

# Jonathan I Bloch

## List of Publications by Year in descending order

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90  
papers

5,209  
citations

109321

35  
h-index

95266

68  
g-index

93  
all docs

93  
docs citations

93  
times ranked

3736  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Placental Mammal Ancestor and the Post-K-Pg Radiation of Placentals. <i>Science</i> , 2013, 339, 662-667.	12.6	1,000
2	Transient Floral Change and Rapid Global Warming at the Paleocene-Eocene Boundary. <i>Science</i> , 2005, 310, 993-996.	12.6	486
3	Grasping Primate Origins. <i>Science</i> , 2002, 298, 1606-1610.	12.6	318
4	New Paleocene skeletons and the relationship of plesiadapiforms to crown-clade primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1159-1164.	7.1	242
5	Evolution of the Earliest Horses Driven by Climate Change in the Paleocene-Eocene Thermal Maximum. <i>Science</i> , 2012, 335, 959-962.	12.6	188
6	Giant boid snake from the Palaeocene neotropics reveals hotter past equatorial temperatures. <i>Nature</i> , 2009, 457, 715-717.	27.8	179
7	Semicircular canal system in early primates. <i>Journal of Human Evolution</i> , 2009, 56, 315-327.	2.6	115
8	Intrinsic hand proportions of euarchontans and other mammals: Implications for the locomotor behavior of plesiadapiforms. <i>Journal of Human Evolution</i> , 2008, 55, 278-299.	2.6	104
9	Palaeoproteomics resolves sloth relationships. <i>Nature Ecology and Evolution</i> , 2019, 3, 1121-1130.	7.8	91
10	First North American fossil monkey and early Miocene tropical biotic interchange. <i>Nature</i> , 2016, 533, 243-246.	27.8	89
11	Paleohydrologic response to continental warming during the Paleocene-Eocene Thermal Maximum, Bighorn Basin, Wyoming. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 370, 196-208.	2.3	88
12	Affinities of <i>Hyposodontids</i> to elephant shrews and a Holarctic origin of Afrotheria. <i>Nature</i> , 2005, 434, 497-501.	27.8	85
13	Evolution of pedal grasping in Primates. <i>Journal of Human Evolution</i> , 2007, 53, 103-107.	2.6	83
14	Endocasts of <i>Microsyops</i> ( <i>Microsyopidae</i> , Primates) and the evolution of the brain in primitive primates. <i>Journal of Human Evolution</i> , 2010, 58, 505-521.	2.6	83
15	Cranial Anatomy of the Earliest Marsupials and the Origin of Opossums. <i>PLoS ONE</i> , 2009, 4, e8278.	2.5	79
16	The evolutionary radiation of plesiadapiforms. <i>Evolutionary Anthropology</i> , 2017, 26, 74-94.	3.4	79
17	Cranial anatomy of the Paleocene plesiadapiform <i>Carpolestes simpsoni</i> (Mammalia, Primates) using ultra high-resolution X-ray computed tomography, and the relationships of plesiadapiforms to Euprimates. <i>Journal of Human Evolution</i> , 2006, 50, 1-35.	2.6	78
18	Evidence for a Grooming Claw in a North American Adapiform Primate: Implications for Anthropoid Origins. <i>PLoS ONE</i> , 2012, 7, e29135.	2.5	77

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19	Evaluating the Mitten-Gliding Hypothesis for Paromomyidae and Micromomyidae (Mammalia,) Tj ETQq1 1 0.784314 rgBT /Overlock 101 233-284.		76
20	Virtual endocast of <i>Ignacius graybullianus</i> (Paromomyidae, Primates) and brain evolution in early primates. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10987-10992.	7.1	74
21	1 Primate Origins and Supraordinal Relationships: Morphological Evidence. , 2007, , 831-859.		73
22	New basicrania of Paleocene-Eocene <i>Ignacius</i> : Re-evaluation of the Plesiadapiform-Dermopteran link. American Journal of Physical Anthropology, 2001, 116, 184-198.	2.1	66
23	Oldest known euarchontan tarsals and affinities of Paleocene <i>Purgatorius</i> to Primates. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1487-1492.	7.1	65
24	New fossils, systematics, and biogeography of the oldest known crown primate <i>Teilhardina</i> from the earliest Eocene of Asia, Europe, and North America. Journal of Human Evolution, 2019, 128, 103-131.	2.6	65
25	New Species of <i>Batodonoides</i> (Lipotyphla, Geolabididae) from the Early Eocene of Wyoming: Smallest Known Mammal?. Journal of Mammalogy, 1998, 79, 804.	1.3	60
26	Systematics and biogeography of crocodylians from the Miocene of Panama. Journal of Vertebrate Paleontology, 2013, 33, 239-263.	1.0	60
27	Temporal Calibration and Biochronology of the Centenario Fauna, Early Miocene of Panama. Journal of Geology, 2014, 122, 113-135.	1.4	55
28	Evolution and Allometry of Calcaneal Elongation in Living and Extinct Primates. PLoS ONE, 2013, 8, e67792.	2.5	54
29	Hands of early primates. American Journal of Physical Anthropology, 2013, 152, 33-78.	2.1	50
30	New fossils of the oldest North American euprimate <i>Teilhardina brandti</i> (Omomyidae) from the paleocene–eocene thermal maximum. American Journal of Physical Anthropology, 2011, 146, 281-305.	2.1	49
31	Stratocladistic analysis of Paleocene Carpolestidae (Mammalia, Plesiadapiformes) with description of a new Late Tiffanian genus. Journal of Vertebrate Paleontology, 2001, 21, 119-131.	1.0	47
32	A new small short-snouted dyrosaurid (Crocodylomorpha, Mesoeucrocodylia) from the Paleocene of northeastern Colombia. Journal of Vertebrate Paleontology, 2010, 30, 139-162.	1.0	45
33	New podocnemidid turtle (Testudines: Pleurodira) from the middle–upper Paleocene of South America. Journal of Vertebrate Paleontology, 2010, 30, 367-382.	1.0	40
34	Cranial anatomy of Paleocene and Eocene <i>Labidolemur kayi</i> (Mammalia: Apatotheria), and the relationships of the Apatemyidae to other mammals. Zoological Journal of the Linnean Society, 2010, 160, 773-825.	2.3	38
35	A new longirostrine dyrosaurid (Crocodylomorpha, Mesoeucrocodylia) from the Paleocene of north-eastern Colombia: biogeographic and behavioural implications for New World Dyrosauridae. Palaeontology, 2011, 54, 1095-1116.	2.2	37
36	Chemostratigraphic implications of spatial variation in the Paleocene–Eocene Thermal Maximum carbon isotope excursion, SE Bighorn Basin, Wyoming. Geochemistry, Geophysics, Geosystems, 2013, 14, 4133-4152.	2.5	37

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37	Distortion of carbon isotope excursion in bulk soil organic matter during the Paleocene-Eocene thermal maximum. <i>Bulletin of the Geological Society of America</i> , 2016, 128, 1352-1366.	3.3	36
38	New pelomedusoid turtles from the late Palaeocene Cerrejón Formation of Colombia and their implications for phylogeny and body size evolution. <i>Journal of Systematic Palaeontology</i> , 2012, 10, 313-331.	1.5	35
39	Quantification of neocortical ratios in stem primates. <i>American Journal of Physical Anthropology</i> , 2015, 157, 363-373.	2.1	35
40	New primitive paromomyid from the Clarkforkian of Wyoming and dental eruption in Plesiadapiformes. <i>Journal of Vertebrate Paleontology</i> , 2002, 22, 366-379.	1.0	33
41	New turtles (Chelonia) from the late Eocene through late Miocene of the Panama Canal Basin. <i>Journal of Paleontology</i> , 2012, 86, 539-557.	0.8	33
42	Oldest skeleton of a plesiadapiform provides additional evidence for an exclusively arboreal radiation of stem primates in the Palaeocene. <i>Royal Society Open Science</i> , 2017, 4, 170329.	2.4	30
43	A new blunt-snouted dyrosaurid, <i>Anthracosuchus balrogus</i> gen. et sp. nov. (Crocodylomorpha). <i>Tj ETQq1 1 0.784314</i> <small>rgBT / Overlock 10</small>	1.4	26
44	A New Small-Bodied Species of Palaeonictis (Creodonta, Oxyaenidae) from the Paleocene-Eocene Thermal Maximum. <i>Journal of Mammalian Evolution</i> , 2010, 17, 227-243.	1.8	25
45	New bothremydid turtle (Testudines, Pleurodira) from the Paleocene of northeastern Colombia. <i>Journal of Paleontology</i> , 2012, 86, 688-698.	0.8	25
46	First Central American record of Anthracotheriidae (Mammalia, Bothriodontinae) from the early Miocene of Panama. <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 421-433.	1.0	25
47	Constraining paleohydrologic change during the Paleocene-Eocene Thermal Maximum in the continental interior of North America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 465, 237-246.	2.3	24
48	<i>Lipotyphla</i> . , 2008, , 89-126.		23
49	Climate change during the Early Paleogene in the Bogotá Basin (Colombia) inferred from paleosol carbon isotope stratigraphy, major oxides, and environmental magnetism. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 388, 115-127.	2.3	23
50	First virtual endocasts of adapiform primates. <i>Journal of Human Evolution</i> , 2016, 99, 52-78.	2.6	23
51	Revisiting the adaptive origins of primates (again). <i>Journal of Human Evolution</i> , 2007, 53, 321-324.	2.6	22
52	Postcranial Morphology of <i>Apheliscus</i> and <i>Haplomylus</i> (Condylarthra, Apheliscidae): Evidence for a Paleocene Holarctic Origin of Macroscelidea. , 2008, , 73-106.		22
53	Endocranial morphology of <i>Labidolemur kayi</i> (Apatemyidae, Apatotheria) and its relevance to the study of brain evolution in Euarchontoglires. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 1314-1325.	1.0	21
54	New partial skeletons of Palaeocene Nyctitheriidae and evaluation of proposed euarchontan affinities. <i>Biology Letters</i> , 2015, 11, 20140911.	2.3	19

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55	Internal carotid arterial canal size and scaling in Euarchonta: Re-assessing implications for arterial patency and phylogenetic relationships in early fossil primates. <i>Journal of Human Evolution</i> , 2016, 97, 123-144.	2.6	18
56	Asian gliriform origin for arctostyloid mammals. <i>Die Naturwissenschaften</i> , 2006, 93, 407-411.	1.6	16
57	New floridatragulines (Mammalia, Camelidae) from the early Miocene Las Cascadas Formation, Panama. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 456-475.	1.0	16
58	Semi-supervised determination of pseudocryptic morphotypes using observer-free characterizations of anatomical alignment and shape. <i>Ecology and Evolution</i> , 2017, 7, 5041-5055.	1.9	16
59	Primate Origins and Supraordinal Relationships: Morphological Evidence. , 2015, , 1053-1081.		16
60	Systematics of Paleogene Micromomyidae (Euarchonta, Primates) from North America. <i>Journal of Human Evolution</i> , 2013, 65, 109-142.	2.6	15
61	New Material of the Platycheilyd Turtle <i>Notoemys zapatocaensis</i> from the Early Cretaceous of Colombia; Implications for Understanding Pleurodira Evolution. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2013, , 105-120.	0.5	14
62	Cochlear Labyrinth Volume in Euarchontoglires: Implications for the Evolution of Hearing in Primates. <i>Anatomical Record</i> , 2011, 294, 263-266.	1.4	13
63	Cranial anatomy of Paleogene Micromomyidae and implications for early primate evolution. <i>Journal of Human Evolution</i> , 2016, 96, 58-81.	2.6	13
64	Response to Comment on "The Placental Mammal Ancestor and the Post-K-Pg Radiation of Placentals". <i>Science</i> , 2013, 341, 613-613.	12.6	12
65	Systematics and Phylogeny of Paleocene-Eocene Nyctitheriidae (Mammalia, Eulipotyphla?) with Description of a new Species from the Late Paleocene of the Clarks Fork Basin, Wyoming, USA. <i>Journal of Mammalian Evolution</i> , 2015, 22, 307-342.	1.8	12
66	Oldest evidence for grooming claws in euprimates. <i>Journal of Human Evolution</i> , 2018, 122, 1-22.	2.6	12
67	Cranial anatomy of <i>Microsyops annectens</i> (Microsyopidae, Euarchonta, Mammalia) from the middle Eocene of Northwestern Wyoming. <i>Journal of Paleontology</i> , 2020, 94, 979-1006.	0.8	12
68	Paleocene-Eocene Microvertebrates in Freshwater Limestones of the Willwood Formation, Clarks Fork Basin, Wyoming. <i>Topics in Geobiology</i> , 2001, , 95-129.	0.5	10
69	"Proteutheria", 2008, , 63-81.		9
70	New early Miocene protoceratids (Mammalia, Artiodactyla) from Panama. <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e970688.	1.0	9
71	A new dermatemydid (Testudines, Kinosternoidea) from the Paleocene-Eocene Thermal Maximum, Willwood Formation, southeastern Bighorn Basin, Wyoming. <i>Journal of Vertebrate Paleontology</i> , 2015, 35, e905481.	1.0	8
72	Skeletal morphology of the early Paleocene plesiadapiform <i>Torrejonia wilsoni</i> (Euarchonta.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td</i>	2.6	10

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73	Evaluating the responses of three closely related small mammal lineages to climate change across the Paleocene–Eocene thermal maximum. <i>Paleobiology</i> , 2021, 47, 464-486.	2.0	7
74	The oldest known record of a ground sloth (Mammalia, Xenarthra, Folivora) from Hispaniola: evolutionary and paleobiogeographical implications. <i>Journal of Paleontology</i> , 2022, 96, 684-691.	0.8	7
75	Leptictida. , 2008, , 82-88.		6
76	First records of a triisodontine mammal, <i>Goniacodon levisanus</i> , in the late Paleocene of the northern Great Plains, North America. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 604-608.	1.0	5
77	Domestic cat embryos reveal unique transcriptomes of developing incisor, canine, and premolar teeth. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 516-531.	1.3	5
78	Insectivorous mammals summary. , 2008, , 49-62.		4
79	Hands of Paleogene Primates. <i>Developments in Primatology</i> , 2016, , 373-419.	0.1	4
80	Head et al. reply. <i>Nature</i> , 2009, 460, E4-E5.	27.8	3
81	New specimens of the mesonychid <i>Dissacus praenuntius</i> from the early Eocene of Wyoming and evaluation of body size through the PETM in North America. <i>Geobios</i> , 2021, 66-67, 103-118.	1.4	3
82	<i>Sulaimanius</i> , gen. nov., and <i>Indusomys</i> , gen. nov., replacement names for <i>Sulaimania</i> and <i>Indusius</i> Gunnell, Gingerich, Ul-Haq, Bloch, Khan, and Clyde, 2008, preoccupied names. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 975-975.	1.0	1
83	Getting Back to Basics: A Virtual Dissection of the Cranium of <i>Microsypops Annectens</i> (Mammalia, Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overload	0.0	0
84	Reconstructing the Virtual Endocasts of Two Eocene Primates from High-Resolution X-Ray Computed Tomography Data. <i>The Paleontological Society Special Publications</i> , 2014, 13, 175-175.	0.0	0
85	Supertree Perspectives on the Phylogeny of Fossil and Extant Mammals. <i>The Paleontological Society Special Publications</i> , 2014, 13, 34-34.	0.0	0
86	The Early Miocene Protoceratids (Mammalia, Artiodactyla) from the Panama Canal Basin. <i>The Paleontological Society Special Publications</i> , 2014, 13, 164-164.	0.0	0
87	Expansion of the Panama Canal and the Rise of the Isthmus. <i>The Paleontological Society Special Publications</i> , 2014, 13, 132-133.	0.0	0
88	Phylogenetic Placement of a New, Diminutive Nyctitheriid (Mammalia, Eulipotyphla) with Arboreal Characteristics. <i>The Paleontological Society Special Publications</i> , 2014, 13, 32-33.	0.0	0
89	Changes in Body Size and Dental Development in Mammals During the Paleocene-Eocene Thermal Maximum of the Bighorn Basin, WY. <i>The Paleontological Society Special Publications</i> , 2014, 13, 180-181.	0.0	0
90	New Diminutive Eocene Lizard Reveals High K-Pg Survivorship and Taxonomic Diversity of Stem Xenosaurs in North America. <i>American Museum Novitates</i> , 2022, 2022, .	0.6	0