

Richard F Kay

List of Publications by Year in descending order

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111
papers

6,663
citations

81743

39
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71532

76
g-index

116
all docs

116
docs citations

116
times ranked

2347
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Humerus of <i>Homunculus patagonicus</i> , a Stem Platyrrhine from the Santa Cruz Formation (Late Tertiary) of Patagonia, Argentina. <i>Journal of Human Evolution</i> , 2019, 134, 102623.	0.784314	14
2	Unique nasal turbinal morphology reveals <i>Homunculus patagonicus</i> functionally converged on modern platyrrhine olfactory sensitivity. <i>Journal of Human Evolution</i> , 2022, 167, 103184.	1.3	0
3	Leonard B. Radinsky (1937–1985), Radical Biologist. <i>Journal of Mammalian Evolution</i> , 2021, 28, 7-14.	1.0	5
4	Insights on the controls on floodplain-dominated fluvial successions: a perspective from the Early–Middle Miocene Santa Cruz Formation in Río Chasicó (Patagonia, Argentina). <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	9
5	Paleoenvironments and paleoecology of the Santa Cruz Formation (early-middle Miocene) along the Río Santa Cruz, Patagonia (Argentina). <i>Journal of South American Earth Sciences</i> , 2021, 109, 103296.	0.6	14
6	Reconstructing Cenozoic Patagonian biotas using multi-proxy fossil records. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103513.	0.6	6
7	An improved approach to age-modeling in deep time: Implications for the Santa Cruz Formation, Argentina. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 233-244.	1.6	36
8	Patagonian Aridification at the Onset of the Middle Miocene Climatic Optimum. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003956.	1.3	14
9	Dental topographic change with macrowear and dietary inference in <i>Homunculus patagonicus</i> . <i>Journal of Human Evolution</i> , 2020, 144, 102786.	1.3	10
10	Fruit Selectivity in Anthropoid Primates: Size Matters. <i>International Journal of Primatology</i> , 2020, 41, 525-537.	0.9	7
11	Testing the hypothesis of an impoverished predator guild in the Early Miocene ecosystems of Patagonia: An analysis of meat availability and competition intensity among carnivores. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 554, 109805.	1.0	8
12	HISTORICAL BACKGROUND FOR A REVISION OF THE PALEONTOLOGY OF THE SANTA CRUZ FORMATION (EARLY-MIDDLE MIOCENE) ALONG THE RÍO SANTA CRUZ, PATAGONIA, ARGENTINA. <i>Publicacion Electronica De La Asociacion Paleontologica Argentina</i> , 2020, , .	0.2	3
13	A diminutive Pliocene guenon from Kanapoi, West Turkana, Kenya. <i>Journal of Human Evolution</i> , 2019, 135, 102623.	1.3	7
14	<i>Parvimico materdei</i> gen. et sp. nov.: A new platyrrhine from the Early Miocene of the Amazon Basin, Peru. <i>Journal of Human Evolution</i> , 2019, 134, 102628.	1.3	13
15	Mammalian faunas, ecological indices, and machine-learning regression for the purpose of paleoenvironment reconstruction in the Miocene of South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 155-171.	1.0	17
16	Technical note: Comparing dental topography software using platyrrhine molars. <i>American Journal of Physical Anthropology</i> , 2019, 169, 179-185.	2.1	10
17	Intraspecific variation in semicircular canal morphology—A missing element in adaptive scenarios?. <i>American Journal of Physical Anthropology</i> , 2019, 168, 10-24.	2.1	15
18	100 years of primate paleontology. <i>American Journal of Physical Anthropology</i> , 2018, 165, 652-676.	2.1	8

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19	First record of the Miocene hominoid <i>Sivapithecus</i> from Kutch, Gujarat state, western India. <i>PLoS ONE</i> , 2018, 13, e0206314.	1.1	22
20	Adaptive wear-based changes in dental topography associated with atelid (Mammalia: Primates) diets. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 584-606.	0.7	23
21	Smooth operator: The effects of different 3D mesh retriangulation protocols on the computation of Dirichlet normal energy. <i>American Journal of Physical Anthropology</i> , 2017, 163, 94-109.	2.1	32
22	U-Pb geochronology of the Santa Cruz Formation (early Miocene) at the R�� Bote and R�� Santa Cruz (southernmost Patagonia, Argentina): Implications for the correlation of fossil vertebrate localities. <i>Journal of South American Earth Sciences</i> , 2016, 70, 198-210.	0.6	66
23	Wear and its effects on dental topography measures in howling monkeys (<i>Alouatta palliata</i>). <i>American Journal of Physical Anthropology</i> , 2016, 161, 705-721.	2.1	37
24	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.	1.3	18
25	Stem members of Platyrrhini are distinct from catarrhines in at least one derived cranial feature. <i>Journal of Human Evolution</i> , 2016, 100, 16-24.	1.3	8
26	Dust in the wind: How climate variables and volcanic dust affect rates of tooth wear in central american howling monkeys. <i>American Journal of Physical Anthropology</i> , 2016, 159, 210-222.	2.1	16
27	Introducing molaR: a New R Package for Quantitative Topographic Analysis of Teeth (and Other) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.0	71
28	Paleoenvironmental reconstruction of the coastal Monte L��on and Santa Cruz formations (Early) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Earth Sciences</i> , 2015, 60, 31-55.	0.6	23
29	New World monkey origins. <i>Science</i> , 2015, 347, 1068-1069.	6.0	27
30	Biogeography in deep time – What do phylogenetics, geology, and paleoclimate tell us about early platyrrhine evolution?. <i>Molecular Phylogenetics and Evolution</i> , 2015, 82, 358-374.	1.2	112
31	Dietary Inference from Upper and Lower Molar Morphology in Platyrrhine Primates. <i>PLoS ONE</i> , 2015, 10, e0118732.	1.1	37
32	Fossil localities of the Santa Cruz Formation (Early Miocene, Patagonia, Argentina) prospected by Carlos Ameghino in 1887 revisited and the location of the Notohippidian. <i>Journal of South American Earth Sciences</i> , 2014, 52, 94-107.	0.6	36
33	Oldest known cranium of a juvenile New World monkey (Early Miocene, Patagonia, Argentina): Implications for the taxonomy and the molar eruption pattern of early platyrrhines. <i>Journal of Human Evolution</i> , 2014, 74, 67-81.	1.3	15
34	Pitheciidae and other platyrrhine seed predators. , 2013, , 3-12.		15
35	Evidence for an Asian origin of stem anthropoids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10132-10133.	3.3	14
36	Paleobiology of the Santacrucian sloths and anteaters (<i>Xenarthra</i> , <i>Pilosa</i>). , 2012, , 216-242.		39

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37	Paleobiology of Santacrucian native ungulates (Meridiungulata: Astrapotheria, Litopterna and) Tj ETQq1 1 0.784314 rgBT /Overlock 100		50
38	Paleobiology of Santacrucian caviomorph rodents: a morphofunctional approach. , 2012, , 287-305.		21
39	Absolute and relative ages of fossil localities in the Santa Cruz and Pinturas Formations. , 2012, , 41-58.		30
40	Tephrochronology of the Miocene Santa Cruz and Pinturas Formations, Argentina. , 2012, , 23-40.		56
41	Sedimentology and paleoenvironment of the Santa Cruz Formation. , 2012, , 59-82.		12
42	Fossil plant studies from late Early Miocene of the Santa Cruz Formation: paleoecology and paleoclimatology at the passive margin of Patagonia, Argentina. , 2012, , 104-128.		22
43	Paleoecology of the mammalian carnivores (Metatheria, Sparassodonta) of the Santa Cruz Formation (late Early Miocene). , 2012, , 173-193.		25
44	Dietary quality and encephalization in platyrrhine primates. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 715-721.	1.2	35
45	Locomotor head movements and semicircular canal morphology in primates. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17914-17919.	3.3	100
46	Diversity and paleobiology of the Santacrucian birds. , 2012, , 138-155.		27
47	Paleobiology of Santacrucian primates. , 2012, , 306-330.		21
48	A review of the paleoenvironment and paleoecology of the Miocene Santa Cruz Formation. , 2012, , 331-365.		57
49	Ichnology of distal overbank deposits of the Santa Cruz Formation (late Early Miocene): paleohydrologic and paleoclimatic significance. , 2012, , 91-103.		9
50	Background for a paleoecological study of the Santa Cruz Formation (late Early Miocene) on the Atlantic Coast of Patagonia. , 2012, , 1-22.		31
51	Preliminary notes on a newly discovered skull of the extinct monkey Antillothrix from Hispaniola and the origin of the Greater Antillean monkeys. Journal of Human Evolution, 2011, 60, 124-128.	1.3	32
52	Darwinius masillae is a strepsirrhine—a reply to Franzen et Al. (2009). Journal of Human Evolution, 2010, 59, 567-573.	1.3	80
53	Stem taxa, homoplasy, long lineages, and the phylogenetic position of Dolichocebus. Journal of Human Evolution, 2010, 59, 218-222.	1.3	35
54	Auditory Morphology and Hearing Sensitivity in Fossil New World Monkeys. Anatomical Record, 2010, 293, 1711-1721.	0.8	20

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55	Tooth Root Size, Chewing Muscle Leverage, and the Biology of <i>Homunculus patagonicus</i> (Primates) from the Late Early Miocene of Patagonia. <i>Ameghiniana</i> , 2010, 47, 355-371.	0.3	17
56	New perspectives on anthropoid origins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4797-4804.	3.3	113
57	A baseline paleoecological study for the Santa Cruz Formation (late early Miocene) at the Atlantic coast of Patagonia, Argentina. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 292, 507-519.	1.0	71
58	Predominance of orthal masticatory movements in the Early Miocene <i>Eucholaeops</i> (Mammalia). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Paleontology</i> , 2009, 29, 870-880.	0.4	43
59	The anatomy of <i>Dolichocebus gaimanensis</i> , a stem platyrrhine monkey from Argentina. <i>Journal of Human Evolution</i> , 2008, 54, 323-382.	1.3	106
60	Two new fossil vertebrate localities in the Santa Cruz Formation (late early early middle Miocene). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.8	19
61	A NEW GENERALIZED PAUCITUBERCULATAN MARSUPIAL FROM THE OLIGOCENE OF BOLIVIA AND THE ORIGIN OF "SHREW-LIKE" MARSUPIALS. <i>Palaeontology</i> , 2007, 50, 1267-1276.	1.0	26
62	The armadillos (Mammalia, Xenarthra, Dasypodidae) of the Santa Cruz Formation (early middle Miocene). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> <i>Palaeontology</i> , 2006, 237, 255-269.	1.0	50
63	New platyrrhine monkeys from the Solimões Formation (late Miocene, Acre State, Brazil). <i>Journal of Human Evolution</i> , 2006, 50, 673-686.	1.3	57
64	A new species of <i>Hathliacynidae</i> (Metatheria, Sparassodonta) from the middle Miocene of Quebrada Honda, Bolivia. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 670-684.	0.4	26
65	The taxon anthropoidea and the crown clade concept. <i>Evolutionary Anthropology</i> , 2005, 3, 188-190.	1.7	10
66	A synopsis of the phylogeny and paleobiology of <i>Amphipithecidae</i> , South Asian middle and late Eocene primates. <i>Anthropological Science</i> , 2005, 113, 33-42.	0.2	9
67	The paleobiology of <i>Amphipithecidae</i> , South Asian late Eocene primates. <i>Journal of Human Evolution</i> , 2004, 46, 3-25.	1.3	55
68	Olfactory fossa of <i>Tremacebus harringtoni</i> (platyrrhini, early Miocene, Sacanana, Argentina): Implications for activity pattern. <i>The Anatomical Record</i> , 2004, 281A, 1157-1172.	2.3	77
69	New palaeothentid marsupial from the Middle Miocene of Bolivia. <i>Palaeontology</i> , 2003, 46, 307-315.	1.0	17
70	The Adaptations of <i>Branisella boliviana</i> , the Earliest South American Monkey. , 2002, , 339-370.		25
71	A Comparative Test of Adaptive Explanations for Hypsodonty in Ungulates and Rodents. <i>Journal of Mammalian Evolution</i> , 2001, 8, 207-229.	1.0	183
72	Osteological evidence for the evolution of activity pattern and visual acuity in primates. <i>American Journal of Physical Anthropology</i> , 2000, 113, 235-262.	2.1	213

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73	Cranial anatomy and palaeobiology of the Miocene marsupial <i>Hondalagus altiplanensis</i> and a phylogeny of argyrolagids. <i>Palaeontology</i> , 2000, 43, 287-301.	1.0	30
74	Phylogenetic analysis of anthropoid relationships. <i>Journal of Human Evolution</i> , 1998, 35, 221-307.	1.3	168
75	A new Pitheciin primate from the middle Miocene of Argentina. , 1998, 45, 317-336.		63
76	Revised age of the Salla beds, Bolivia, and its bearing on the age of the Deseadan South American Land Mammal "Age". <i>Journal of Vertebrate Paleontology</i> , 1998, 18, 189-199.	0.4	79
77	Mammals and rainfall: paleoecology of the middle Miocene at La Venta (Colombia, South America). <i>Journal of Human Evolution</i> , 1997, 32, 161-199.	1.3	105
78	"Giant" tamarin from the Miocene of Colombia. <i>American Journal of Physical Anthropology</i> , 1994, 95, 333-353.	2.1	62
79	Large fossil platyrrhines from the R��o Acre local fauna, late Miocene, western Amazonia. <i>Journal of Human Evolution</i> , 1993, 25, 319-327.	1.3	29
80	Cranial anatomy of <i>Ignacius graybullianus</i> and the affinities of the Plesiadapiformes. <i>American Journal of Physical Anthropology</i> , 1992, 89, 477-498.	2.1	100
81	Eocene plesiadapiform shows affinities with flying lemurs not primates. <i>Nature</i> , 1990, 345, 342-344.	13.7	107
82	The phyletic relationships of extant and fossil Pitheciinae (Platyrrhini, Anthropoidea). <i>Journal of Human Evolution</i> , 1990, 19, 175-208.	1.3	190
83	Age assessment using cementum annulus counts and tooth wear in a free-ranging population of <i>Macaca mulatta</i> . <i>American Journal of Primatology</i> , 1988, 15, 1-15.	0.8	27
84	Sexual dimorphism and dental variability in platyrrhine primates. <i>International Journal of Primatology</i> , 1988, 9, 169-178.	0.9	25
85	Early hominid diets from quantitative image analysis of dental microwear. <i>Nature</i> , 1988, 333, 765-768.	13.7	207
86	The phyletic position of the Parapitheciidae. <i>Journal of Human Evolution</i> , 1987, 16, 483-532.	1.3	136
87	<i>Stirtonia victoriae</i> , a new species of Miocene Colombian primate. <i>Journal of Human Evolution</i> , 1987, 16, 173-196.	1.3	50
88	Anatomy and Behaviour of Extinct Primates. , 1984, , 467-508.		104
89	Qatrania, new basal anthropoid primate from the Fayum, Oligocene of Egypt. <i>Nature</i> , 1983, 304, 624-626.	13.7	55
90	True grit: A microwear experiment. <i>American Journal of Physical Anthropology</i> , 1983, 61, 33-38.	2.1	65

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91	Dental formulae and dental eruption patterns in parapithecidae (primates, Anthropeidea). American Journal of Physical Anthropology, 1983, 62, 363-375.	2.1	26
92	Sivapithecus simonsi, a new species of miocene hominoid, with comments on the phylogenetic status of the ramapithecinae. International Journal of Primatology, 1982, 3, 113-173.	0.9	101
93	A model for comparison of masticatory effectiveness in primates. Journal of Morphology, 1982, 172, 139-149.	0.6	41
94	The ontogeny of premolar dental wear inCerrocebus albigena (cercopithecidae). American Journal of Physical Anthropology, 1981, 54, 153-155.	2.1	12
95	The nut-crackers â€“ a new theory of the adaptations of the Ramapithecinae. American Journal of Physical Anthropology, 1981, 55, 141-151.	2.1	385
96	A revision of the Oligocene apes of the Fayum Province, Egypt. American Journal of Physical Anthropology, 1981, 55, 293-322.	2.1	85
97	Dental microwear and diet: Implications for determining the feeding behaviors of extinct primates, with a comment on the dietary pattern ofSivapithecus. American Journal of Physical Anthropology, 1981, 55, 331-336.	2.1	109
98	Sexual dimorphism in early anthropoids (reply). Nature, 1981, 290, 609-609.	13.7	2
99	Sexual dimorphism in early anthropoids. Nature, 1980, 287, 328-330.	13.7	133
100	Comments on the adaptive strategy of the first African anthropoids. Zeitschrift Fur Morphologie Und Anthropologie, 1980, 71, 143-148.	0.1	2
101	On the relationship between chitin particle size and digestibility in the primateGalago senegalensis. American Journal of Physical Anthropology, 1979, 50, 301-308.	2.1	103
102	: Analysis of Species-Specific Molar Adaptations in Strepsirhine Primates . Daniel Seligsohn.. American Anthropologist, 1979, 81, 970-971.	0.7	1
103	Dietary and dental variations in the genusLemur, with comments concerning dietary-dental correlations among Malagasy primates. American Journal of Physical Anthropology, 1978, 49, 119-127.	2.1	46
104	The evolution of molar occlusion in the Cercopithecidae and early catarrhines. American Journal of Physical Anthropology, 1977, 46, 327-352.	2.1	253
105	An analysis of chewed food particle size and its relationship to molar structure in the primatesCheirogaleus medius andGalago senegalensis and the insectivoranTupaia glis. American Journal of Physical Anthropology, 1977, 47, 15-20.	2.1	86
106	The functional adaptations of primate molar teeth. American Journal of Physical Anthropology, 1975, 43, 195-215.	2.1	681
107	Jaw movement and tooth use in recent and fossil primates. American Journal of Physical Anthropology, 1974, 40, 227-256.	2.1	387
108	ON AN ALBUM OF PHOTOGRAPHS RECORDING FOSSILS IN THE "OLD COLLECTIONS" OF THE MUSEO DE LA PLATA AND AMEGHINO'S PRIVATE COLLECTION AT THE BEGINNING OF THE XXTH CENTURY. Publicacion Electronica De La Asociacion Paleontologica Argentina, 0, , .	0.2	10

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109	NEW PRIMATES FROM THE R�O SANTA CRUZ AND R�O BOTE (EARLY-MIDDLE MIOCENE), SANTA CRUZ PROVINCE, ARGENTINA.. Publicacion Electronica De La Asociacion Paleontologica Argentina, 0, , .	0.2	2
110	ANALYSIS OF THE EARLY- MIDDLE MIOCENE MAMMAL ASSOCIATIONS AT THE R�O SANTA CRUZ (PATAGONIA,) Tj ETQq0 0 0rgBT /Over	0.2	4
111	EL REGISTRO DEL TIPOTERIO PACHYRUKHOS (MAMMALIA, NOTOUNGULATA) Y EL CHINCH�LLIDO PROLAGOSTOMUS (MAMMALIA, RODENTIA) EN LA FORMACI�N SANTA CRUZ (MIOCENO TEMPRANO��MEDIO) AL SUR DEL R�O COYLE, PATAGONIA, ARGENTINA. Publicacion Electronica De La Asociacion Paleontologica Argentina. 0, , .	0.2	3