Julia Fischer

List of Publications by Year in descending order

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48315 53794 9,096 156 45 88 citations h-index g-index papers 184 184 184 6315 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Word Learning in a Domestic Dog: Evidence for "Fast Mapping". Science, 2004, 304, 1682-1683.	12.6	580
2	A Humanized Version of Foxp2 Affects Cortico-Basal Ganglia Circuits in Mice. Cell, 2009, 137, 961-971.	28.9	555
3	Reduced social interaction and ultrasonic communication in a mouse model of monogenic heritable autism. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1710-1715.	7.1	489
4	Use of statistical programs for nonparametric tests of small samples often leads to incorrectPvalues: examples fromAnimal Behaviour. Animal Behaviour, 1998, 56, 256-259.	1.9	376
5	Neuroliginâ€3â€deficient mice: model of a monogenic heritable form of autism with an olfactory deficit. Genes, Brain and Behavior, 2009, 8, 416-425.	2.2	315
6	THE "ACOUSTIC ADAPTATION HYPOTHESISâ€â€"A REVIEW OF THE EVIDENCE FROM BIRDS, ANURANS AND MAMMALS. Bioacoustics, 2009, 19, 21-48.	1.7	262
7	Factors Affecting Reproduction and Mortality Among Baboons in the Okavango Delta, Botswana. International Journal of Primatology, 2004, 25, 401-428.	1.9	255
8	Baboon loud calls advertise male quality: acoustic features and their relation to rank, age, and exhaustion. Behavioral Ecology and Sociobiology, 2004, 56, 140-148.	1.4	242
9	The central importance of information in studies of animal communication. Animal Behaviour, 2010, 80, 3-8.	1.9	207
10	Female mice respond to male ultrasonic â€~songs' with approach behaviour. Biology Letters, 2009, 5, 589-592.	2.3	194
11	Functionally referential signals: A promising paradigm whose time has passed. Evolutionary Anthropology, 2012, 21, 195-205.	3.4	183
12	Loud calls as indicators of dominance in male baboons (Papio cynocephalus ursinus). Behavioral Ecology and Sociobiology, 2003, 53, 374-384.	1.4	178
13	Acoustic features of male baboon loud calls: Influences of context, age, and individuality. Journal of the Acoustical Society of America, 2002, 111, 1465-1474.	1.1	161
14	Ultrasonic vocalizations in mouse models for speech and socio-cognitive disorders: insights into the evolution of vocal communication. Genes, Brain and Behavior, 2011, 10, 17-27.	2.2	160
15	Barbary macaques categorize shrill barks into two call types. Animal Behaviour, 1998, 55, 799-807.	1.9	133
16	Do age- and sex-related variations reliably reflect body size in non-human primate vocalizations? A review. Primates, 2007, 48, 253-267.	1.1	132
17	Baboon responses to graded bark variants. Animal Behaviour, 2001, 61, 925-931.	1.9	125
18	Sounds and size: identification of acoustic variables that reflect body size in hamadryas baboons, Papio hamadryas. Animal Behaviour, 2006, 72, 43-51.	1.9	115

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19	Acoustic Features of Female Chacma Baboon Barks. Ethology, 2001, 107, 33-54.	1.1	115
20	The Structure and Usage of Female and Male Mouse Ultrasonic Vocalizations Reveal only Minor Differences. PLoS ONE, 2012, 7, e41133.	2.5	113
21	Vervets revisited: A quantitative analysis of alarm call structure and context specificity. Scientific Reports, 2015, 5, 13220.	3.3	111
22	The Vocal Repertoire of Barbary Macaques: A Quantitative Analysis of a Graded Signal System. Ethology, 1998, 104, 203-216.	1.1	110
23	Motivational Shifts in Aging Monkeys and the Origins of Social Selectivity. Current Biology, 2016, 26, 1744-1749.	3.9	107
24	Development of an autism severity score for mice using Nlgn4 null mutants as a construct-valid model of heritable monogenic autism. Behavioural Brain Research, 2013, 251, 41-49.	2.2	105
25	Mice do not require auditory input for the normal development of their ultrasonic vocalizations. BMC Neuroscience, 2012, 13, 40.	1.9	102
26	Bioacoustic Field Research: A Primer to Acoustic Analyses and Playback Experiments With Primates. American Journal of Primatology, 2013, 75, 643-663.	1.7	95
27	Meaning, intention, and inference in primate vocal communication. Neuroscience and Biobehavioral Reviews, 2017, 82, 22-31.	6.1	90
28	Male tolerance and male–male bonds in a multilevel primate society. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14740-14745.	7.1	89
29	Factors Affecting Acoustic Variation in Barbaryâ€macaque (<i>Macaca sylvanus</i>) Disturbance Calls. Ethology, 1995, 101, 51-66.	1.1	86
30	Multilevel Organisation of Animal Sociality. Trends in Ecology and Evolution, 2020, 35, 834-847.	8.7	84
31	Establishing an infrastructure for collaboration in primate cognition research. PLoS ONE, 2019, 14, e0223675.	2.5	79
32	Male infanticide and defense of infants in chacma baboons. , 2000, , 123-152.		78
33	Old World Monkeys Compare to Apes in the Primate Cognition Test Battery. PLoS ONE, 2012, 7, e32024.	2.5	71
34	Local variation in Barbary macaque shrill barks. Animal Behaviour, 1998, 56, 623-629.	1.9	63
35	Do Women's Voices Provide Cues of the Likelihood of Ovulation? The Importance of Sampling Regime. PLoS ONE, 2011, 6, e24490.	2.5	62
36	Quantifying social complexity. Animal Behaviour, 2017, 130, 57-66.	1.9	62

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37	Vocal Repertoire of Sooty Mangabeys (Cercocebus torquatus atys) in the Tai National Park. Ethology, 2004, 110, 301-321.	1.1	60
38	Female sexual behavior and sexual swelling size as potential cues for males to discern the female fertile phase in free-ranging Barbary macaques (Macaca sylvanus) of Gibraltar. Hormones and Behavior, 2007, 52, 375-383.	2.1	60
39	Charting the neglected West: The social system of Guinea baboons. American Journal of Physical Anthropology, 2017, 162, 15-31.	2.1	59
40	Wild Female Olive Baboons Adapt their Grunt Vocalizations to Environmental Conditions. Ethology, 2009, 115, 493-503.	1.1	56
41	Characterizing Vocal Repertoires—Hard vs. Soft Classification Approaches. PLoS ONE, 2015, 10, e0125785.	2.5	56
42	Mice lacking the cerebral cortex develop normal song: Insights into the foundations of vocal learning. Scientific Reports, 2015, 5, 8808.	3.3	53
43	Introgressive hybridization in southern African baboons shapes patterns of mtDNA variation. American Journal of Physical Anthropology, 2010, 142, 125-136.	2.1	52
44	Sex and friendship in a multilevel society: behavioural patterns and associations between female and male Guinea baboons. Behavioral Ecology and Sociobiology, 2016, 70, 323-336.	1.4	52
45	Do acoustic features of lion, Panthera leo, roars reflect sex and male condition?. Journal of the Acoustical Society of America, 2007, 121, 3947.	1.1	50
46	Sources of acoustic variation: Implications for production specificity and call categorization in chacma baboon (<i>Papio ursinus</i>) grunts. Journal of the Acoustical Society of America, 2011, 129, 1631-1641.	1.1	49
47	Structural variability and communicative complexity in acoustic communication. Animal Behaviour, 2017, 134, 229-237.	1.9	49
48	Female Barbary macaque (<i>Macaca sylvanus </i>) copulation calls do not reveal the fertile phase but influence mating outcome. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 571-578.	2.6	47
49	Insights into the evolution of social systems and species from baboon studies. ELife, 2019, 8, .	6.0	47
50	Effect of Acting Experience on Emotion Expression and Recognition in Voice: Non-Actors Provide Better Stimuli than Expected. Journal of Nonverbal Behavior, 2015, 39, 195-214.	1.0	46
51	Transmission Characteristics of Primate Vocalizations: Implications for Acoustic Analyses. PLoS ONE, 2011, 6, e23015.	2.5	46
52	Development of infant baboons' responses to graded bark variants. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2317-2321.	2.6	45
53	An Overview of the Barbary Macaque, Macaca sylvanus, Vocal Repertoire. Folia Primatologica, 2002, 73, 32-45.	0.7	45
54	Facial expressions modulate the ontogenetic trajectory of gazeâ€following among monkeys. Developmental Science, 2010, 13, 913-922.	2.4	45

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55	Is there any evidence for vocal learning in chimpanzee food calls?. Current Biology, 2015, 25, R1028-R1029.	3.9	45
56	Functional referents and acoustic similarity revisited: the case of Barbary macaque alarm calls. Animal Cognition, 2001, 4, 29-35.	1.8	43
57	Emergence of individual recognition in young macaques. Animal Behaviour, 2004, 67, 655-661.	1.9	43
58	Authentic and Play-Acted Vocal Emotion Expressions Reveal Acoustic Differences. Frontiers in Psychology, 2011, 2, 180.	2.1	42
59	Social behavior and patterns of testosterone and glucocorticoid levels differ between male chacma and Guinea baboons. Hormones and Behavior, 2015, 75, 100-110.	2.1	42
60	Towards a new taxonomy of primate vocal production learning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190045.	4.0	41
61	Inferential reasoning and modality dependent discrimination learning in olive baboons (Papio) Tj ETQq1 1 0.7843	14 rgBT /0.5	Overlock 10
62	Constraints in Primate Vocal Production. , 2008, , 92-119.		40
63	Age- and Sex-Related Variations in Clear Calls of Papio ursinus. International Journal of Primatology, 2007, 28, 947-960.	1.9	38
64	Group Composition of Guinea Baboons (Papio papio) at a Water Place Suggests a Fluid Social Organization. International Journal of Primatology, 2011, 32, 652-668.	1.9	36
65	Vocal communication in a complex multi-level society: constrained acoustic structure and flexible call usage in Guinea baboons. Frontiers in Zoology, 2013, 10, 58.	2.0	36
66	Conserved alarm calls but rapid auditory learning in monkey responses to novel flying objects. Nature Ecology and Evolution, 2019, 3, 1039-1042.	7.8	36
67	Infants as costly social tools in male Barbary macaque networks. Animal Behaviour, 2010, 79, 1199-1204.	1.9	35
68	The Influence of Social Systems on Patterns of Mitochondrial DNA Variation in Baboons. International Journal of Primatology, 2014, 35, 210-225.	1.9	35
69	Primate vocal production and the riddle of language evolution. Psychonomic Bulletin and Review, 2017, 24, 72-78.	2.8	35
70	Dusk calling in barbary macaques (Macaca sylvanus): Demand for social shelter. American Journal of Primatology, 1994, 32, 277-289.	1.7	34
71	Adult but not juvenile Barbary macaques spontaneously recognize group members from pictures. Animal Cognition, 2011, 14, 503-509.	1.8	34
72	Authenticity affects the recognition of emotions in speech: behavioral and fMRI evidence. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 140-150.	2.0	34

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73	Acoustic Features of Female Chacma Baboon Barks. Ethology, 2001, 107, 33-54.	1.1	33
74	Communication and Cognition in Primate Group Movement. International Journal of Primatology, 2011, 32, 1279-1295.	1.9	33
75	The multi-dimensional nature of vocal learning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200236.	4.0	33
76	Acoustic Niches of Siberut Primates. International Journal of Primatology, 2008, 29, 601-613.	1.9	32
77	Maternal discrimination of offspring vocalizations in Barbary macaques (Macaca sylvanus). Primates, 1998, 39, 231-236.	1.1	31
78	Representational format determines numerical competence in monkeys. Nature Communications, 2011, 2, 257.	12.8	31
79	Social monitoring in a multilevel society: a playback study with male Guinea baboons. Behavioral Ecology and Sociobiology, 2013, 67, 61-68.	1.4	31
80	Meaning attribution in the West African green monkey: influence of call type and context. Animal Cognition, 2014, 17, 277-286.	1.8	30
81	Population genetic insights into the social organization of Guinea baboons (<i>Papio papio</i>): Evidence for femaleâ€biased dispersal. American Journal of Primatology, 2015, 77, 878-889.	1.7	30
82	A humanized version of Foxp2 does not affect ultrasonic vocalization in adult mice. Genes, Brain and Behavior, 2015, 14, 583-590.	2.2	30
83	Limited geographic variation in the acoustic structure of and responses to adult male alarm barks of African green monkeys. Behavioral Ecology and Sociobiology, 2014, 68, 815-825.	1.4	29
84	Lack of orienting asymmetries in Barbary macaques: implications for studies of lateralized auditory processing. Animal Behaviour, 2007, 73, 249-255.	1.9	28
85	The Vocal Behavior of Barbary Macaques (Macaca Sylvanus): Call Features and Their Performance in Infants and Adults., 1995,, 141-160.		27
86	Male Barbary macaques eavesdrop on mating outcome: a playback study. Animal Behaviour, 2008, 75, 1885-1891.	1.9	26
87	Prospective object search in dogs: mixed evidence for knowledge of What and Where. Animal Cognition, 2008, 11, 367-371.	1.8	25
88	Hand preferences in Barbary macaques (Macaca sylvanus). Laterality, 2008, 13, 143-157.	1.0	25
89	On the relationship between lateralized brain function and orienting asymmetries Behavioral Neuroscience, 2010, 124, 437-445.	1.2	25
90	Encoding Conditions Affect Recognition of Vocally Expressed Emotions Across Cultures. Frontiers in Psychology, 2013, 4, 111.	2.1	25

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91	Greetings in male Guinea baboons and the function of rituals in complex social groups. Journal of Human Evolution, 2018, 125, 87-98.	2.6	25
92	Estrogen and Progestogen Correlates of the Structure of Female Copulation Calls in Semi-Free-Ranging Barbary Macaques (Macaca sylvanus). International Journal of Primatology, 2011, 32, 992-1006.	1.9	23
93	The blurred boundaries of functional reference: a response to Scarantino & Early; Clay. Animal Behaviour, 2015, 100, e9-e13.	1.9	22
94	Information content of female copulation calls in wild long-tailed macaques (Macaca fascicularis). Behavioral Ecology and Sociobiology, 2012, 66, 121-134.	1.4	21
95	Baboon vocal repertoires and the evolution of primate vocal diversity. Journal of Human Evolution, 2019, 126, 1-13.	2.6	21
96	Social aging in male and female Barbary macaques. American Journal of Primatology, 2021, 83, e23272.	1.7	21
97	Reproduction, Mortality, and Female Reproductive Success in Chacma Baboons of the Okavango Delta, Botswana., 2006,, 147-176.		21
98	Male baboon responses to experimental manipulations of loud "wahoo calls†testing an honest signal of fighting ability. Behavioral Ecology and Sociobiology, 2013, 67, 1825-1835.	1.4	20
99	Meat sharing between male and female Guinea baboons (<i>Papio papio</i>). Primate Biology, 2016, 3, 1-8.	1.0	20
100	The postnatal development of ultrasonic vocalizationâ€associated breathing is altered in glycine transporter 2â€deficient mice. Journal of Physiology, 2019, 597, 173-191.	2.9	19
101	Postâ€Conflict Affiliation in Barbary Macaques is Influenced by Conflict Characteristics and Relationship Quality, but Does Not Diminish Shortâ€Term Renewed Aggression. Ethology, 2009, 115, 658-670.	1.1	18
102	Acoustic and Temporal Variation in Gelada (Theropithecus gelada) Loud Calls Advertise Male Quality. International Journal of Primatology, 2016, 37, 568-585.	1.9	18
103	Opportunities and risks in the use of drones for studying animal behaviour. Methods in Ecology and Evolution, 2023, 14, 1864-1872.	5.2	18
104	Orienting asymmetries and lateralized processing of sounds in humans. BMC Neuroscience, 2009, 10, 14.	1.9	17
105	Insights into the genetic foundation of aggression in Papio and the evolution of two length-polymorphisms in the promoter regions of serotonin-related genes (5-HTTLPR and MAOALPR) in Papionini. BMC Evolutionary Biology, 2016, 16, 121.	3.2	17
106	Social interactions and activity patterns of old Barbary macaques: Further insights into the foundations of social selectivity. American Journal of Primatology, 2017, 79, e22711.	1.7	16
107	Emotion Expression: The Evolutionary Heritage in the Human Voice. , 2011, , 105-129.		15
108	Vocal convergence in a multi-level primate society: insights into the evolution of vocal learning. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202531.	2.6	15

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109	Information, inference and meaning in primate vocal behaviour. , 2013, , 297-318.		14
110	Acquisition and functional consequences of social knowledge in macaques. Royal Society Open Science, 2017, 4, 160639.	2.4	14
111	Do monkeys compare themselves to others?. Animal Cognition, 2016, 19, 417-428.	1.8	13
112	How life in a tolerant society affects the usage of grunts: evidence from female and male Guinea baboons. Animal Behaviour, 2019, 153, 83-93.	1.9	13
113	On the evolution of baboon greeting rituals. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190420.	4.0	13
114	A pluralistic account of word learning. Trends in Cognitive Sciences, 2004, 8, 481.	7.8	11
115	Explicit authenticity and stimulus features interact to modulate BOLD response induced by emotional speech. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 318-329.	2.0	11
116	Monkeys perform as well as apes and humans in a size discrimination task. Animal Cognition, 2013, 16, 829-838.	1.8	11
117	Recognizing the authenticity of emotional expressions: F0 contour matters when you need to know. Frontiers in Human Neuroscience, 2014, 8, 144.	2.0	10
118	Long-tailed macaques (<i>Macaca fascicularis</i>) can use simple heuristics but fail at drawing statistical inferences from populations to samples. Royal Society Open Science, 2018, 5, 181025.	2.4	10
119	Bayesian inference and simulation approaches improve the assessment of Eloâ€ratings in the analysis of social behaviour. Methods in Ecology and Evolution, 2018, 9, 2131-2144.	5.2	10
120	Differential ageing trajectories in motivation, inhibitory control and cognitive flexibility in Barbary macaques (<i>Macaca sylvanus</i>). Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190617.	4.0	10
121	Comparative ecology of Guinea baboons (<i>Papio papio</i>). Primate Biology, 2021, 8, 19-35.	1.0	10
122	Trialling Meta-Research in Comparative Cognition: Claims and Statistical Inference in Animal Physical Cognition. Animal Behavior and Cognition, 2020, 7, 419-444.	1.0	10
123	Hot Speech and Exploding Bombs: Autonomic Arousal During Emotion Classification of Prosodic Utterances and Affective Sounds. Frontiers in Psychology, 2018, 9, 228.	2.1	9
124	Macaque Gaze Responses to the Primatar: A Virtual Macaque Head for Social Cognition Research. Frontiers in Psychology, 2020, 11, 1645.	2.1	9
125	Primate Vocal Communication and the Evolution of Speech. Current Directions in Psychological Science, 2021, 30, 55-60.	5. 3	9
126	High Prevalence of Antibodies against the Bacterium Treponema pallidum in Senegalese Guinea Baboons (Papio papio). PLoS ONE, 2015, 10, e0143100.	2.5	9

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127	Seeing the Experimenter Influences the Response to Pointing Cues in Long-Tailed Macaques. PLoS ONE, 2014, 9, e91348.	2.5	8
128	How life in a tolerant society affects the attention to social information in baboons. Animal Behaviour, 2019, 152, 11-17.	1.9	8
129	Kin bias and male pair-bond status shape male-male relationships in a multilevel primate society. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	8
130	Does the Stimulus Type Influence Horses' Performance in a Quantity Discrimination Task?. Frontiers in Psychology, 2012, 3, 504.	2.1	7
131	Acoustic variation of spider monkeys' contact calls (whinnies) is related to distance between vocalizing individuals and immediate caller behavior. American Journal of Primatology, 2018, 80, e22747.	1.7	7
132	Competition is crucial for social comparison processes in long-tailed macaques. Biology Letters, 2019, 15, 20180784.	2.3	7
133	Does the Structure of Female Rhesus Macaque Coo Calls Reflect Relatedness and/or Familiarity?. PLoS ONE, 2016, 11, e0161133.	2.5	7
134	Nonhuman primate alarm calls then and now. Animal Behavior and Cognition, 2020, 7, .	1.0	7
135	Communicative and Cognitive Underpinnings of Animal Group Movement. , 2011, , 229-244.		6
136	Understanding of and reasoning about object–object relationships in long-tailed macaques?. Animal Cognition, 2013, 16, 493-507.	1.8	6
137	On the Social Life and Motivational Changes of Aging Monkeys. Gerontology, 2017, 63, 572-579.	2.8	5
138	Long-tailed macaques extract statistical information from repeated types of events to make rational decisions under uncertainty. Scientific Reports, 2019, 9, 12107.	3.3	5
139	Introduction to special issue: Frontiers in baboon research. Journal of Human Evolution, 2020, 146, 102822.	2.6	5
140	Male–male social bonding, coalitionary support and reproductive success in wild Guinea baboons. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	2.6	5
141	Nothing to Talk About. The Frontiers Collection, 2010, , 35-48.	0.2	4
142	Coordination during group departures and progressions in the tolerant multi-level society of wild Guinea baboons (Papio papio). Scientific Reports, 2021, 11, 21938.	3.3	4
143	Are monkeys intuitive Aristotelians? Associations between target size and vertical target position in long-tailed macaques. Royal Society Open Science, 2018, 5, 170889.	2.4	3
144	On Multifaceted Definitions of Multilevel Societies: Response to Papageorgiou and Farine. Trends in Ecology and Evolution, 2021, 36, 17-19.	8.7	3

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145	Keeping in Contact: Flexibility in Calls of Olive Baboons. , 2011, , 413-436.		2
146	Do infants and preschoolers quantify probabilities based on proportions?. Royal Society Open Science, 2020, 7, 191751.	2.4	2
147	Causal Reasoning in Non-Human Animals. , 2017, , .		1
148	Information Transmission in Nonhuman Primates: From Communication to ÂSocial Learning \hat{a} , 2017, 171-188.		1
149	Dorothy L. Cheney (1950–2018). Nature Ecology and Evolution, 2019, 3, 147-148.	7.8	1
150	INFORMATION AND INFLUENCE IN ANIMAL COMMUNICATION. , 2010, , .		1
151	A refined panel of 42 microsatellite loci to universally genotype catarrhine primates. Ecology and Evolution, 2021, 11, 498-505.	1.9	1
152	Primate Social Intelligence., 2013,, 655-669.		0
153	Evolution der Kommunikation. Akademie Der Wissenschaften Zu Goettingen Jahrbuch, 2014, 2014, .	0.0	0
154	Birds tune in to sequential information when categorizing their songs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1658-1659.	7.1	0
155	Julia Fischer. Current Biology, 2016, 26, R143-R145.	3.9	0
156	The Fish is Wearing Trousers: Taking Issue with the Theory of Affective Pragmatics. Psychological Inquiry, 2017, 28, 194-196.	0.9	0