 19, 2150-60		21
202	Zur funktionellen Morphologie der rostralen Nasenknorpel bei Soriciden. 2002 , 67, 1-17		12
201	Cranial and dental anatomy of <i>Antilohyrax pectidens</i> : a Late Eocene hyracoid (Mammalia) from the Fayum, Egypt. <i>Journal of Vertebrate Paleontology</i> , 2002 , 22, 122-136	1.7	15
200	Lipotyphla limb myology comparison. <i>Journal of Morphology</i> , 2002 , 252, 183-201	1.6	7
199	Characterization and phylogenetic utility of the mammalian protamine p1 gene. <i>Molecular Phylogenetics and Evolution</i> , 2002 , 22, 333-41	4.1	21
198	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> , 2002 , 22, 357-63	4.1	48
197	Phylogenetic analysis of vertebrate lactate dehydrogenase (LDH) multigene families. 2002 , 54, 614-24		15
196	Molecular support for Afrotheria and the polyphyly of Lipotyphla based on analyses of the growth hormone receptor gene. <i>Molecular Phylogenetics and Evolution</i> , 2002 , 24, 91-101	4.1	36
195	Molecular phylogenetic evidence confirming the Eulipotyphla concept and in support of hedgehogs as the sister group to shrews. <i>Molecular Phylogenetics and Evolution</i> , 2002 , 25, 200-9	4.1	80
194	Using the fossil record to estimate the age of the last common ancestor of extant primates. <i>Nature</i> , 2002 , 416, 726-9	50.4	227
193	The origin and evolution of model organisms. 2002 , 3, 838-49		593
192	Extrinsic Snout Musculature in Afrotheria and Lipotyphla. 2002 , 9, 161-184		31
191	The Secondary Structure of Mammalian Mitochondrial 16S rRNA Molecules: Refinements Based on a Comparative Phylogenetic Approach. 2002 , 9, 225-252		43
190	Phylogenetic analysis of the mammalian Hoxc8 non-coding region. 2003 , 3, 195-199		4

189	Distortion product otoacoustic emissions and auditory evoked potentials in the hedgehog tenrec, <i>Echinops telfairi</i> . 2003 , 4, 555-64		9
188	Review of "The Primate Fossil Record" Edited by Walter C. Hartwig. 2003 , 45, 195-201		10
187	Afrotherian phylogeny as inferred from complete mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 253-60	4.1	39
186	Evaluating placental inter-ordinal phylogenies with novel sequences including RAG1, gamma-fibrinogen, ND6, and mt-tRNA, plus MCMC-driven nucleotide, amino acid, and codon models. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 197-224	4.1	98
185	A new phylogenetic marker, apolipoprotein B, provides compelling evidence for eutherian relationships. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 225-40	4.1	168
184	Molecular estimation of eulipotyphlan divergence times and the evolution of "Insectivora". <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 285-96	4.1	68
183	Mitochondrial phylogeny of hedgehogs and monophyly of Eulipotyphla. <i>Molecular Phylogenetics and Evolution</i> , 2003 , 28, 276-84	4.1	54
182	Morphology of the middle ear of golden moles (Chrysochloridae). <i>Journal of Zoology</i> , 2003 , 260, 391-403		38
181	Major mammalian clades: a review under consideration of molecular and palaeontological evidence. 2003 , 68, 1-15		9
180	Reciprocal chromosome painting among human, armadillo, and elephant (superorder Afrotheria) reveals the likely eutherian ancestral karyotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1062-6	11.5	140
179	Towards the delineation of the ancestral eutherian genome organization: comparative genome maps of human and the African elephant (<i>Loxodonta africana</i>) generated by chromosome painting. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 1331-40	4.4	56
178	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> , 2003 , 100, 8325-30	11.5	126
177	Ancient SINEs from African endemic mammals. 2003 , 20, 522-7		73
176	Placental mammal diversification and the Cretaceous-Tertiary boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 1056-61	11.5	666
175	Daily torpor in free-ranging rock elephant shrews, <i>Elephantulus myurus</i> : a year-long study. 2004 , 77, 285-96		59
174	Calibration and error in placental molecular clocks: a conservative approach using the cetartiodactyl fossil record. 2004 , 95, 200-8		21
173	Identification of duplicated fourth alpha2-adrenergic receptor subtype by cloning and mapping of five receptor genes in zebrafish. 2004 , 21, 14-28		52
172	Phylogeny and biogeography of Caribbean mammals. 2004 , 81, 373-394		73

171	The vomeronasal organ and associated structures of the fetal African elephant, <i>Loxodonta africana</i> (Proboscidea, Elephantidae). 2004 , 85, 41-52		4
170	Precision of molecular time estimates. 2004 , 20, 242-7		199
169	Mammalian phylogenomics comes of age. 2004 , 20, 631-9		288
168	Characterization of an endogenous retrovirus class in elephants and their relatives. <i>BMC Evolutionary Biology</i> , 2004 , 4, 38	3	6
167	Camping in a Different Tree: Results of Molecular Systematic Studies of Bats Using DNA-DNA Hybridization. 2004 , 11, 17-47		19
166	The Tarsal Complex of Afro-Malagasy Tenrecoidea: A Search for Phylogenetically Meaningful Characters. 2004 , 11, 73-104		20
165	The evolution of placental mammal body sizes: evolutionary history, form, and function. 2004 , 138, 13-27		26
164	Novelties of conception in insectivorous mammals (Lipotyphla), particularly shrews. <i>Biological Reviews</i> , 2004 , 79, 891-909	13.5	20
163	"Lipotyphlan" phylogeny based on the growth hormone receptor gene: a reanalysis. <i>Molecular Phylogenetics and Evolution</i> , 2004 , 30, 778-88	4.1	11
162	Functional morphology of the middle ear in <i>Chlorotalpa</i> golden moles (Mammalia, Chrysochloridae): predictions from three models. <i>Journal of Morphology</i> , 2004 , 261, 162-74	1.6	17
161	NEW DATA ON THE SKULL AND DENTITION IN THE MONGOLIAN LATE CRETACEOUS EUTHERIAN MAMMAL ZALAMBDALESTES. 2004 , 281, 1-144		92
160	The elephant shall lie down with the elephant-shrew. 2004 , 19, 300-301		
159	Molecular Phylogeny and Dating of Early Primate Divergences. 2004 , 45-64		26
158	Afrotherian origins and interrelationships: new views and future prospects. 2004 , 63, 37-60		42
157	Reconstructing vertebrate phylogenetic trees. 2005 ,		
156	A previously unrecognized radiation of rapid frogs in Southern Africa revealed by nuclear and mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2005 , 37, 674-85	4.1	66
155	Molecular clocks: four decades of evolution. 2005 , 6, 654-62		246
154	A review of long-branch attraction. 2005 , 21, 163-193		763

153	The current molecular phylogeny of Eutherian mammals challenges previous interpretations of placental evolution. 2005 , 26, 591-6		90
152	Evolution of sensory specializations in insectivores. 2005 , 287, 1038-50		50
151	Deep time and the search for anthropoid origins. 2005 , Suppl 41, 60-95		47
150	Phylogeny and life histories of the 'Insectivora': controversies and consequences. <i>Biological Reviews</i> , 2005 , 80, 93-128	13.5	42
149	Bibliography. 2005 , 715-787		
148	Multidimensional vector space representation for convergent evolution and molecular phylogeny. 2005 , 22, 704-15		18
147	Asynchronous colonization of Madagascar by the four endemic clades of primates, tenrecs, carnivores, and rodents as inferred from nuclear genes. <i>Systematic Biology</i> , 2005 , 54, 719-30	8.4	316
146	Genomic inferences from Afrotheria and the evolution of elephants. 2005 , 15, 652-9		28
145	A retroposon analysis of Afrotherian phylogeny. 2005 , 22, 1823-33		78
144	Second report on chicken genes and chromosomes 2005. <i>Cytogenetic and Genome Research</i> , 2005 , 109, 415-79	1.9	105
143	Primate Biogeography. 2006 ,		65
142	Garden of Eden or Babel's Paradise? Phylogeny, dispersal, and the southern continent hypothesis of placental mammal origins. 2006 , 32, 339-344		6
141	Sirenian and Other Marine Mammals. 2006 , 89-110		3
140	Housekeeping genes for phylogenetic analysis of eutherian relationships. 2006 , 23, 1493-503		44
139	Elevated testosterone levels and social ranks in female rock hyrax. 2006 , 49, 470-7		52
138	Paleobiogeography of Africa: How distinct from Gondwana and Laurasia?. 2006 , 241, 224-246		207
137	. 2006 ,		64
136	References. 681-700		

135	Middle ear structures in fossorial mammals: a comparison with non-fossorial species. <i>Journal of Zoology</i> , 2006 , 255, 467-486	2	69
134	Character evolution in the orbital region of the Afrotheria. <i>Journal of Zoology</i> , 2006 , 269, 514-526	2	8
133	A new vertebrate fauna from the Cretaceous Red Sandstone Group, Rukwa Rift Basin, Southwestern Tanzania. 2006 , 44, 277-288		39
132	Spiny Norman in the Garden of Eden? Dispersal and early biogeography of Placentalia. 2006 , 13, 89-123		26
131	Cross-species chromosome painting unveils cytogenetic signatures for the Eulipotyphla and evidence for the polyphyly of Insectivora. 2006 , 14, 151-9		37
130	Chromosome painting and molecular dating indicate a low rate of chromosomal evolution in golden moles (Mammalia, Chrysochloridae). 2006 , 14, 793-803		12
129	Ossicular density in golden moles (Chrysochloridae). 2006 , 192, 1349-57		6
128	Noradrenalin induces thermogenesis in a phylogenetically ancient eutherian mammal, the rock elephant shrew, <i>Elephantulus myurus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006 , 176, 75-84	2.2	15
127	The evolution of energetics in eutherian Insectivorans: an alternate approach. 2006 , 51, 113-128		11
126	Evolutionary transformations of fetal membrane characters in Eutheria with special reference to Afrotheria. 2006 , 306, 140-63		123
125	A POTENTIALLY NEW GIANT SENGI (ELEPHANT-SHREW) FROM THE UZUNGWA MOUNTAINS, TANZANIA. 2006 , 95, 111-115		7
124	Biogeographic Origins of Primate Higher Taxa. 2006 , 419-437		6
123	The molecular and biochemical basis of nonshivering thermogenesis in an African endemic mammal, <i>Elephantulus myurus</i> . 2007 , 293, R2120-7		26
122	Primate origins: implications of a cretaceous ancestry. 2007 , 78, 277-96		32
121	Sonic hedgehog expression during early tooth development in <i>Suncus murinus</i> . 2007 , 363, 269-75		12
120	Topological variation in single-gene phylogenetic trees. 2007 , 8, 216		32
119	Thoracolumbar vertebral number: The first skeletal synapomorphy for afrotherian mammals. <i>Systematics and Biodiversity</i> , 2007 , 5, 1-7	1.7	76
118	The Role of Vision in the Origin and Evolution of Primates. 2007 , 59-78		17

117	Mammalian karyotype evolution. 2007 , 8, 950-62		216
116	Origin and evolution of primate social organisation: a reconstruction. <i>Biological Reviews</i> , 2007 , 75, 405-435	5	6
115	Mammalian evolution and biomedicine: new views from phylogeny. <i>Biological Reviews</i> , 2007 , 82, 375-92	13.5	71
114	Chromosomal instability in Afrotheria: fragile sites, evolutionary breakpoints and phylogenetic inference from genome sequence assemblies. <i>BMC Evolutionary Biology</i> , 2007 , 7, 199	3	30
113	OrthoMaM: a database of orthologous genomic markers for placental mammal phylogenetics. <i>BMC Evolutionary Biology</i> , 2007 , 7, 241	3	94
112	Site specific rates of mitochondrial genomes and the phylogeny of eutheria. <i>BMC Evolutionary Biology</i> , 2007 , 7, 8	3	89
111	Chromosomal evolution in tenrecs (<i>Microgale</i> and <i>Oryzorictes</i> , Tenrecidae) from the Central Highlands of Madagascar. 2007 , 15, 1075-91		7
110	Torpor and hibernation in a basal placental mammal, the Lesser Hedgehog Tenrec <i>Echinops telfairi</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008 , 178, 691-8	2.2	70
109	Shape and size variations in the cranium of elephant-shrews: a morphometric contribution to a phylogenetic debate. 2008 , 127, 69-82		15
108	Small changes, big results: evolution of morphological discontinuity in mammals. 2008 , 7, 9		6
107	Amelogenin, the major protein of tooth enamel: a new phylogenetic marker for ordinal mammal relationships. <i>Molecular Phylogenetics and Evolution</i> , 2008 , 47, 865-9	4.1	15
106	Snagging teeth and premolar homologies in Paleoparadoxiidae (Mammalia: Desmostylia). <i>Journal of Vertebrate Paleontology</i> , 2008 , 28, 923-927	1.7	3
105	Does the skull carry a phylogenetic signal? Evolution and modularity in the guenons. 2008 , 93, 813-834		138
104	A new species of giant sengi or elephant-shrew (genus <i>Rhynchocyon</i>) highlights the exceptional biodiversity of the Udzungwa Mountains of Tanzania. <i>Journal of Zoology</i> , 2008 , 274, 126-133	2	54
103	Six novel gammaherpesviruses of Afrotheria provide insight into the early divergence of the Gammaherpesvirinae. 2008 , 127, 249-57		27
102	Molecular phylogeny and divergence times of Malagasy tenrecs: influence of data partitioning and taxon sampling on dating analyses. <i>BMC Evolutionary Biology</i> , 2008 , 8, 102	3	57
101	Chromosomal evolution and distribution of telomeric repeats in golden moles (<i>Chrysochloridae</i> , Mammalia). <i>Cytogenetic and Genome Research</i> , 2008 , 121, 110-9	1.9	9
100	Tracing the ecophysiology of ungulates and predator-prey relationships in an early Pleistocene large mammal community. 2008 , 266, 95-111		53

99	Morphology, paleontology, and placental mammal phylogeny. <i>Systematic Biology</i> , 2008 , 57, 311-7	8.4	19
98	A New Species of Elephant-shrew (Afrotheria: Macroscelidea: Elephantulus) from South Africa. <i>Journal of Mammalogy</i> , 2008 , 89, 1257-1268	1.8	28
97	Insectivorous mammals summary. 49-62		3
96	Edentata Summary. 127-134		
95	Tracking the past: interspersed repeats in an extinct Afrotherian mammal, Mammuthus primigenius. <i>Genome Research</i> , 2009 , 19, 1384-92	9.7	18
94	Androgens and social status in female rock hyraxes. <i>Animal Behaviour</i> , 2009 , 77, 233-238	2.8	24
93	Divergence time estimates of mammals from molecular clocks and fossils: relevance of new fossil finds from India. <i>Journal of Biosciences</i> , 2009 , 34, 649-59	2.3	5
92	Phylogeny and systematics of the Orycteropodidae (Mammalia, Tubulidentata). <i>Zoological Journal of the Linnean Society</i> , 2009 , 155, 649-702	2.4	34
91	Retroposon analysis and recent geological data suggest near-simultaneous divergence of the three superorders of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5235-40	11.5	139
90	The Oldest and Youngest Records of Afrosoricid Placentals from the Fayum Depression of Northern Egypt. <i>Acta Palaeontologica Polonica</i> , 2010 , 55, 599-616		27
89	Evolution of non-homologous venom delivery systems in West Indian insectivores?. <i>Journal of Vertebrate Paleontology</i> , 2010 , 30, 1294-1299	1.7	10
88	Phylogenetic inference of Indian malaria vectors from multilocus DNA sequences. <i>Infection, Genetics and Evolution</i> , 2010 , 10, 755-63	4.5	9
87	Complex patterns of continental speciation: molecular phylogenetics and biogeography of sub-Saharan puddle frogs (Phrynobatrachus). <i>Molecular Phylogenetics and Evolution</i> , 2010 , 55, 883-900	4.1	44
86	Modern and classic approaches towards revealing the orbital mosaic in the common shrew Sorex araneus Linnaeus, 1758 (Soricidae, Lipotyphla, Mammalia). <i>Zoosystematics and Evolution</i> , 2010 , 86, 343-350	1.5	2
85	The morphology of the eutherian ethmoidal region and its implications for higher-order phylogeny. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2010 , 48, 167-180	1.9	12
84	Recapitulating the evolution of Afrotheria: 57 genes and rare genomic changes (RGCs) consolidate their history. <i>Systematics and Biodiversity</i> , 2010 , 8, 395-408	1.7	12
83	Heterothermy in Afrotropical mammals and birds: a review. <i>Integrative and Comparative Biology</i> , 2011 , 51, 349-63	2.8	82
82	The historical biogeography of Mammalia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2478-502	5.8	72

81	Establishing the pangolin mitochondrial D-loop sequences from the confiscated scales. <i>Forensic Science International: Genetics</i> , 2011 , 5, 303-7	4.3	27
80	Phylogeny and conservation priorities of afrotherian mammals (Afrotheria, Mammalia). <i>Zoologica Scripta</i> , 2011 , 40, 1-15	2.5	47
79	Phylogenetic relationships of elephant-shrews (Afrotheria, Macroscelididae). <i>Journal of Zoology</i> , 2011 , 284, 133-143	2	27
78	Morphological cranial diversity contributes to phylogeny in soft-furred sengis (Afrotheria, Macroscelidea). <i>Zoology</i> , 2011 , 114, 85-94	1.7	9
77	Potential pitfalls of modelling ribosomal RNA data in phylogenetic tree reconstruction: evidence from case studies in the Metazoa. <i>BMC Evolutionary Biology</i> , 2011 , 11, 146	3	31
76	Impacts of the Cretaceous Terrestrial Revolution and KPg extinction on mammal diversification. <i>Science</i> , 2011 , 334, 521-4	33.3	1024
75	The genome as a life-history character: why rate of molecular evolution varies between mammal species. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011 , 366, 2503-13	5.8	129
74	The genome diversity and karyotype evolution of mammals. <i>Molecular Cytogenetics</i> , 2011 , 4, 22	2	73
73	Faunal change in the Turkana Basin during the late Oligocene and Miocene. <i>Evolutionary Anthropology</i> , 2011 , 20, 238-53	4.7	62
72	Morphology and ultrastructure of the chorioallantoic placenta of the Iberian mole (<i>Talpa occidentalis</i>) with special reference to heterophagous areolas and the nature of interhaemal barrier. <i>Journal of Anatomy</i> , 2012 , 221, 164-73	2.9	6
71	Origins and Evolution of Early Primates. <i>Primate Monographs</i> , 2012 , 269-280	0.3	
70	The chromosomes of Afrotheria and their bearing on mammalian genome evolution. <i>Cytogenetic and Genome Research</i> , 2012 , 137, 144-53	1.9	10
69	Phylogenetic analyses: comparing species to infer adaptations and physiological mechanisms. <i>Comprehensive Physiology</i> , 2012 , 2, 639-74	7.7	81
68	Phylogenetic analysis of genome rearrangements among five mammalian orders. <i>Molecular Phylogenetics and Evolution</i> , 2012 , 65, 871-82	4.1	20
67	Seasonal changes in thermogenesis of a free-ranging afrotherian small mammal, the Western rock elephant shrew (<i>Elephantulus rupestris</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2012 , 182, 715-27	2.2	14
66	David N. Reznick: The Origin Then and Now: An Interpretive Guide to the Origin of Species. <i>Praxis. Science and Education</i> , 2013 , 22, 2295-2316	2.1	0
65	Identification of an ancient endogenous retrovirus, predating the divergence of the placental mammals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120503	5.8	33
64	Early bioenergetic evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20130088	5.8	162

63	Comparative Anatomy of the Bony Labyrinth (Inner Ear) of Placental Mammals. <i>PLoS ONE</i> , 2013 , 8, e66624	133
62	Placental Evolution within the Supraordinal Clades of Eutheria with the Perspective of Alternative Animal Models for Human Placentation. <i>Advances in Biology</i> , 2014 , 2014, 1-21	15
61	High-level systematics of placental mammals: Current status of the problem. <i>Biology Bulletin</i> , 2014 , 41, 801-816	0.5 3
60	The placentation of eulipotyphla-reconstructing a morphotype of the Mammalian placenta. <i>Journal of Morphology</i> , 2014 , 275, 1122-44	1.6 7
59	Mammal survival at the Cretaceous-Palaeogene boundary: metabolic homeostasis in prolonged tropical hibernation in tenrecs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20141304	44 55
58	Understanding the formation of Mediterranean-African-Asian disjunctions: evidence for Miocene climate-driven vicariance and recent long-distance dispersal in the Tertiary relict <i>Smilax aspera</i> (Smilacaceae). <i>New Phytologist</i> , 2014 , 204, 243-255	9.8 31
57	The evolution of micro-cursoriality in mammals. <i>Journal of Experimental Biology</i> , 2014 , 217, 1316-25	3 21
56	Rodentia: a model order?. 1-18	1
55	Comparative sequence analyses of genome and transcriptome reveal novel transcripts and variants in the Asian elephant <i>Elephas maximus</i> . <i>Journal of Biosciences</i> , 2015 , 40, 891-907	2.3 13
54	The Fleas of Endemic and Introduced Small Mammals in Central Highland Forests of Madagascar: Faunistics, Species Diversity, and Absence of Host Specificity. <i>Journal of Medical Entomology</i> , 2015 , 52, 1135-43	2.2 6
53	Elaboration and Innervation of the Vibrissal System in the Rock Hyrax (<i>Procavia capensis</i>). <i>Brain, Behavior and Evolution</i> , 2015 , 85, 170-88	1.5 5
52	Elephant natural history: a genomic perspective. <i>Annual Review of Animal Biosciences</i> , 2015 , 3, 139-67	13.7 38
51	Third Report on Chicken Genes and Chromosomes 2015. <i>Cytogenetic and Genome Research</i> , 2015 , 145, 78-179	1.9 57
50	Brown adipose tissue: physiological function and evolutionary significance. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015 , 185, 587-606	2.2 152
49	Infrasonic and Seismic Communication in the Vertebrates with Special Emphasis on the Afrotheria: An Update and Future Directions. <i>Springer Handbook of Auditory Research</i> , 2016 , 191-227	1.2 13
48	Vertebrate Sound Production and Acoustic Communication. <i>Springer Handbook of Auditory Research</i> , 2016 ,	1.2 11
47	Individual, social, and sexual niche traits affect copulation success in a polygynandrous mating system. <i>Behavioral Ecology and Sociobiology</i> , 2016 , 70, 901-912	2.5 17
46	Experimental elevation of wildlife testosterone using silastic tube implants. <i>Research in Veterinary Science</i> , 2016 , 108, 1-7	2.5 2

45	Mammalian Diversification. 2016 , 418-423		
44	Status and Behavioural Ecology of Sengis in the Boni-Dodori and Arabuko-Sokoke Forests, Kenya, Determined by Camera Traps. <i>Journal of East African Natural History</i> , 2016 , 105, 223-235	0.3	2
43	Mammal madness: is the mammal tree of life not yet resolved?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	145
42	Geomolecular Dating and the Origin of Placental Mammals. <i>Systematic Biology</i> , 2016 , 65, 546-57	8.4	41
41	Dispersal of Vertebrates from Between the Americas, Antarctica, and Australia in the Late Cretaceous and Early Cenozoic. <i>Springer Earth System Sciences</i> , 2016 , 77-124	0.3	8
40	A Brief History of South American Metatherians. <i>Springer Earth System Sciences</i> , 2016 ,	0.3	70
39	Life on the rocks: Multilocus phylogeography of rock hyrax (<i>Procavia capensis</i>) from southern Africa. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 114, 49-62	4.1	16
38	Reconstructing the molecular phylogeny of giant sengis (<i>Macroscelidea</i> ; <i>Macroscelididae</i> ; <i>Rhynchocyon</i>). <i>Molecular Phylogenetics and Evolution</i> , 2017 , 113, 150-160	4.1	6
37	Literature. 2017 , 595-682		
36	Phylogeny mandalas for illustrating the Tree of Life. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 117, 168-178	4.1	26
35	Cranial shape parallelism in soft-furred sengis: moving on a geographic gradient. <i>Journal of Mammalogy</i> , 2018 ,	1.8	1
34	Macroscopic and microscopic study of the tongue of the armadillo (<i>Oryzomys acherontes</i> , <i>Oryzomys</i>). <i>Tissue and Cell</i> , 2018 , 54, 127-138	2.7	3
33	Pan African phylogeography and palaeodistribution of rousettine fruit bats: Ecogeographic correlation with Pleistocene climate vegetation cycles. <i>Journal of Biogeography</i> , 2019 , 46, 2336-2349	4.1	10
32	A molecular phylogeny of the extinct South American gomphothere through collagen sequence analysis. <i>Quaternary Science Reviews</i> , 2019 , 224, 105882	3.9	8
31	Evolutionary Models for the Diversification of Placental Mammals Across the KPg Boundary. <i>Frontiers in Genetics</i> , 2019 , 10, 1241	4.5	20
30	Possible Directions of Further Development of F.Ya. Dzerzhinsky's Program in Research on the Jaw Apparatus of Birds. <i>Biology Bulletin</i> , 2019 , 46, 691-709	0.5	
29	Mammalian Phylogenetics: A Short Overview of Recent Advances. 2020 , 31-48		
28	Are there phylogenetic differences in salivary tannin-binding proteins between browsers and grazers, and ruminants and hindgut fermenters?. <i>Ecology and Evolution</i> , 2020 , 10, 10426-10439	2.8	6

27	Key Steps in the Evolution of Mammalian Movement: A Prolegomenal Essay. <i>Neuroscience</i> , 2020 , 450, 135-141	3.9	2
26	Phylogenomics and the Genetic Architecture of the Placental Mammal Radiation. <i>Annual Review of Animal Biosciences</i> , 2021 , 9, 29-53	13.7	9
25	Tectonics, climate and the diversification of the tropical African terrestrial flora and fauna. <i>Biological Reviews</i> , 2021 , 96, 16-51	13.5	44
24	Towards a new classification of Muscidae (Diptera): a comparison of hypotheses based on multiple molecular phylogenetic approaches. <i>Systematic Entomology</i> , 2021 , 46, 508-525	3.4	5
23	The Rufous Sengi is not <i>Elephantulus</i> : Multilocus reconstruction of evolutionary history of sengis from the subfamily Macroscelidinae. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021 , 59, 918-932	1.9	2
22	Enhancing mitogenomic phylogeny and resolving the relationships of extinct megafaunal placental mammals. <i>Molecular Phylogenetics and Evolution</i> , 2021 , 158, 107082	4.1	1
21	Out of Africa: A New Afrotheria Lineage Rises From Extinct South American Mammals. <i>Frontiers in Ecology and Evolution</i> , 2021 , 9,	3.7	1
20	The effects of fossil taxa, hypothetical predicted ancestors, and a molecular scaffold on pseudoextinction analyses of extant placental orders. <i>PLoS ONE</i> , 2021 , 16, e0257338	3.7	1
19	Mammalian Biogeography and Anthropoid Origins. 2006 , 439-467		20
18	Paleontological Exploration in Africa. 2008 , 159-180		14
17	Daily Heterothermy in Mammals: Coping with Unpredictable Environments. 2000 , 29-40		50
16	Protein sequence signatures support the African clade of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 188-93	11.5	40
15	Evolutionary history of the grey-faced Sengi, <i>Rhynchocyon udzungwensis</i> , from Tanzania: a molecular and species distribution modelling approach. <i>PLoS ONE</i> , 2013 , 8, e72506	3.7	7
14	The Japanese Names above the Genus Level in the Classification of Mammals. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2001 , 6, 45-53	0.1	1
13	Our Place in Nature. 2002 , 175-213		
12	Phylogenetic analysis of the mammalian Hoxc8 non-coding region. 2003 , 195-199		
11	Excavating New Facts from Ancient Hepatitis B Virus Sequences.		
10	Mammalian Phylogenetics: A Short Overview of Recent Advances. 2020 , 1-18		

9	Exploring the ontogenetic development of the inner ear in Aardvarks. <i>Journal of Anatomy</i> , 2021 , 238, 1128-1142	2.9	1
8	Evolution of the Translation Termination System in Eukaryotes. 2008 , 277-287		
7	Afrotheria.. <i>Current Biology</i> , 2022 , 32, R205-R210	6.3	
6	Morphological evaluation of the orbit, eye tunics, eyelids, and orbital glands in young and adult aardvarks <i>Orycteropus afer</i> , Pallas, 1766 (Tubulidentata: Orycteropodidae) - similarities and differences with representatives of the Afrotheria clade.. <i>Anatomical Record</i> , 2022 ,	2.1	
5	Bibliographie. 2018 , 281-308		
4	SINEs as Credible Signs to Prove Common Ancestry in the Tree of Life: A Brief Review of Pioneering Case Studies in Retroposon Systematics. <i>Genes</i> , 2022 , 13, 989	4.2	○
3	Did some extinct South American native ungulates arise from an afrothere ancestor? A critical appraisal of Avilla and Mothé (2021) Sudamericungulata [Panameridiungulata hypothesis.		○
2	Evolution of the Brain and Sensory Structures in Sirenia. 2023 , 557-577		○
1	Species identity and behavior of cave-dwelling tree hyraxes of the Kenyan coast. 2023 , 13,		○