Cristina Becchio

List of Publications by Year
in descending order

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	Human Movement Datasets: An Interdisciplinary Scoping Review. ACM Computing Surveys, 2023, 55, 1-29.	23.0	7
2	Intersecting kinematic encoding and readout of intention in autism. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
3	A Transcutaneous Fetal Visual Stimulator. IEEE Access, 2022, 10, 45979-45996.	4.2	0
4	Identifying the signature of prospective motor control in children with autism. Scientific Reports, 2021, 11, 3165.	3.3	18
5	Understanding joint action: Current theoretical and empirical approaches. Acta Psychologica, 2021, 215, 103285.	1.5	17
6	A low-cost stand-alone platform for measuring motor behavior across developmental applications. IScience, 2021, 24, 102742.	4.1	3
7	Why 4D ultrasound has not (yet) revolutionized fetal movement research. Ultrasound in Obstetrics and Gynecology, 2021, , .	1.7	0
8	Intention readout primes action categorization. Journal of Vision, 2021, 21, 2629.	0.3	0
9	Costs and benefits of communicating vigor. Behavioral and Brain Sciences, 2021, 44, e124.	0.7	3
10	Predicting Intentions from Motion: The Subject-Adversarial Adaptation Approach. International Journal of Computer Vision, 2020, 128, 220-239.	15.6	13
11	Transient Disruption of the Inferior Parietal Lobule Impairs the Ability to Attribute Intention to Action. Current Biology, 2020, 30, 4594-4605.e7.	3.9	27
12	Communicative intentions in autism spectrum disorder. Research in Autism Spectrum Disorders, 2020, 79, 101666.	1.5	4
13	And Yet It Moves: What We Currently Know about Phantom Arm Movements. Neuroscientist, 2020, 26, 328-342.	3.5	6
14	A kind of magic: Enhanced detection of pantomimed grasps in professional magicians. Quarterly Journal of Experimental Psychology, 2020, 73, 1092-1100.	1.1	4
15	Modulation of corticospinal output during goal-directed actions: Evidence for a contingent coding hypothesis. Neuropsychologia, 2019, 134, 107205.	1.6	4
16	Tracking the Leader: Gaze Behavior in Group Interactions. IScience, 2019, 16, 242-249.	4.1	31
17	Sensorimotor communication at the intersection between kinematic coding and readout. Physics of Life Reviews, 2019, 28, 39-42.	2.8	6
18	Increased functional coupling of the left amygdala and medial prefrontal cortex during the perception of communicative point-light stimuli. Social Cognitive and Affective Neuroscience, 2019, 14, 97-107.	3.0	7

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19	The kinematics that you do not expect: Integrating prior information and kinematics to understand intentions. Cognition, 2019, 182, 213-219.	2.2	32
20	The observability principle and beyond. Physics of Life Reviews, 2018, 24, 114-117.	2.8	1
21	Action Observation Areas Represent Intentions From Subtle Kinematic Features. Cerebral Cortex, 2018, 28, 2647-2654.	2.9	36
22	One hand, two hands, two people: Prospective sensorimotor control in children with autism. Developmental Cognitive Neuroscience, 2018, 29, 86-96.	4.0	16
23	Seeing mental states: An experimental strategy for measuring the observability of other minds. Physics of Life Reviews, 2018, 24, 67-80.	2.8	63
24	Prediction of the Leadership Style of an Emergent Leader Using Audio and Visual Nonverbal Features. IEEE Transactions on Multimedia, 2018, 20, 441-456.	7.2	43
25	PredPsych: A toolbox for predictive machine learning-based approach in experimental psychology research. Behavior Research Methods, 2018, 50, 1657-1672.	4.0	28
26	Video Gesture Analysis for Autism Spectrum Disorder Detection. , 2018, , .		52
27	Movement kinematics drive chain selection toward intention detection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10452-10457.	7.1	25
28	Prospective motor control obeys to idiosyncratic strategies in autism. Scientific Reports, 2018, 8, 13717.	3.3	13
29	Cross-Validation Approaches for Replicability in Psychology. Frontiers in Psychology, 2018, 9, 1117.	2.1	102
30	Leftward oculomotor prismatic training induces a rightward bias in normal subjects. Experimental Brain Research, 2017, 235, 1759-1770.	1.5	11
31	Anticipatory action planning in blind and sighted individuals. Scientific Reports, 2017, 7, 44617.	3.3	2
32	What Will I Do Next? The Intention from Motion Experiment. , 2017, , .		4
33	The heaviness of invisible objects: Predictive weight judgments from observed real and pantomimed grasps. Cognition, 2017, 168, 140-145.	2.2	10
34	Beyond Autism: Introducing the Dialectical Misattunement Hypothesis and a Bayesian Account of Intersubjectivity. Psychopathology, 2017, 50, 355-372.	1.5	121
35	Potential for social involvement modulates activity within the mirror and the mentalizing systems. Scientific Reports, 2017, 7, 14967.	3.3	9
36	When Far Becomes Near. Psychological Science, 2017, 28, 69-79.	3.3	28

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37	The Role of Perspective in Mental Time Travel. Neural Plasticity, 2016, 2016, 1-8.	2.2	3
38	Are We Real When We Fake? Attunement to Object Weight in Natural and Pantomimed Grasping Movements. Frontiers in Human Neuroscience, 2016, 10, 471.	2.0	12
39	Doing It Your Way: How Individual Movement Styles Affect Action Prediction. PLoS ONE, 2016, 11, e0165297.	2.5	19
40	Decoding intentions from movement kinematics. Scientific Reports, 2016, 6, 37036.	3.3	138
41	Interpersonal predictive coding, not action perception, is impaired in autism. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150373.	4.0	87
42	Grasping othersâ€™ movements: Rapid discrimination of object size from observed hand movements.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 918-929.	0.9	30
43	Altercentric interference in level 1 visual perspective taking reflects the ascription of mental states, not submentalizing.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 158-163.	0.9	89
44	Followers are not followed: Observed group interactions modulate subsequent social attention.. Journal of Experimental Psychology: General, 2016, 145, 531-535.	2.1	32
45	Communicative interactions in point-light displays: Choosing among multiple response alternatives. Behavior Research Methods, 2016, 48, 1580-1590.	4.0	13
46	Temporal perception in joint action: This is MY action. Consciousness and Cognition, 2016, 40, 26-33.	1.5	21
47	Investigating the ability to read othersâ€™ intentions using humanoid robots. Frontiers in Psychology, 2015, 6, 1362.	2.1	37
48	The Multilingual CID-5: A New Tool to Study the Perception of Communicative Interactions in Different Languages. Frontiers in Psychology, 2015, 6, 1724.	2.1	17
49	When gaze opens the channel for communication: Integrative role of IFG and MPFC. NeuroImage, 2015, 119, 63-69.	4.2	76
50	The (un)coupling between action execution and observation. Physics of Life Reviews, 2015, 12, 129-130.	2.8	2
51	Intentions in the Brain. Neuroscientist, 2015, 21, 126-135.	3.5	56
52	Impaired Recognition of Communicative Interactions from Biological Motion in Schizophrenia. PLoS ONE, 2015, 10, e0116793.	2.5	33
53	Predicting Object Size from Hand Kinematics: A Temporal Perspective. PLoS ONE, 2015, 10, e0120432.	2.5	43
54	Altercentric Intrusions from Multiple Perspectives: Beyond Dyads. PLoS ONE, 2014, 9, e114210.	2.5	32

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55	The visible face of intention: why kinematics matters. Frontiers in Psychology, 2014, 5, 815.	2.1	62
56	Timecourse of mirror and counter-mirror effects measured with transcranial magnetic stimulation. Social Cognitive and Affective Neuroscience, 2014, 9, 1082-1088.	3.0	52
57	Stopping movements: when others slow us down. European Journal of Neuroscience, 2014, 40, 2842-2849.	2.6	8
58	The kinematic signature of voluntary actions. Neuropsychologia, 2014, 64, 169-175.	1.6	17
59	Do you mean me? Communicative intentions recruit the mirror and the mentalizing system. Social Cognitive and Affective Neuroscience, 2014, 9, 909-916.	3.0	78
60	When seeing is more than looking: Intentional gaze modulates object desirability.. Emotion, 2014, 14, 824-832.	1.8	20
61	Effects of Arm Crossing on Spatial Perspective-Taking. PLoS ONE, 2014, 9, e95748.	2.5	12
62	How Objects Become Social in the Brain: Five Questions for a Neuroscience of Social Reality. , 2014, , 125-134.		1
63	In your place: neuropsychological evidence for altercentric remapping in embodied perspective taking. Social Cognitive and Affective Neuroscience, 2013, 8, 165-170.	3.0	23
64	Goal or movement? Action representation within the primary motor cortex. European Journal of Neuroscience, 2013, 38, 3507-3512.	2.6	37
65	Time Will Show: Real Time Predictions during Interpersonal Action Perception. PLoS ONE, 2013, 8, e54949.	2.5	32
66	The bilocated mind: new perspectives on self-localization and self-identification. Frontiers in Human Neuroscience, 2013, 7, 71.	2.0	27
67	Through your eyes: incongruence of gaze and action increases spontaneous perspective taking. Frontiers in Human Neuroscience, 2013, 7, 455.	2.0	30
68	Grasping with Tools: Corticospinal Excitability Reflects Observed Hand Movements. Cerebral Cortex, 2012, 22, 710-716.	2.9	46
69	Social grasping: From mirroring to mentalizing. NeuroImage, 2012, 61, 240-248.	4.2	128
70	Are You Approaching Me? Motor Execution Influences Perceived Action Orientation. PLoS ONE, 2012, 7, e37514.	2.5	13
71	Grasping intentions: from thought experiments to empirical evidence. Frontiers in Human Neuroscience, 2012, 6, 117.	2.0	126
72	Visuomotor resonance in autism spectrum disorders. Frontiers in Integrative Neuroscience, 2012, 6, 110.	2.1	12

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73	The Second-Agent Effect: Communicative Gestures Increase the Likelihood of Perceiving a Second Agent. PLoS ONE, 2011, 6, e22650.	2.5	42
74	How the brain responds to the destruction of money.. Journal of Neuroscience, Psychology, and Economics, 2011, 4, 1-10.	1.0	8
75	Cues to intention: The role of movement information. Cognition, 2011, 119, 242-252.	2.2	149
76	Cooperation or competition? Discriminating between social intentions by observing prehensile movements. Experimental Brain Research, 2011, 211, 547-556.	1.5	99
77	Communicative Interactions Improve Visual Detection of Biological Motion. PLoS ONE, 2011, 6, e14594.	2.5	76
78	Inferring intentions from biological motion: A stimulus set of point-light communicative interactions. Behavior Research Methods, 2010, 42, 168-178.	4.0	95
79	Perception of Shadows in Children with Autism Spectrum Disorders. PLoS ONE, 2010, 5, e10582.	2.5	15
80	Toward You. Current Directions in Psychological Science, 2010, 19, 183-188.	5.3	182
81	Wired to Be Social: The Ontogeny of Human Interaction. PLoS ONE, 2010, 5, e13199.	2.5	185
82	Does the intention to communicate affect action kinematics?. Consciousness and Cognition, 2009, 18, 766-772.	1.5	103
83	Modulation of the action control system by social intention: Unexpected social requests override preplanned action.. Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 1490-1500.	0.9	91
84	The case of Dr. Jekyll and Mr. Hyde: A kinematic study on social intention. Consciousness and Cognition, 2008, 17, 557-564.	1.5	126
85	Both your intention and mine are reflected in the kinematics of my reach-to-grasp movement. Cognition, 2008, 106, 894-912.	2.2	138
86	Motor ontology in representing gazeâ€“object relations. Neuroscience Letters, 2008, 430, 246-251.	2.1	11
87	How the gaze of others influences object processing. Trends in Cognitive Sciences, 2008, 12, 254-258.	7.8	109
88	Observing social interactions: The effect of gaze. Social Neuroscience, 2008, 3, 51-59.	1.3	31
89	The Non-Problem of the Other Minds: A Neurodevelopmental Perspective on Shared Intentionality. Human Development, 2008, 51, 336-348.	2.0	12
90	Motor contagion from gaze: the case of autism. Brain, 2007, 130, 2401-2411.	7.6	70

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91	Different action patterns for cooperative and competitive behaviour. Cognition, 2007, 102, 415-433.	2.2	170
92	When Gaze Turns into Grasp. Journal of Cognitive Neuroscience, 2006, 18, 2130-2137.	2.3	69
93	Transfer of interfered motor patterns to self from others. European Journal of Neuroscience, 2006, 23, 1949-1955.	2.6	13
94	How the brain understands intention: Different neural circuits identify the componential features of motor and prior intentions. Consciousness and Cognition, 2006, 15, 64-74.	1.5	45
95	Time and neglect: Abnormal temporal dynamics in unilateral spatial neglect. Neuropsychologia, 2006, 44, 2775-2782.	1.6	33
96	The ontology of neglect. Consciousness and Cognition, 2005, 14, 483-494.	1.5	6
97	Wittgenstein running: Neural mechanisms of collective intentionality and we-mode. Consciousness and Cognition, 2004, 13, 123-133.	1.5	30
98	Object temporal connotation. Brain and Cognition, 2003, 52, 192-196.	1.8	5
99	Reading Intention in Action. , 0, , 374-391.		0