

Frans B M De Waal

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

7,277
citations

117625

34
h-index

133252

59
g-index

67
all docs

67
docs citations

67
times ranked

4986
citing authors

#	ARTICLE	IF	CITATIONS
1	Putting the Altruism Back into Altruism: The Evolution of Empathy. Annual Review of Psychology, 2008, 59, 279-300.	17.7	1,763
2	Mammalian empathy: behavioural manifestations and neural basis. Nature Reviews Neuroscience, 2017, 18, 498-509.	10.2	586
3	Self-recognition in an Asian elephant. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 17053-17057.	7.1	505
4	Towards a bottom-up perspective on animal and human cognition. Trends in Cognitive Sciences, 2010, 14, 201-207.	7.8	258
5	Evolution of responses to (un)fairness. Science, 2014, 346, 1251776.	12.6	245
6	The formal hierarchy of rhesus macaques: An investigation of the bared-teeth display. American Journal of Primatology, 1985, 9, 73-85.	1.7	222
7	Giving is self-rewarding for monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13685-13689.	7.1	216
8	Prosocial primates: selfish and unselfish motivations. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2711-2722.	4.0	206
9	The Antiquity of Empathy. Science, 2012, 336, 874-876.	12.6	180
10	Food transfers through mesh in brown capuchins.. Journal of Comparative Psychology (Washington, D.C.), 1979, 93, 179-185.	0.5	179
11	Visual kin recognition in chimpanzees. Nature, 1999, 399, 647-648.	27.8	171
12	Payment for labour in monkeys. Nature, 2000, 404, 563-563.	27.8	167
13	The Organization of Agonistic Relations within two Captive Groups of Java-monkeys (Macaca Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 0.2 134	0.2	134
14	Capuchin cognitive ecology: cooperation based on projected returns. Neuropsychologia, 2003, 41, 221-228.	1.6	121
15	Comparison of the Reconciliation Behavior of Stumptail and Rhesus Macaques. Ethology, 1988, 78, 129-142.	1.1	121
16	Inhibition of social behavior in chimpanzees under high-density conditions. , 1997, 41, 213-228.		118
17	Cultural primatology comes of age. Nature, 1999, 399, 635-636.	27.8	118
18	What is an animal emotion?. Annals of the New York Academy of Sciences, 2011, 1224, 191-206.	3.8	116

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19	Modification of Reconciliation Behavior through Social Experience: An Experiment with Two Macaque Species. <i>Child Development</i> , 1993, 64, 897-908.	3.0	109
20	Ape duos and trios: spontaneous cooperation with free partner choice in chimpanzees. <i>PeerJ</i> , 2014, 2, e417.	2.0	107
21	Postconflict Behavior of Captive Brown Capuchins in the Presence and Absence of Attractive Food. <i>International Journal of Primatology</i> , 1997, 18, 703-725.	1.9	106
22	Behavioral laterality in captive bonobos (<i>Pan paniscus</i>): Replication and extension. <i>International Journal of Primatology</i> , 1995, 16, 261-276.	1.9	96
23	The monkey in the mirror: Hardly a stranger. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11140-11147.	7.1	96
24	Influence of Social Context on the Use of Blended and Graded Facial Displays in Chimpanzees. <i>International Journal of Primatology</i> , 2005, 26, 73-103.	1.9	91
25	Asian elephants (<i>Elephas maximus</i>) reassure others in distress. <i>PeerJ</i> , 2014, 2, e278.	2.0	88
26	The Other "Closest Living Relative": How Bonobos (<i>Pan paniscus</i>) Challenge Traditional Assumptions about Females, Dominance, Intra- and Intersexual Interactions, and Hominid Evolution. <i>Annals of the New York Academy of Sciences</i> , 2000, 907, 97-113.	3.8	82
27	How chimpanzees cooperate in a competitive world. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10215-10220.	7.1	80
28	Dominance style of Japanese macaques compared with rhesus and stumptail macaques. <i>American Journal of Primatology</i> , 1995, 35, 103-116.	1.7	72
29	A century of getting to know the chimpanzee. <i>Nature</i> , 2005, 437, 56-59.	27.8	72
30	Fish, mirrors, and a gradualist perspective on self-awareness. <i>PLoS Biology</i> , 2019, 17, e3000112.	5.6	61
31	Silent invasion: Imanishi's primatology and cultural bias in science. <i>Animal Cognition</i> , 2003, 6, 293-299.	1.8	58
32	The influence of phylogeny, social style, and sociodemographic factors on macaque social network structure. <i>American Journal of Primatology</i> , 2018, 80, e22727.	1.7	52
33	Propagation of handclasp grooming among captive chimpanzees. , 1997, 43, 339-346.		51
34	Ethological observations of social behavior in the operating room. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7575-7580.	7.1	51
35	Modern theories of human evolution foreshadowed by Darwin's <i>Descent of Man</i> . <i>Science</i> , 2021, 372, .	12.6	51
36	Darwin's Legacy and the Study of Primate Visual Communication. <i>Annals of the New York Academy of Sciences</i> , 2006, 1000, 7-31.	3.8	48

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37	Fairness in Animals: Where to from Here?. <i>Social Justice Research</i> , 2012, 25, 336-351.	1.1	38
38	Influence of kinship and spatial density on reconciliation and grooming in rhesus monkeys. , 1996, 39, 35-45.		33
39	Darwin's last laugh. <i>Nature</i> , 2009, 460, 175-175.	27.8	30
40	Only the PAM explains the personalized nature of empathy. <i>Nature Reviews Neuroscience</i> , 2017, 18, 769-769.	10.2	26
41	An Ethogram to Quantify Operating Room Behavior. <i>Annals of Behavioral Medicine</i> , 2016, 50, 487-496.	2.9	23
42	Long-term consistency in chimpanzee consolation behaviour reflects empathetic personalities. <i>Nature Communications</i> , 2017, 8, 292.	12.8	22
43	The Thief in the Mirror. <i>PLoS Biology</i> , 2008, 6, e201.	5.6	21
44	Integration of New Males into Four Social Groups of Tufted Capuchins (<i>Cebus apella</i>). <i>International Journal of Primatology</i> , 2001, 22, 663-683.	1.9	17
45	With a Little Help from a Friend. <i>PLoS Biology</i> , 2007, 5, e190.	5.6	16
46	Animal Conformists. <i>Science</i> , 2013, 340, 437-438.	12.6	15
47	The question of animal emotions. <i>Science</i> , 2022, 375, 1351-1352.	12.6	13
48	Bonobos (<i>Pan paniscus</i>) vocally protest against violations of social expectations.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2016, 130, 44-54.	0.5	12
49	No imitation without identification. <i>Behavioral and Brain Sciences</i> , 1998, 21, 689-689.	0.7	11
50	Straight-aggression and appeal-aggression in <i>Macaca fascicularis</i> . <i>Experientia</i> , 1976, 32, 1268-1270.	1.2	10
51	Empathy: Each is in the right " hopefully, not all in the wrong. <i>Behavioral and Brain Sciences</i> , 2002, 25, 49-71.	0.7	10
52	Research Chimpanzees May Get a Break. <i>PLoS Biology</i> , 2012, 10, e1001291.	5.6	10
53	Novice chimpanzees cooperate successfully in the presence of experts, but may have limited understanding of the task. <i>Animal Cognition</i> , 2018, 21, 87-98.	1.8	8
54	Apes know what others believe. <i>Science</i> , 2016, 354, 39-40.	12.6	7

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55	Peace Lessons from an Unlikely Source. PLoS Biology, 2004, 2, e101.	5.6	7
56	How animals do business. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190663.	4.0	4
57	Bottom-up morality: The basis of human morality in our primate nature. Journal of Moral Education, 2018, 47, 248-258.	1.5	3
58	Reply to Schmidt and Tomasello: Chimpanzees as natural team-players. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6730.	7.1	2
59	Human nature Behave: The Biology of Humans at Our Best and Worst <i>Robert M. Sapolsky</i> Penguin Press, 2017. 796 pp.. Science, 2017, 356, 1239-1239.	12.6	2
60	Empathy, the umbrella term. Neuroscience and Biobehavioral Reviews, 2021, 129, 180-181.	6.1	2
61	Celebrating the 150th anniversary of the <i>Descent of Man</i>. Evolutionary Human Sciences, 2021, 3, .	1.7	1
62	A cross-species perspective on the selfishness axiom. Behavioral and Brain Sciences, 2005, 28, 818-818.	0.7	0
63	Uncovering the Drape: Observing its Impact on Communication With Anesthesia Providers. Environment and Behavior, 2021, 53, 520-539.	4.7	0