

Pier Francesco Ferrari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12130536/publications.pdf>

Version: 2024-02-01

62
papers

6,288
citations

136950

32
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

5195
citing authors

#	ARTICLE	IF	CITATIONS
1	Parietal Lobe: From Action Organization to Intention Understanding. <i>Science</i> , 2005, 308, 662-667.	12.6	1,768
2	Empathy: Gender effects in brain and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 46, 604-627.	6.1	641
3	Mirror neurons responding to the observation of ingestive and communicative mouth actions in the monkey ventral premotor cortex. <i>European Journal of Neuroscience</i> , 2003, 17, 1703-1714.	2.6	583
4	Functional organization of inferior parietal lobule convexity in the macaque monkey: electrophysiological characterization of motor, sensory and mirror responses and their correlation with cytoarchitectonic areas. <i>European Journal of Neuroscience</i> , 2008, 28, 1569-1588.	2.6	304
5	Mirror Neurons Responding to Observation of Actions Made with Tools in Monkey Ventral Premotor Cortex. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 212-226.	2.3	274
6	Reciprocal Face-to-Face Communication between Rhesus Macaque Mothers and Their Newborn Infants. <i>Current Biology</i> , 2009, 19, 1768-1772.	3.9	258
7	Towards a bottom-up perspective on animal and human cognition. <i>Trends in Cognitive Sciences</i> , 2010, 14, 201-207.	7.8	258
8	Distinct EEG Amplitude Suppression to Facial Gestures as Evidence for a Mirror Mechanism in Newborn Monkeys. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 1165-1172.	2.3	158
9	Neurons Controlling Voluntary Vocalization in the Macaque Ventral Premotor Cortex. <i>PLoS ONE</i> , 2011, 6, e26822.	2.5	137
10	Mirror Neurons and the Evolution of Embodied Language. <i>Current Directions in Psychological Science</i> , 2007, 16, 136-141.	5.3	132
11	Interindividual Differences in Neonatal Imitation and the Development of Action Chains in Rhesus Macaques. <i>Child Development</i> , 2009, 80, 1057-1068.	3.0	113
12	Inhaled oxytocin increases positive social behaviors in newborn macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6922-6927.	7.1	107
13	The Mirror Neuron System. <i>Neuroscientist</i> , 2011, 17, 524-538.	3.5	90
14	Serotonin and aggressive behavior in rodents and nonhuman primates: Predispositions and plasticity. <i>European Journal of Pharmacology</i> , 2005, 526, 259-273.	3.5	88
15	Grasping Neurons of Monkey Parietal and Premotor Cortices Encode Action Goals at Distinct Levels of Abstraction during Complex Action Sequences. <i>Journal of Neuroscience</i> , 2011, 31, 5876-5886.	3.6	84
16	Mu desynchronization during observation and execution of facial expressions in 30-month-old children. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 279-287.	4.0	82
17	Rapid Facial Mimicry In Geladas. <i>Scientific Reports</i> , 2013, 3, 1527.	3.3	77
18	Evolution of mirror systems: a simple mechanism for complex cognitive functions. <i>Annals of the New York Academy of Sciences</i> , 2011, 1225, 166-175.	3.8	76

#	ARTICLE	IF	CITATIONS
19	Anatomo-functional organization of the ventral primary motor and premotor cortex in the macaque monkey. <i>European Journal of Neuroscience</i> , 2012, 36, 3376-3387.	2.6	63
20	The functional architecture of mother-infant communication, and the development of infant social expressiveness in the first two months. <i>Scientific Reports</i> , 2016, 6, 39019.	3.3	63
21	Selectivity for grip type and action goal in macaque inferior parietal and ventral premotor grasping neurons. <i>Journal of Neurophysiology</i> , 2012, 108, 1607-1619.	1.8	60
22	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
23	Early maternal mirroring predicts infant motor system activation during facial expression observation. <i>Scientific Reports</i> , 2017, 7, 11738.	3.3	54
24	The Inferior Parietal Lobule: Where Action Becomes Perception. <i>Novartis Foundation Symposium</i> , 0, , 129-145.	1.1	53
25	Mirror neuron research: the past and the future. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130169.	4.0	52
26	Early rearing history influences oxytocin receptor epigenetic regulation in rhesus macaques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11769-11774.	7.1	49
27	Cortical and subcortical connections of parietal and premotor nodes of the monkey hand mirror neuron network. <i>Brain Structure and Function</i> , 2018, 223, 1713-1729.	2.3	48
28	Neuronal Chains for Actions in the Parietal Lobe: A Computational Model. <i>PLoS ONE</i> , 2011, 6, e27652.	2.5	47
29	Simultaneous scalp recorded EEG and local field potentials from monkey ventral premotor cortex during action observation and execution reveals the contribution of mirror and motor neurons to the mu-rhythm. <i>NeuroImage</i> , 2018, 175, 22-31.	4.2	43
30	Neurophysiological bases underlying the organization of intentional actions and the understanding of others's intention. <i>Consciousness and Cognition</i> , 2013, 22, 1095-1104.	1.5	40
31	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
32	From action to language: comparative perspectives on primate tool use, gesture and the evolution of human language. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 4-9.	4.0	39
33	Social stress contagion in rats: Behavioural, autonomic and neuroendocrine correlates. <i>Psychoneuroendocrinology</i> , 2017, 82, 155-163.	2.7	37
34	Faces in the mirror, from the neuroscience of mimicry to the emergence of mentalizing. <i>Journal of Anthropological Sciences</i> , 2016, 94, 113-26.	0.4	33
35	The inferior parietal lobule: where action becomes perception. <i>Novartis Foundation Symposium</i> , 2006, 270, 129-40; discussion 140-5, 164-9.	1.1	24
36	Congenital facial palsy and emotion processing: The case of Moebius syndrome. <i>Genes, Brain and Behavior</i> , 2019, 18, e12548.	2.2	23

#	ARTICLE	IF	CITATIONS
37	Mirror Neurons of Ventral Premotor Cortex Are Modulated by Social Cues Provided by Others' Gaze. <i>Journal of Neuroscience</i> , 2016, 36, 3145-3156.	3.6	21
38	Mirror systems. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2011, 2, 22-38.	2.8	20
39	Autonomic Responses to Emotional Stimuli in Children Affected by Facial Palsy: The Case of Moebius Syndrome. <i>Neural Plasticity</i> , 2019, 2019, 1-13.	2.2	17
40	The extended features of mirror neurons and the voluntary control of vocalization in the pathway to language. <i>Language and Cognition</i> , 2013, 5, 145-155.	0.6	15
41	Children with facial paralysis due to Moebius syndrome exhibit reduced autonomic modulation during emotion processing. <i>Journal of Neurodevelopmental Disorders</i> , 2019, 11, 12.	3.1	15
42	Intranasal oxytocin enhances EEG mu rhythm desynchronization during execution and observation of social action: An exploratory study. <i>Psychoneuroendocrinology</i> , 2020, 111, 104467.	2.7	14
43	EEG beta desynchronization during hand goal-directed action observation in newborn monkeys and its relation to the emergence of hand motor skills. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 142-149.	4.0	13
44	Exploring the EEG mu rhythm associated with observation and execution of a goal-directed action in 14-month-old preterm infants. <i>Scientific Reports</i> , 2019, 9, 8975.	3.3	12
45	A proposal for new neurorehabilitative intervention on Moebius Syndrome patients after "smile surgery". Proof of concept based on mirror neuron system properties and hand-mouth synergistic activity. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 111-122.	6.1	11
46	Sculpting Culture: Early Maternal Responsiveness and Child Emotion Regulation " A UK-Italy Comparison. <i>Journal of Cross-Cultural Psychology</i> , 2021, 52, 22-42.	1.6	11
47	Cortical Motor Organization, Mirror Neurons, and Embodied Language: An Evolutionary Perspective. <i>Biolinguistics</i> , 2012, 6, 308-337.	0.6	11
48	The Effects of Maternal Mirroring on the Development of Infant Social Expressiveness: The Case of Infant Cleft Lip. <i>Neural Plasticity</i> , 2018, 2018, 1-10.	2.2	10
49	Development of space perception in relation to the maturation of the motor system in infant rhesus macaques (<i>Macaca mulatta</i>). <i>Neuropsychologia</i> , 2015, 70, 429-441.	1.6	9
50	Reflections on the differential organization of mirror neuron systems for hand and mouth and their role in the evolution of communication in primates. <i>Interaction Studies</i> , 2018, 19, 38-53.	0.6	9
51	Mirror neurons are central for a second-person neuroscience: Insights from developmental studies. <i>Behavioral and Brain Sciences</i> , 2013, 36, 438-438.	0.7	7
52	Long-term results of facial animation surgery in patients with Moebius syndrome. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2020, 48, 1132-1137.	1.7	6
53	Beyond aerodigestion: Exaptation of feeding-related mouth movements for social communication in human and nonhuman primates. <i>Behavioral and Brain Sciences</i> , 2017, 40, e397.	0.7	5
54	Learning new sport actions: Pilot study to investigate the imitative and the verbal instructive teaching methods in motor education. <i>PLoS ONE</i> , 2020, 15, e0237697.	2.5	5

#	ARTICLE	IF	CITATIONS
55	A New Neurorehabilitative Postsurgery Intervention for Facial Palsy Based on Smile Observation and Hand-Mouth Motor Synergies. <i>Neural Plasticity</i> , 2021, 2021, 1-13.	2.2	5
56	Oxytocin promotes prosocial behavior and related neural responses in infant macaques at-risk for compromised social development. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100950.	4.0	5
57	Grasping Neurons in the Ventral Premotor Cortex of Macaques Are Modulated by Social Goals. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 299-313.	2.3	4
58	Early social adversity modulates the relation between attention biases and socioemotional behaviour in juvenile macaques. <i>Scientific Reports</i> , 2021, 11, 21704.	3.3	3
59	Post-surgery Rehabilitative Intervention Based on Imitation Therapy and Mouth-Hand Motor Synergies Provides Better Outcomes in Smile Production in Children and Adults With Long Term Facial Paralysis. <i>Frontiers in Neurology</i> , 2022, 13, .	2.4	1
60	Reflections on the differential organization of mirror neuron systems for hand and mouth and their role in the evolution of communication in primates. <i>Contemporary Discourses of Hate and Radicalism Across Space and Genres</i> , 2020, , 38-53.	0.0	0
61	Facial Expression Time Processing in Typical Development and in Patients with Congenital Facial Palsy. <i>Brain Sciences</i> , 2022, 12, 516.	2.3	0
62	Reflections on the differential organization of mirror neuron systems for hand and mouth and their role in the evolution of communication in primates.. <i>Interaction Studies</i> , 2018, 19, 38-53.	0.6	0