

# Fausto Caruana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4613022/publications.pdf>

Version: 2024-02-01

40  
papers

2,231  
citations

361296

20  
h-index

345118

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2355  
citing authors

#	ARTICLE	IF	CITATIONS
1	When pliers become fingers in the monkey motor system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2209-2213.	3.3	337
2	Emotional and Social Behaviors Elicited by Electrical Stimulation of the Insula in the Macaque Monkey. Current Biology, 2011, 21, 195-199.	1.8	234
3	The neural basis of human tool use. Frontiers in Psychology, 2014, 5, 310.	1.1	189
4	Motor and emotional behaviours elicited by electrical stimulation of the human cingulate cortex. Brain, 2018, 141, 3035-3051.	3.7	176
5	Representation of Goal and Movements without Overt Motor Behavior in the Human Motor Cortex: A Transcranial Magnetic Stimulation Study. Journal of Neuroscience, 2009, 29, 11134-11138.	1.7	168
6	The impact of facemasks on emotion recognition, trust attribution and re-identification. Scientific Reports, 2021, 11, 5577.	1.6	145
7	Responses of mirror neurons in area F5 to hand and tool grasping observation. Experimental Brain Research, 2010, 204, 605-616.	0.7	137
8	Functional organization of the insula and inner perisylvian regions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10077-10082.	3.3	118
9	Mirth and laughter elicited by electrical stimulation of the human anterior cingulate cortex. Cortex, 2015, 71, 323-331.	1.1	96
10	Four-dimensional maps of the human somatosensory system. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1936-43.	3.3	87
11	Seven years of recording from monkey cortex with a chronically implanted multiple microelectrode. Frontiers in Neuroengineering, 2010, 3, 6.	4.8	62
12	A shared neural network for emotional expression and perception: an anatomical study in the macaque monkey. Frontiers in Behavioral Neuroscience, 2015, 9, 243.	1.0	40
13	Your Actions in My Cerebellum: Subclinical Deficits in Action Observation in Patients with Unilateral Chronic Cerebellar Stroke. Cerebellum, 2012, 11, 264-271.	1.4	37
14	Smile and laughter elicited by electrical stimulation of the frontal operculum. Neuropsychologia, 2016, 89, 364-370.	0.7	32
15	Human cortical activity evoked by gaze shift observation: An intracranial EEG study. Human Brain Mapping, 2014, 35, 1515-1528.	1.9	31
16	A mirror mechanism for smiling in the anterior cingulate cortex.. Emotion, 2017, 17, 187-190.	1.5	30
17	Embodied Simulation: Beyond the Expression/Experience Dualism of Emotions. Trends in Cognitive Sciences, 2016, 20, 397-398.	4.0	28
18	Pathways for smiling, disgust and fear recognition in blindsight patients. Neuropsychologia, 2019, 128, 6-13.	0.7	28

#	ARTICLE	IF	CITATIONS
19	Mirroring other's laughter. Cingulate, opercular and temporal contributions to laughter expression and observation. <i>Cortex</i> , 2020, 128, 35-48.	1.1	26
20	Some considerations on de Waal and Preston review. <i>Nature Reviews Neuroscience</i> , 2017, 18, 769-769.	4.9	25
21	Embodiment Theory. , 2015, , 420-426.		21
22	Types of abduction in tool behavior. <i>Phenomenology and the Cognitive Sciences</i> , 2017, 16, 255-273.	1.1	16
23	Ipsilateral somatosensory responses in humans: the tonic activity of SII and posterior insular cortex. <i>Brain Structure and Function</i> , 2019, 224, 9-18.	1.2	15
24	Sequencing Biological and Physical Events Affects Specific Frequency Bands within the Human Premotor Cortex: An Intracerebral EEG Study. <i>PLoS ONE</i> , 2014, 9, e86384.	1.1	14
25	Insula Connections With the Parieto-Frontal Circuit for Generating Arm Actions in Humans and Macaque Monkeys. <i>Cerebral Cortex</i> , 2019, 29, 2140-2147.	1.6	14
26	The Integration of Emotional Expression and Experience: A Pragmatist Review of Recent Evidence From Brain Stimulation. <i>Emotion Review</i> , 2019, 11, 27-38.	2.1	14
27	Laughter as a Neurochemical Mechanism Aimed at Reinforcing Social Bonds: Integrating Evidence from Opioidergic Activity and Brain Stimulation. <i>Journal of Neuroscience</i> , 2017, 37, 8581-8582.	1.7	13
28	Association Between Semiology and Anatomic-functional Localization in Patients With Cingulate Epilepsy. <i>Neurology</i> , 2022, 98, .	1.5	13
29	Decomposing Tool-Action Observation: A Stereo-EEG Study. <i>Cerebral Cortex</i> , 2017, 27, 4229-4243.	1.6	12
30	Action execution and action observation elicit mirror responses with the same temporal profile in human SII. <i>Communications Biology</i> , 2020, 3, 80.	2.0	12
31	System neuroscience: Past, present, and future. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 685-693.	1.9	12
32	Overcoming the emotion experience/expression dichotomy. <i>Behavioral and Brain Sciences</i> , 2012, 35, 145-146.	0.4	11
33	Intracranial timeâ€“frequency correlates of seizure-related negative BOLD response in the sensory-motor network. <i>Clinical Neurophysiology</i> , 2015, 126, 847-849.	0.7	10
34	Tonic somatosensory responses and deficits of tactile awareness converge in the parietal operculum. <i>Brain</i> , 2021, 144, 3779-3787.	3.7	8
35	How action selection can be embodied: intracranial gamma band recording shows response competition during the Eriksen flankers test. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 668.	1.0	7
36	Two simulation systems in the human frontal cortex? Disentangling between motor simulation and emotional mirroring using laughter. <i>Cortex</i> , 2021, , .	1.1	6

#	ARTICLE	IF	CITATIONS
37	Overcoming the acting/reasoning dualism in intelligent behavior. <i>Phenomenology and the Cognitive Sciences</i> , 2017, 16, 709-713.	1.1	4
38	The Pragmatist Reappraisal of Habit in Contemporary Cognitive Science, Neuroscience, and Social Theory: Introductory Essay. , 2020, , 1-38.		3
39	How Do We Feel the Emotions of Others?. <i>Frontiers for Young Minds</i> , 2017, 5, .	0.8	0
40	Emotional Mirroring Promotes Social Bonding and Social Habits. , 2020, , 79-99.		0