

# Cristina Becchio

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

4,132  
citations

126907

33  
h-index

128289

60  
g-index

101  
all docs

101  
docs citations

101  
times ranked

2796  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wired to Be Social: The Ontogeny of Human Interaction. <i>PLoS ONE</i> , 2010, 5, e13199.	2.5	185
2	Toward You. <i>Current Directions in Psychological Science</i> , 2010, 19, 183-188.	5.3	182
3	Different action patterns for cooperative and competitive behaviour. <i>Cognition</i> , 2007, 102, 415-433.	2.2	170
4	Cues to intention: The role of movement information. <i>Cognition</i> , 2011, 119, 242-252.	2.2	149
5	Both your intention and mine are reflected in the kinematics of my reach-to-grasp movement. <i>Cognition</i> , 2008, 106, 894-912.	2.2	138
6	Decoding intentions from movement kinematics. <i>Scientific Reports</i> , 2016, 6, 37036.	3.3	138
7	Social grasping: From mirroring to mentalizing. <i>NeuroImage</i> , 2012, 61, 240-248.	4.2	128
8	The case of Dr. Jekyll and Mr. Hyde: A kinematic study on social intention. <i>Consciousness and Cognition</i> , 2008, 17, 557-564.	1.5	126
9	Grasping intentions: from thought experiments to empirical evidence. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 117.	2.0	126
10	Beyond Autism: Introducing the Dialectical Misattunement Hypothesis and a Bayesian Account of Intersubjectivity. <i>Psychopathology</i> , 2017, 50, 355-372.	1.5	121
11	How the gaze of others influences object processing. <i>Trends in Cognitive Sciences</i> , 2008, 12, 254-258.	7.8	109
12	Does the intention to communicate affect action kinematics?. <i>Consciousness and Cognition</i> , 2009, 18, 766-772.	1.5	103
13	Cross-Validation Approaches for Replicability in Psychology. <i>Frontiers in Psychology</i> , 2018, 9, 1117.	2.1	102
14	Cooperation or competition? Discriminating between social intentions by observing prehensile movements. <i>Experimental Brain Research</i> , 2011, 211, 547-556.	1.5	99
15	Inferring intentions from biological motion: A stimulus set of point-light communicative interactions. <i>Behavior Research Methods</i> , 2010, 42, 168-178.	4.0	95
16	Modulation of the action control system by social intention: Unexpected social requests override preplanned action.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1490-1500.	0.9	91
17	Altercentric interference in level 1 visual perspective taking reflects the ascription of mental states, not submentalizing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 158-163.	0.9	89
18	Interpersonal predictive coding, not action perception, is impaired in autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150373.	4.0	87

#	ARTICLE	IF	CITATIONS
19	Do you mean me? Communicative intentions recruit the mirror and the mentalizing system. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 909-916.	3.0	78
20	When gaze opens the channel for communication: Integrative role of IFG and MPFC. <i>NeuroImage</i> , 2015, 119, 63-69.	4.2	76
21	Communicative Interactions Improve Visual Detection of Biological Motion. <i>PLoS ONE</i> , 2011, 6, e14594.	2.5	76
22	Motor contagion from gaze: the case of autism. <i>Brain</i> , 2007, 130, 2401-2411.	7.6	70
23	When Gaze Turns into Grasp. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 2130-2137.	2.3	69
24	Seeing mental states: An experimental strategy for measuring the observability of other minds. <i>Physics of Life Reviews</i> , 2018, 24, 67-80.	2.8	63
25	The visible face of intention: why kinematics matters. <i>Frontiers in Psychology</i> , 2014, 5, 815.	2.1	62
26	Intentions in the Brain. <i>Neuroscientist</i> , 2015, 21, 126-135.	3.5	56
27	Timecourse of mirror and counter-mirror effects measured with transcranial magnetic stimulation. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1082-1088.	3.0	52
28	Video Gesture Analysis for Autism Spectrum Disorder Detection. , 2018, , .		52
29	Grasping with Tools: Corticospinal Excitability Reflects Observed Hand Movements. <i>Cerebral Cortex</i> , 2012, 22, 710-716.	2.9	46
30	How the brain understands intention: Different neural circuits identify the componential features of motor and prior intentions. <i>Consciousness and Cognition</i> , 2006, 15, 64-74.	1.5	45
31	Prediction of the Leadership Style of an Emergent Leader Using Audio and Visual Nonverbal Features. <i>IEEE Transactions on Multimedia</i> , 2018, 20, 441-456.	7.2	43
32	Predicting Object Size from Hand Kinematics: A Temporal Perspective. <i>PLoS ONE</i> , 2015, 10, e0120432.	2.5	43
33	The Second-Agent Effect: Communicative Gestures Increase the Likelihood of Perceiving a Second Agent. <i>PLoS ONE</i> , 2011, 6, e22650.	2.5	42
34	Goal or movement? Action representation within the primary motor cortex. <i>European Journal of Neuroscience</i> , 2013, 38, 3507-3512.	2.6	37
35	Investigating the ability to read others'™ intentions using humanoid robots. <i>Frontiers in Psychology</i> , 2015, 6, 1362.	2.1	37
36	Action Observation Areas Represent Intentions From Subtle Kinematic Features. <i>Cerebral Cortex</i> , 2018, 28, 2647-2654.	2.9	36

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37	Time and neglect: Abnormal temporal dynamics in unilateral spatial neglect. <i>Neuropsychologia</i> , 2006, 44, 2775-2782.	1.6	33
38	Impaired Recognition of Communicative Interactions from Biological Motion in Schizophrenia. <i>PLoS ONE</i> , 2015, 10, e0116793.	2.5	33
39	Time Will Show: Real Time Predictions during Interpersonal Action Perception. <i>PLoS ONE</i> , 2013, 8, e54949.	2.5	32
40	Altercentric Intrusions from Multiple Perspectives: Beyond Dyads. <i>PLoS ONE</i> , 2014, 9, e114210.	2.5	32
41	Followers are not followed: Observed group interactions modulate subsequent social attention.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 531-535.	2.1	32
42	The kinematics that you do not expect: Integrating prior information and kinematics to understand intentions. <i>Cognition</i> , 2019, 182, 213-219.	2.2	32
43	Observing social interactions: The effect of gaze. <i>Social Neuroscience</i> , 2008, 3, 51-59.	1.3	31
44	Tracking the Leader: Gaze Behavior in Group Interactions. <i>IScience</i> , 2019, 16, 242-249.	4.1	31
45	Wittgenstein running: Neural mechanisms of collective intentionality and we-mode. <i>Consciousness and Cognition</i> , 2004, 13, 123-133.	1.5	30
46	Through your eyes: incongruence of gaze and action increases spontaneous perspective taking. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 455.	2.0	30
47	Grasping others'™ movements: Rapid discrimination of object size from observed hand movements.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 918-929.	0.9	30
48	When Far Becomes Near. <i>Psychological Science</i> , 2017, 28, 69-79.	3.3	28
49	PredPsych: A toolbox for predictive machine learning-based approach in experimental psychology research. <i>Behavior Research Methods</i> , 2018, 50, 1657-1672.	4.0	28
50	The bilocated mind: new perspectives on self-localization and self-identification. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 71.	2.0	27
51	Transient Disruption of the Inferior Parietal Lobule Impairs the Ability to Attribute Intention to Action. <i>Current Biology</i> , 2020, 30, 4594-4605.e7.	3.9	27
52	Movement kinematics drive chain selection toward intention detection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10452-10457.	7.1	25
53	In your place: neuropsychological evidence for altercentric remapping in embodied perspective taking. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 165-170.	3.0	23
54	Temporal perception in joint action: This is MY action. <i>Consciousness and Cognition</i> , 2016, 40, 26-33.	1.5	21

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55	When seeing is more than looking: Intentional gaze modulates object desirability.. <i>Emotion</i> , 2014, 14, 824-832.	1.8	20
56	Doing It Your Way: How Individual Movement Styles Affect Action Prediction. <i>PLoS ONE</i> , 2016, 11, e0165297.	2.5	19
57	Identifying the signature of prospective motor control in children with autism. <i>Scientific Reports</i> , 2021, 11, 3165.	3.3	18
58	The kinematic signature of voluntary actions. <i>Neuropsychologia</i> , 2014, 64, 169-175.	1.6	17
59	The Multilingual CID-5: A New Tool to Study the Perception of Communicative Interactions in Different Languages. <i>Frontiers in Psychology</i> , 2015, 6, 1724.	2.1	17
60	Understanding joint action: Current theoretical and empirical approaches. <i>Acta Psychologica</i> , 2021, 215, 103285.	1.5	17
61	One hand, two hands, two people: Prospective sensorimotor control in children with autism. <i>Developmental Cognitive Neuroscience</i> , 2018, 29, 86-96.	4.0	16
62	Perception of Shadows in Children with Autism Spectrum Disorders. <i>PLoS ONE</i> , 2010, 5, e10582.	2.5	15
63	Transfer of interfered motor patterns to self from others. <i>European Journal of Neuroscience</i> , 2006, 23, 1949-1955.	2.6	13
64	Are You Approaching Me? Motor Execution Influences Perceived Action Orientation. <i>PLoS ONE</i> , 2012, 7, e37514.	2.5	13
65	Communicative interactions in point-light displays: Choosing among multiple response alternatives. <i>Behavior Research Methods</i> , 2016, 48, 1580-1590.	4.0	13
66	Prospective motor control obeys to idiosyncratic strategies in autism. <i>Scientific Reports</i> , 2018, 8, 13717.	3.3	13
67	Predicting Intentions from Motion: The Subject-Adversarial Adaptation Approach. <i>International Journal of Computer Vision</i> , 2020, 128, 220-239.	15.6	13
68	The Non-Problem of the Other Minds: A Neurodevelopmental Perspective on Shared Intentionality. <i>Human Development</i> , 2008, 51, 336-348.	2.0	12
69	Visuomotor resonance in autism spectrum disorders. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 110.	2.1	12
70	Are We Real When We Fake? Attunement to Object Weight in Natural and Pantomimed Grasping Movements. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 471.	2.0	12
71	Effects of Arm Crossing on Spatial Perspective-Taking. <i>PLoS ONE</i> , 2014, 9, e95748.	2.5	12
72	Motor ontology in representing gaze-object relations. <i>Neuroscience Letters</i> , 2008, 430, 246-251.	2.1	11

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73	Leftward oculomotor prismatic training induces a rightward bias in normal subjects. <i>Experimental Brain Research</i> , 2017, 235, 1759-1770.	1.5	11
74	The heaviness of invisible objects: Predictive weight judgments from observed real and pantomimed grasps. <i>Cognition</i> , 2017, 168, 140-145.	2.2	10
75	Potential for social involvement modulates activity within the mirror and the mentalizing systems. <i>Scientific Reports</i> , 2017, 7, 14967.	3.3	9
76	Intersecting kinematic encoding and readout of intention in autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	9
77	How the brain responds to the destruction of money.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2011, 4, 1-10.	1.0	8
78	Stopping movements: when others slow us down. <i>European Journal of Neuroscience</i> , 2014, 40, 2842-2849.	2.6	8
79	Increased functional coupling of the left amygdala and medial prefrontal cortex during the perception of communicative point-light stimuli. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 97-107.	3.0	7
80	Human Movement Datasets: An Interdisciplinary Scoping Review. <i>ACM Computing Surveys</i> , 2023, 55, 1-29.	23.0	7
81	The ontology of neglect. <i>Consciousness and Cognition</i> , 2005, 14, 483-494.	1.5	6
82	Sensorimotor communication at the intersection between kinematic coding and readout. <i>Physics of Life Reviews</i> , 2019, 28, 39-42.	2.8	6
83	And Yet It Moves: What We Currently Know about Phantom Arm Movements. <i>Neuroscientist</i> , 2020, 26, 328-342.	3.5	6
84	Object temporal connotation. <i>Brain and Cognition</i> , 2003, 52, 192-196.	1.8	5
85	What Will I Do Next? The Intention from Motion Experiment. , 2017, , .		4
86	Modulation of corticospinal output during goal-directed actions: Evidence for a contingent coding hypothesis. <i>Neuropsychologia</i> , 2019, 134, 107205.	1.6	4
87	Communicative intentions in autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2020, 79, 101666.	1.5	4
88	A kind of magic: Enhanced detection of pantomimed grasps in professional magicians. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 1092-1100.	1.1	4
89	The Role of Perspective in Mental Time Travel. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	2.2	3
90	A low-cost stand-alone platform for measuring motor behavior across developmental applications. <i>IScience</i> , 2021, 24, 102742.	4.1	3

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91	Costs and benefits of communicating vigor. Behavioral and Brain Sciences, 2021, 44, e124.	0.7	3
92	The (un)coupling between action execution and observation. Physics of Life Reviews, 2015, 12, 129-130.	2.8	2
93	Anticipatory action planning in blind and sighted individuals. Scientific Reports, 2017, 7, 44617.	3.3	2
94	The observability principle and beyond. Physics of Life Reviews, 2018, 24, 114-117.	2.8	1
95	How Objects Become Social in the Brain: Five Questions for a Neuroscience of Social Reality. , 2014, , 125-134.		1
96	Reading Intention in Action. , 0, , 374-391.		0
97	Why 4D ultrasound has not (yet) revolutionized fetal movement research. Ultrasound in Obstetrics and Gynecology, 2021, , .	1.7	0
98	Intention readout primes action categorization. Journal of Vision, 2021, 21, 2629.	0.3	0
99	A Transcutaneous Fetal Visual Stimulator. IEEE Access, 2022, 10, 45979-45996.	4.2	0