

# Elisabetta Palagi

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

3,866  
citations

101535

36  
h-index

149686

56  
g-index

126  
all docs

126  
docs citations

126  
times ranked

1472  
citing authors

#	ARTICLE	IF	CITATIONS
1	Social play in bonobos ( <i>Pan paniscus</i> ) and chimpanzees ( <i>Pan troglodytes</i> ): Implications for natural social systems and interindividual relationships. <i>American Journal of Physical Anthropology</i> , 2006, 129, 418-426.	2.1	172
2	Rough and tumble play as a window on animal communication. <i>Biological Reviews</i> , 2016, 91, 311-327.	10.4	144
3	Reconciliation and consolation in captive bonobos ( <i>Pan paniscus</i> ). <i>American Journal of Primatology</i> , 2004, 62, 15-30.	1.7	125
4	Short-Term Benefits of Play Behavior and Conflict Prevention in <i>Pan paniscus</i> . <i>International Journal of Primatology</i> , 2006, 27, 1257-1270.	1.9	120
5	Yawn Contagion and Empathy in <i>Homo sapiens</i> . <i>PLoS ONE</i> , 2011, 6, e28472.	2.5	118
6	Social tolerance and adult play in macaque societies: a comparison with different human cultures. <i>Animal Behaviour</i> , 2012, 84, 1313-1322.	1.9	104
7	Postconflict third-party affiliation in <i>Canis lupus</i> : do wolves share similarities with the great apes?. <i>Animal Behaviour</i> , 2009, 78, 979-986.	1.9	102
8	Rapid mimicry and emotional contagion in domestic dogs. <i>Royal Society Open Science</i> , 2015, 2, 150505.	2.4	98
9	Exploring the evolutionary foundations of empathy: consolation in monkeys. <i>Evolution and Human Behavior</i> , 2014, 35, 341-349.	2.2	96
10	The neuroethology of spontaneous mimicry and emotional contagion in human and non-human animals. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 149-165.	6.1	96
11	In Bonobos Yawn Contagion Is Higher among Kin and Friends. <i>PLoS ONE</i> , 2012, 7, e49613.	2.5	89
12	Play and social dynamics in a captive herd of gelada baboons ( <i>Theropithecus gelada</i> ). <i>Behavioural Processes</i> , 2009, 82, 286-292.	1.1	86
13	Rapid Facial Mimicry In Geladas. <i>Scientific Reports</i> , 2013, 3, 1527.	3.3	77
14	Reconciliation and Consolation in Captive Western Gorillas. <i>International Journal of Primatology</i> , 2006, 27, 1365-1382.	1.9	74
15	Reconciliation in Wolves ( <i>Canis lupus</i> ): New Evidence for a Comparative Perspective. <i>Ethology</i> , 2008, 114, 298-308.	1.1	73
16	Fine-tuning of social play in juvenile lowland gorillas ( <i>gorilla gorilla gorilla</i> ). <i>Developmental Psychobiology</i> , 2007, 49, 433-445.	1.6	69
17	Yawn contagion in humans and bonobos: emotional affinity matters more than species. <i>PeerJ</i> , 2014, 2, e519.	2.0	69
18	Multimodal signaling in wild <i>Lemur catta</i> : Economic design and territorial function of urine marking. <i>American Journal of Physical Anthropology</i> , 2009, 139, 182-192.	2.1	67

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19	Not just for fun! Social play as a springboard for adult social competence in human and non-human primates. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	65
20	Possible Roles of Consolation in Captive Chimpanzees ( <i>Pan troglodytes</i> ). <i>American Journal of Physical Anthropology</i> , 2006, 129, 105-111.	2.1	61
21	Mimic me while playing! Social tolerance and rapid facial mimicry in macaques ( <i>Macaca tonkeana</i> and <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.5	60
22	Ontogenetic Trajectories of Chimpanzee Social Play: Similarities with Humans. <i>PLoS ONE</i> , 2011, 6, e27344.	2.5	59
23	Stranger to Familiar: Wild Strepsirhines Manage Xenophobia by Playing. <i>PLoS ONE</i> , 2010, 5, e13218.	2.5	58
24	In Play We Trust. Rapid Facial Mimicry Predicts the Duration of Playful Interactions in Geladas. <i>PLoS ONE</i> , 2013, 8, e66481.	2.5	58
25	Play in adult bonobos ( <i>Pan paniscus</i> ): Modality and potential meaning. <i>American Journal of Physical Anthropology</i> , 2007, 134, 219-225.	2.1	56
26	When play is a family business: adult play, hierarchy, and possible stress reduction in common marmosets. <i>Primates</i> , 2011, 52, 101-104.	1.1	56
27	Playing with the face: Playful facial "chattering" and signal modulation in a monkey species ( <i>Theropithecus gelada</i> ).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2011, 125, 11-21.	0.5	54
28	Bonobos Protect and Console Friends and Kin. <i>PLoS ONE</i> , 2013, 8, e79290.	2.5	49
29	Peacemaking on treetops: first evidence of reconciliation from a wild prosimian ( <i>Propithecus</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.9	48
30	Adult play fighting and potential role of tail signals in ringtailed lemurs ( <i>Lemur catta</i> ).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2009, 123, 1-9.	0.5	48
31	What Does Agonistic Dominance Imply in Bonobos?. , 2008, , 39-54.		48
32	Emotionality and intentionality in bonobo playful communication. <i>Animal Cognition</i> , 2015, 18, 333-344.	1.8	46
33	The Right Time to Happen: Play Developmental Divergence in the Two Pan Species. <i>PLoS ONE</i> , 2012, 7, e52767.	2.5	44
34	Mating First, Mating More: Biological Market Fluctuation in a Wild Prosimian. <i>PLoS ONE</i> , 2009, 4, e4679.	2.5	40
35	Different yawns, different functions? Testing social hypotheses on spontaneous yawning in <i>Theropithecus gelada</i> . <i>Scientific Reports</i> , 2014, 4, 4010.	3.3	40
36	Unveiling the "secret" of play in dogs ( <i>Canis lupus familiaris</i> ): Asymmetry and signals.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2016, 130, 278-287.	0.5	40

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37	Scratching around stress: Hierarchy and reconciliation make the difference in wild brown lemurs ( <i>Eulemur fulvus</i> ). <i>Stress</i> , 2011, 14, 93-97.	1.8	39
38	Modeling play: distinguishing between origins and current functions. <i>Adaptive Behavior</i> , 2015, 23, 331-339.	1.9	39
39	Fair play and its connection with social tolerance, reciprocity and the ethology of peace. <i>Behaviour</i> , 2016, 153, 1195-1216.	0.8	38
40	<i>She</i> more than <i>he</i> : gender bias supports the empathic nature of yawn contagion in <i>Homo sapiens</i>. <i>Royal Society Open Science</i> , 2016, 3, 150459.	2.4	37
41	Sharing playful mood: rapid facial mimicry in <i>Suricata suricatta</i> . <i>Animal Cognition</i> , 2019, 22, 719-732.	1.8	30
42	Lowland gorillas ( <i>Gorilla gorilla gorilla</i> ) failed to respond to othersâ€™ yawn: Experimental and naturalistic evidence.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2019, 133, 406-416.	0.5	30
43	Relaxed open mouth as a playful signal in wild ring-tailed lemurs. <i>American Journal of Primatology</i> , 2014, 76, 1074-1083.	1.7	29
44	Dominance interactions in young adult paper wasp ( <i>Polistes dominulus</i> ) foundresses: A playlike behavior?. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2006, 120, 394-400.	0.5	28
45	Aggression and Reconciliation in Two Captive Groups of <i>Lemur catta</i> . <i>International Journal of Primatology</i> , 2005, 26, 279-294.	1.9	27
46	Response of captive lowland gorillas ( <i>Gorilla gorilla gorilla</i> ) to different housing conditions: Testing the aggression-density and coping models.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2019, 133, 406-416.	0.5	30
47	Facial mimicry and play: A comparative study in chimpanzees and gorillas.. <i>Emotion</i> , 2019, 19, 665-681.	1.8	27
48	Scratching around mating: factors affecting anxiety in wild <i>Lemur catta</i> . <i>Primates</i> , 2012, 53, 247-254.	1.1	26
49	Play behavioural tactics under space reduction: social challenges in bonobos, <i>Pan paniscus</i> . <i>Animal Behaviour</i> , 2009, 78, 469-476.	1.9	25
50	Testing yawning hypotheses in wild populations of two strepsirrhine species: <i>Propithecus verreauxi</i> and <i>Lemur catta</i>. <i>American Journal of Primatology</i> , 2015, 77, 1207-1215.	1.7	25
51	Peaceful Post-Conflict Interactions between Aggressors and Bystanders in captive lowland gorillas (<i>Gorilla gorilla gorilla</i>). <i>American Journal of Primatology</i> , 2008, 70, 949-955.	1.7	24
52	The evolution of two types of play. <i>Behavioral Ecology</i> , 2019, 30, 1388-1397.	2.2	24
53	The socio-matrix reloaded: from hierarchy to dominance profile in wild lemurs. <i>PeerJ</i> , 2015, 3, e729.	2.0	24
54	Differences in play can illuminate differences in affiliation: A comparative study on chimpanzees and gorillas. <i>PLoS ONE</i> , 2018, 13, e0193096.	2.5	23

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55	Yawn contagion promotes motor synchrony in wild lions, <i>Panthera leo</i> . <i>Animal Behaviour</i> , 2021, 174, 149-159.	1.9	22
56	Ultrasonographic Investigation of Human Fetus Responses to Maternal Communicative and Non-communicative Stimuli. <i>Frontiers in Psychology</i> , 2016, 7, 354.	2.1	20
57	Auditory Contagious Yawning Is Highest Between Friends and Family Members: Support to the Emotional Bias Hypothesis. <i>Frontiers in Psychology</i> , 2020, 11, 442.	2.1	20
58	Wolf-like or dog-like? A comparison of gazing behaviour across three dog breeds tested in their familiar environments. <i>Royal Society Open Science</i> , 2019, 6, 190946.	2.4	19
59	Agonistic support towards victims buffers aggression in geladas ( <i>Theropithecus gelada</i> ). <i>Behaviour</i> , 2016, 153, 1217-1243.	0.8	18
60	Are horses capable of mirror self-recognition? A pilot study. <i>PLoS ONE</i> , 2017, 12, e0176717.	2.5	18
61	Being a victim or an aggressor: Different functions of triadic post-conflict interactions in wolves ( <i>Canis lupus lupus</i> ). <i>Aggressive Behavior</i> , 2015, 41, 526-536.	2.4	17
62	Aggression and hierarchical steepness inhibit social play in adult wolves. <i>Behaviour</i> , 2016, 153, 749-766.	0.8	17
63	Relaxed Open Mouth reciprocity favours playful contacts in South American sea lions ( <i>Otaria</i> ). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>	1.1	17
64	Yawning and social styles: Different functions in tolerant and despotic macaques ( <i>Macaca tonkeana</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.5	16
65	Physiological outcomes of calming behaviors support the resilience hypothesis in horses. <i>Scientific Reports</i> , 2018, 8, 17501.	3.3	16
66	Reconciling conflicts in a one-male society: the case of geladas ( <i>Theropithecus gelada</i> ). <i>Primates</i> , 2010, 51, 203-212.	1.1	15
67	Integrating Tinbergen's inquiries: Mimicry and play in humans and other social mammals. <i>Learning and Behavior</i> , 2017, 45, 378-389.	1.0	15
68	Consistency and flexibility in solving spatial tasks: different horses show different cognitive styles. <i>Scientific Reports</i> , 2017, 7, 16557.	3.3	15
69	Mirror replication of sexual facial expressions increases the success of sexual contacts in bonobos. <i>Scientific Reports</i> , 2020, 10, 18979.	3.3	15
70	Let's unite in play! Play modality and group membership in wild geladas. <i>Behavioural Processes</i> , 2021, 184, 104338.	1.1	15
71	Do wild brown lemurs reconcile? Not always. <i>Journal of Ethology</i> , 2011, 29, 181-185.	0.8	14
72	Ethological Approaches to Empathy in Primates. , 2018, , 53-66.		14

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73	Levelling playing field: synchronization and rapid facial mimicry in dog-horse play. <i>Behavioural Processes</i> , 2020, 174, 104104.	1.1	14
74	Play fighting in wild spotted hyaenas: like a bridge over the troubled water of a hierarchical society. <i>Animal Behaviour</i> , 2021, 180, 363-373.	1.9	14
75	Strong Competition Does Not Always Predict Play Asymmetry: The Case of South American Sea Lions ( <i>Otaria flavescens</i> ). <i>Ethology</i> , 2017, 123, 270-282.	1.1	13
76	High-Ranking Geladas Protect and Comfort Others After Conflicts. <i>Scientific Reports</i> , 2018, 8, 15291.	3.3	13
77	Back to the Future: A Glance Over Wolf Social Behavior to Understand Dog-Human Relationship. <i>Animals</i> , 2019, 9, 991.	2.3	13
78	First evidence of yawn contagion in a wild monkey species. <i>Scientific Reports</i> , 2021, 11, 17957.	3.3	13
79	Spontaneous Yawning and its Potential Functions in South American Sea Lions ( <i>Otaria flavescens</i> ). <i>Scientific Reports</i> , 2019, 9, 17226.	3.3	11
80	The Season for Peace: Reconciliation in a Despotic Species ( <i>Lemur catta</i> ). <i>PLoS ONE</i> , 2015, 10, e0142150.	2.5	11
81	Managing Conflict: Evidence from Wild and Captive Primates. <i>International Journal of Primatology</i> , 2006, 27, 1235-1240.	1.9	10
82	Look at me while having sex! Eye-to-eye contact affects homosexual behaviour in bonobo females. <i>Behaviour</i> , 2020, 157, 949-970.	0.8	10
83	Difference in contagious yawning between susceptible men and women: why not?. <i>Royal Society Open Science</i> , 2016, 3, 160477.	2.4	9
84	Is birth attendance a uniquely human feature? New evidence suggests that Bonobo females protect and support the parturient. <i>Evolution and Human Behavior</i> , 2018, 39, 502-510.	2.2	9
85	Earlier than previously thought: Yawn contagion in preschool children. <i>Developmental Psychobiology</i> , 2021, 63, 931-944.	1.6	9
86	If horses had toes: demonstrating mirror self recognition at group level in <i>Equus caballus</i> . <i>Animal Cognition</i> , 2021, 24, 1099-1108.	1.8	9
87	Visual communication in social play of a hierarchical carnivore species: the case of wild spotted hyenas. <i>Environmental Epigenetics</i> , 2022, 68, 411-422.	1.8	9
88	Aggression does not increase friendly contacts among bystanders in geladas ( <i>Theropithecus gelada</i> ). <i>Primates</i> , 2010, 51, 299-305.	1.1	8
89	Play, aggressive conflict and reconciliation in pre-school children: what matters?. <i>Behaviour</i> , 2016, 153, 1075-1102.	0.8	8
90	Intraspecific Motor and Emotional Alignment in Dogs and Wolves: The Basic Building Blocks of Dog-Human Affective Connectedness. <i>Animals</i> , 2020, 10, 241.	2.3	8

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91	Bridging Captive and Wild Studies: Behavioral Plasticity and Social Complexity in Theropithecus gelada. <i>Animals</i> , 2021, 11, 3003.	2.3	8
92	Calming an aggressor through spontaneous post-conflict triadic contacts: Appeasement in <i>Macaca tonkeana</i> . <i>Aggressive Behavior</i> , 2018, 44, 406-415.	2.4	7
93	First evidence of stone handling in geladas: From simple to more complex forms of object play. <i>Behavioural Processes</i> , 2020, 180, 104253.	1.1	7
94	Facial displays in red-capped mangabeys ( <i>Cercocebus torquatus</i> ): Repertoire, social context, and potential intentionality.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2021, 135, 98-113.	0.5	7
95	Yawning Is More Contagious in Pregnant Than Nulliparous Women. <i>Human Nature</i> , 2021, 32, 301-325.	1.6	7
96	Not all yawns tell the same story: The case of Tonkean macaques. <i>American Journal of Primatology</i> , 2021, 83, e23263.	1.7	6
97	Wild geladas ( <i>Theropithecus gelada</i> ) in crops "more than in pasture areas" reduce aggression and affiliation. <i>Primates</i> , 2021, 62, 571-584.	1.1	6
98	The face never lies: facial expressions and mimicry modulate playful interactions in wild geladas. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	1.4	6
99	Playful interactions and facial mimicry in infant bonobos ( <i>Pan paniscus</i> ). <i>Ethology Ecology and Evolution</i> , 2022, 34, 344-359.	1.4	6
100	Sex and grooming as exchange commodities in female bonobos'™ daily biological market. <i>Scientific Reports</i> , 2021, 11, 19344.	3.3	5
101	Playing at the Edge of the Sea: A Comparative Analysis in Otariids and Odobenids. <i>Ethology and Behavioral Ecology of Marine Mammals</i> , 2021, , 391-412.	0.9	5
102	Embracing in a female-bonded monkey species ( <i>Theropithecus gelada</i> ).. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2019, 133, 442-451.	0.5	5
103	Playing together, laughing together: rapid facial mimicry and social sensitivity in lowland gorillas. <i>Environmental Epigenetics</i> , 2022, 68, 560-569.	1.8	5
104	The relaxed open mouth is a true signal in dogs: demonstrating Tinbergen's ritualization process. <i>Animal Behaviour</i> , 2022, 188, 65-74.	1.9	5
105	Looking into each other's eyes makes it better: eye-to-eye contact enhances sexual interactions in wild geladas. <i>Animal Behaviour</i> , 2021, 177, 269-276.	1.9	4
106	Familiarity modulates both intra- and interspecific yawn contagion in red-capped mangabeys. <i>Scientific Reports</i> , 2022, 12, .	3.3	4
107	The Influence of Sexual Swelling on the Behaviour of Captive Female Chimpanzees <i>&lt;i&gt;(Pan) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	0.7	3
108	Playing at Every Age: ., 2010, , .		3

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109	Play to learn, teach by play. Behavioral and Brain Sciences, 2015, 38, e53.	0.7	3
110	Motivation of play: from ethological to neurological perspectives. Behaviour, 2016, 153, 655-662.	0.8	3
111	Navigating from live to virtual social interactions: looking at but not manipulating smartphones provokes a spontaneous mimicry response in the observers. Journal of Ethology, 2021, 39, 287-296.	0.8	3
112	Infant handling increases grooming towards mothers in wild geladas (Theropithecus gelada). Behavioural Processes, 2021, 192, 104501.	1.1	3
113	Disentangling attentional and affective contribution to contagious yawning. Neuroscience and Biobehavioral Reviews, 2022, 132, 892-893.	6.1	3
114	Don't stop me now, I'm having such a good time! Czechoslovakian wolfdogs renovate the motivation to play with a bow. Environmental Epigenetics, 0, , .	1.8	3
115	Getting rid of blinkers: the case of mirror self-recognition in horses (Equus caballus). Animal Cognition, 0, , .	1.8	2
116	When do you scratch that itch? The relative impact of different factors on scratching depends on the selection of time scale and timing. Royal Society Open Science, 2017, 4, 170106.	2.4	1
117	Inter-sexual multimodal communication during mating in wild geladas: the leading role of females. Environmental Epigenetics, 0, , .	1.8	1
118	Reaching versus catching: flexible hand preference in ring-tailed lemurs. Ethology Ecology and Evolution, 2023, 35, 449-470.	1.4	1
119	Emotional Contagion. , 2018, , 1-6.		0
120	Emotional Contagion. , 2022, , 2285-2290.		0