

Dean Falk

List of Publications by Year in descending order

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114
papers

5,099
citations

109137

35
h-index

91712

69
g-index

126
all docs

126
docs citations

126
times ranked

2088
citing authors

#	ARTICLE	IF	CITATIONS
1	Prelinguistic evolution in early hominins: Whence motherese?. Behavioral and Brain Sciences, 2004, 27, 491-503.	0.4	413
2	The Archaeology of Perception: Traces of Depiction and Language [and Comments and Reply]. Current Anthropology, 1989, 30, 125-155.	0.8	295
3	Cerebral Cortices of East African Early Hominids. Science, 1983, 221, 1072-1074.	6.0	274
4	A reanalysis of the South African australopithecine natural endocasts. American Journal of Physical Anthropology, 1980, 53, 525-539.	2.1	273
5	Brain evolution in <i>Homo</i> : The "radiator" theory. Behavioral and Brain Sciences, 1990, 13, 333-344.	0.4	253
6	The Brain of LB1, Homo floresiensis. Science, 2005, 308, 242-245.	6.0	246
7	Early hominid brain evolution: a new look at old endocasts. Journal of Human Evolution, 2000, 38, 695-717.	1.3	169
8	Hominid brain evolution: The approach from paleoneurology. American Journal of Physical Anthropology, 1980, 23, 93-107.	2.1	131
9	Evolution of cranial blood drainage in hominids: Enlarged occipital/marginal sinuses and emissary foramina. American Journal of Physical Anthropology, 1986, 70, 311-324.	2.1	131
10	Comparative anatomy of the larynx in man and the chimpanzee: Implications for language in Neanderthal. American Journal of Physical Anthropology, 1975, 43, 123-132.	2.1	129
11	Brain lateralization in primates and its evolution in hominids. American Journal of Physical Anthropology, 1987, 30, 107-125.	2.1	126
12	The cranial venous sinus system in Australopithecus afarensis. Nature, 1983, 306, 779-781.	13.7	112
13	Language, Handedness, and Primate Brains: Did the Australopithecines Sign?. American Anthropologist, 1980, 82, 72-78.	0.7	97
14	Reassessment of the Taung early hominid from a neurological perspective. Journal of Human Evolution, 1989, 18, 485-492.	1.3	97
15	A comparative study of stereolithographically modelled skulls of Petralona and Broken Hill: implications for future studies of middle Pleistocene hominid evolution. Journal of Human Evolution, 1997, 33, 691-703.	1.3	96
16	Hadar AL 162-28 endocast as evidence that brain enlargement preceded cortical reorganization in hominid evolution. Nature, 1985, 313, 45-47.	13.7	95
17	Advanced Computer Graphics Technology Reveals Cortical Asymmetry in Endocasts of Rhesus Monkeys. Folia Primatologica, 1986, 46, 98-103.	0.3	94
18	Heritability of Brain Size and Surface Features in Rhesus Macaques (<i>Macaca mulatta</i>). Journal of Heredity, 1990, 81, 51-57.	1.0	87

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19	LB1's virtual endocast, microcephaly, and hominin brain evolution. <i>Journal of Human Evolution</i> , 2009, 57, 597-607.	1.3	87
20	Brain shape in human microcephalics and <i>Homo floresiensis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2513-2518.	3.3	83
21	The skull of <i>Proconsul africanus</i> : reconstruction and cranial capacity. <i>Nature</i> , 1983, 305, 525-527.	13.7	78
22	The Taung endocast: A reply to Holloway. <i>American Journal of Physical Anthropology</i> , 1983, 60, 479-489.	2.1	73
23	Cortical asymmetries in frontal lobes of Rhesus monkeys (<i>Macaca mulatta</i>). <i>Brain Research</i> , 1990, 512, 40-45.	1.1	72
24	Interpreting sulci on hominin endocasts: old hypotheses and new findings. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 134.	1.0	65
25	Metopic suture of Taung (<i>Australopithecus africanus</i>) and its implications for hominin brain evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8467-8470.	3.3	62
26	Apples, oranges, and the lunate sulcus. <i>American Journal of Physical Anthropology</i> , 1985, 67, 313-315.	2.1	60
27	Evidence for a dual pattern of cranial venous sinuses on the endocranial cast of taung (<i>Australopithecus africanus</i>). <i>American Journal of Physical Anthropology</i> , 1988, 76, 309-312.	2.1	57
28	<i>Australopithecus afarensis</i> endocasts suggest ape-like brain organization and prolonged brain growth. <i>Science Advances</i> , 2020, 6, eaaz4729.	4.7	55
29	Meningeal arterial patterns in great apes: Implications for hominid vascular evolution. <i>American Journal of Physical Anthropology</i> , 1993, 92, 81-97.	2.1	52
30	The cerebral cortex of Albert Einstein: a description and preliminary analysis of unpublished photographs. <i>Brain</i> , 2013, 136, 1304-1327.	3.7	47
31	Endocranial cast of Hexian <i>Homo erectus</i> from South China. <i>American Journal of Physical Anthropology</i> , 2006, 130, 445-454.	2.1	41
32	The corpus callosum of Albert Einstein's brain: another clue to his high intelligence?. <i>Brain</i> , 2014, 137, e268-e268.	3.7	41
33	Sapientization and Speech [and Comments and Reply]. <i>Current Anthropology</i> , 1980, 21, 773-792.	0.8	38
34	Hominin paleoneurology. <i>Progress in Brain Research</i> , 2012, 195, 255-272.	0.9	38
35	Brief communication: New reconstruction of the Taung endocast. <i>American Journal of Physical Anthropology</i> , 2007, 134, 529-534.	2.1	37
36	Brain surface cortical sulcal lengths: quantification with three-dimensional MR imaging.. <i>Radiology</i> , 1991, 180, 479-484.	3.6	36

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37	On Happiness. <i>American Anthropologist</i> , 2012, 114, 6-18.	0.7	36
38	Human cortical asymmetries determined with 3D MR technology. <i>Journal of Neuroscience Methods</i> , 1991, 39, 185-191.	1.3	35
39	Directional asymmetry in the forelimb of <i>Macaca mulatta</i> . <i>American Journal of Physical Anthropology</i> , 1988, 77, 1-6.	2.1	34
40	The natural endocast of Taung (<i>Australopithecus africanus</i>): Insights from the unpublished papers of Raymond Arthur Dart. <i>American Journal of Physical Anthropology</i> , 2009, 140, 49-65.	2.1	33
41	Endocranial capacity in Sts 71 (<i>Australopithecus africanus</i>) by three-dimensional computed tomography. , 2000, 258, 391-396.		32
42	Heritability and Association of Cortical Petalias in Rhesus Macaques & (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (mu	0.9	30
43	Sex differences in brain/body relationships of Rhesus monkeys and humans. <i>Journal of Human Evolution</i> , 1999, 36, 233-238.	1.3	30
44	The type specimen (LB1) of <i>Homo floresiensis</i> did not have Laron Syndrome. <i>American Journal of Physical Anthropology</i> , 2009, 140, 52-63.	2.1	29
45	9 Evolution of the Primate Brain. , 2007, , 1133-1162.		29
46	Efficacy of cranial versus dental measurements for separating human populations. <i>American Journal of Physical Anthropology</i> , 1982, 57, 123-127.	2.1	28
47	Mosaic evolution of the neocortex. <i>Behavioral and Brain Sciences</i> , 1993, 16, 701-702.	0.4	28
48	Identification of in vivo Sulci on the External Surface of Eight Adult Chimpanzee Brains: Implications for Interpreting Early Hominin Endocasts. <i>Brain, Behavior and Evolution</i> , 2018, 91, 45-58.	0.9	28
49	Response to Comment on "The Brain of LB1, <i>Homo floresiensis</i> ". <i>Science</i> , 2005, 310, 236c-236c.	6.0	27
50	Age- and sex-associated variations in the directional asymmetry of rhesus macaque forelimb bones. <i>American Journal of Physical Anthropology</i> , 1990, 83, 211-218.	2.1	25
51	New information about Albert Einstein's Brain. <i>Frontiers in Evolutionary Neuroscience</i> , 2009, 1, 3.	3.7	25
52	Brain evolution in old World monkeys. <i>American Journal of Physical Anthropology</i> , 1978, 48, 315-319.	2.1	24
53	Ape-like endocast of "ape-man" Taung. <i>American Journal of Physical Anthropology</i> , 1989, 80, 335-339.	2.1	23
54	Endocast morphology of Hadar hominid AL 162-28. <i>Nature</i> , 1986, 321, 536-537.	13.7	22

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55	Did more than one species of hominid coexist before 3.0 Ma?: Evidence from blood and teeth. <i>Journal of Human Evolution</i> , 1995, 29, 591-600.	1.3	22
56	Meningeal arteries in rhesus macaques (<i>Macaca mulatta</i>): Implications for vascular evolution in anthropoids. <i>American Journal of Physical Anthropology</i> , 1992, 89, 299-308.	2.1	21
57	Endocranial suture closure in rhesus macaques (<i>Macaca mulatta</i>). <i>American Journal of Physical Anthropology</i> , 1989, 80, 417-428.	2.1	20
58	PALEONTOLOGY: Hominid Brain Evolution: Looks Can Be Deceiving. <i>Science</i> , 1998, 280, 1714-1714.	6.0	20
59	Annual War Deaths in Small-Scale versus State Societies Scale with Population Size Rather than Violence. <i>Current Anthropology</i> , 2017, 58, 805-813.	0.8	19
60	Characterization of Staphylococcal Bovine Mastitis Isolates Using the Polymerase Chain Reaction. <i>Journal of Food Protection</i> , 1998, 61, 1384-1386.	0.8	18
61	A quantitative and qualitative reanalysis of the endocast from the juvenile <i>Paranthropus</i> specimen I338y-6 from Omo, Ethiopia. <i>American Journal of Physical Anthropology</i> , 1999, 110, 399-406.	2.1	18
62	The "putting the baby down" hypothesis: Bipedalism, babbling, and baby slings. <i>Behavioral and Brain Sciences</i> , 2004, 27, 526-534.	0.4	18
63	Flushing the radiator? A reply to Braga & Boesch. <i>Journal of Human Evolution</i> , 1997, 33, 495-502.	1.3	17
64	External brain morphology in rhesus macaques (<i>Macaca mulatta</i>). <i>Journal of Human Evolution</i> , 1990, 19, 269-284.	1.3	14
65	A Critical Evaluation of the Down Syndrome Diagnosis for LB1, Type Specimen of <i>Homo floresiensis</i> . <i>PLoS ONE</i> , 2016, 11, e0155731.	1.1	13
66	Cranial capacity of a female robust australopithecine (KNM-ER 407) from Kenya. <i>Journal of Human Evolution</i> , 1983, 12, 515-518.	1.3	12
67	Mapping Fossil Endocasts. , 1982, , 217-226.		12
68	Sulcal patterns of fossil <i>Theropithecus</i> baboons: Phylogenetic and functional implications. <i>International Journal of Primatology</i> , 1981, 2, 57-69.	0.9	11
69	Revisiting australopithecine visual striate cortex: newer data from chimpanzee and human brains suggest it could have been reduced during australopithecine times. , 2001, , 177-186.		11
70	Evolution of brain and culture: the neurological and cognitive journey from <i>Australopithecus</i> to Albert Einstein. <i>Journal of Anthropological Sciences</i> , 2016, 94, 99-111.	0.4	11
71	Nonpathological asymmetry in LB1 (<i>Homo floresiensis</i>): A reply to Eckhardt and Henneberg. <i>American Journal of Physical Anthropology</i> , 2010, 143, 340-342.	2.1	10
72	Non-complicit: Revisiting Hans Asperger's Career in Nazi-era Vienna. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 2573-2584.	1.7	10

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73	Reply to Dr. Holloway: Shifting positions on the lunate sulcus. American Journal of Physical Anthropology, 1991, 84, 89-91.	2.1	9
74	Effects of age and gender on the location and orientation of the foramen magnum in rhesus macaques (Macaca mulatta). American Journal of Physical Anthropology, 1991, 86, 75-80.	2.1	9
75	Cladistic analysis of New World monkey sulcal patterns: Methodological implications for primate brain studies. Journal of Human Evolution, 1979, 8, 637-645.	1.3	8
76	3.5 Million years of hominid brain evolution. Seminars in Neuroscience, 1991, 3, 409-416.	2.3	8
77	Evolution of a venous "radiator" for cooling cortex: "Prime releaser" of brain evolution in Homo. Behavioral and Brain Sciences, 1990, 13, 368-381.	0.4	6
78	An Introduction to Human Evolutionary Anatomy.. Man; A Monthly Record of Anthropological Science, 1992, 27, 410.	0.3	6
79	Earliest Homo debate. Nature, 1992, 358, 289-290.	13.7	6
80	The evolution of sex differences in primate brains. , 2001, , 98-112.		6
81	On a new australopithecine partial endocast. American Journal of Physical Anthropology, 1979, 50, 611-614.	2.1	5
82	Radiators are cool: A response to Braga & Boesch's published paper and reply. Journal of Human Evolution, 1998, 35, 307-312.	1.3	5
83	Careers in science offer women an unusual bonus: immortality. Nature, 2000, 407, 833-833.	13.7	5
84	Prelinguistic evolution in hominin mothers and babies: For cryin' out loud!. Behavioral and Brain Sciences, 2004, 27, 461-462.	0.4	5
85	Letter to the editor: Response to Holloway and Broadfield's critique of our reconstruction of the Taung virtual endocast. American Journal of Physical Anthropology, 2012, 148, 483-485.	2.1	5
86	More on Asperger's Career: A Reply to Czech. Journal of Autism and Developmental Disorders, 2019, 49, 3877-3882.	1.7	5
87	Primate tool use: But what about their brains?. Behavioral and Brain Sciences, 1989, 12, 595-596.	0.4	4
88	Relationship of squamosal suture to asterion on external skull surfaces versus endocasts of pongids: Implications for Hadar early hominid AL 162-28. American Journal of Physical Anthropology, 1994, 93, 435-439.	2.1	4
89	How Australopithecus provided insight into human evolution. Nature, 2019, 575, 41-42.	13.7	4
90	Evolution of the Primate Brain. , 2015, , 1495-1525.		4

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91	The discovery of Homo floresiensis: Tales of the hobbit. Nature, 2014, 514, 422-426.	13.7	4
92	Preface. Progress in Brain Research, 2012, 195, vii-ix.	0.9	3
93	Allometry cannot be ignored in brain evolution studies. Behavioral and Brain Sciences, 1988, 11, 92-93.	0.4	2
94	Reply to Baskerville. American Journal of Physical Anthropology, 1992, 87, 498-498.	2.1	2
95	Exo-and endocranial morphometrics in mid-Pleistocene and modern humans. , 2001, , 290-304.		2
96	Implications of the parcellation theory for paleoneurology. Behavioral and Brain Sciences, 1984, 7, 338-338.	0.4	1
97	Reply to Dr. Diamon. American Journal of Physical Anthropology, 1994, 95, 359-362.	2.1	1
98	Brain expansion and rotation during hominid evolution. Human Evolution, 1996, 11, 27-33.	2.0	1
99	The promise and the peril in hominin brain evolution. , 2001, , 241-256.		1
100	Hominin brain evolution, 1925â€“2011: an emerging overview. , 0, , 145-162.		1
101	Reply to holloway and Broadfield's letter to the editor regarding the Taung endocast. American Journal of Physical Anthropology, 2012, 149, 327-328.	2.1	1
102	Evolution of the Primate Brain. , 2013, , 1-28.		1
103	Hominin brain evolution--new century, new directions. Collegium Antropologicum, 2004, 28 Suppl 2, 59-64.	0.1	1
104	: Apes, Men, and Language . E. Linden.. American Anthropologist, 1977, 79, 485-485.	0.7	0
105	: Shuffle Brain: The Quest for the Hologramic Mind . Paul Pietsch.. American Anthropologist, 1982, 84, 158-159.	0.7	0
106	: The Evolution of Spatial Competence . Thomas Wynn.. American Anthropologist, 1990, 92, 227-228.	0.7	0
107	More on the radiator. Behavioral and Brain Sciences, 1991, 14, 529-530.	0.4	0
108	The Mother of Us All? Ancestors: In Search of Human Origins Donald Johanson Lenora Johanson Blake Edgar. BioScience, 1995, 45, 108-110.	2.2	0

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109	Evolution of the Brain, Cognition, and Speech. , 0, , 258-271.		0
110	Forgotten bodies too?. Brain, 2015, 138, 1121-1125.	3.7	0
111	Einsteinâ€™s brain: lost and found. Brain, 2018, 141, 2225-2229.	3.7	0
112	Implications of the Evolution of Writing for the Origin of Language: Can a Paleoneurologist Find Happiness in the Neolithic?. , 1992, , 235-241.		0
113	Taung kommt nach St. Louis. , 1994, , 47-60.		0
114	Im Innern der Red Cave. , 1994, , 17-45.		0