Caroline Catmur

List of Publications by Year
in descending order

		87723	69108
108	6,604	38	77
papers	citations	h-index	g-index

123	123	123	5088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sensorimotor Learning Configures the Human Mirror System. Current Biology, 2007, 17, 1527-1531.	1.8	543
2	Mirror neurons: From origin to function. Behavioral and Brain Sciences, 2014, 37, 177-192.	0.4	454
3	Enhancing Social Ability by Stimulating Right Temporoparietal Junction. Current Biology, 2012, 22, 2274-2277.	1.8	313
4	Theory of mind is not theory of emotion: A cautionary note on the Reading the Mind in the Eyes Test.. Journal of Abnormal Psychology, 2016, 125, 818-823.	2.0	268
5	Interoception and psychopathology: A developmental neuroscience perspective. Developmental Cognitive Neuroscience, 2017, 23, 45-56.	1.9	264
6	Audiotactile interactions in roughness perception. Experimental Brain Research, 2002, 146, 161-171.	0.7	236
7	Tactile sensitivity in Asperger syndrome. Brain and Cognition, 2006, 61, 5-13.	0.8	231
8	Associative sequence learning: the role of experience in the development of imitation and the mirror system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2369-2380.	1.8	218
9	Alexithymia, not autism, is associated with impaired interoception. Cortex, 2016, 81, 215-220.	1.1	204
10	Through the looking glass: counterâ€mirror activation following incompatible sensorimotor learning. European Journal of Neuroscience, 2008, 28, 1208-1215.	1.2	199
11	Attention does not modulate neural responses to social stimuli in autism spectrum disorders. NeuroImage, 2006, 31, 1614-1624.	2.1	182
12	Avatars and arrows: Implicit mentalizing or domain-general processing?. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 929-937.	0.7	154
13	Making Mirrors: Premotor Cortex Stimulation Enhances Mirror and Counter-mirror Motor Facilitation. Journal of Cognitive Neuroscience, 2011, 23, 2352-2362.	1.1	141
14	Can Neurotypical Individuals Read Autistic Facial Expressions? Atypical Production of Emotional Facial Expressions in Autism Spectrum Disorders. Autism Research, 2016, 9, 262-271.	2.1	137
15	Alexithymia is associated with a multidomain, multidimensional failure of interoception: Evidence from novel tests.. Journal of Experimental Psychology: General, 2018, 147, 398-408.	1.5	132
16	Experience-based priming of body parts: A study of action imitation. Brain Research, 2008, 1217, 157-170.	1.1	129
17	Is alexithymia characterised by impaired interoception? Further evidence, the importance of control variables, and the problems with the Heartbeat Counting Task. Biological Psychology, 2018, 136, 189-197.	1.1	124
18	Time course analyses confirm independence of imitative and spatial compatibility.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 409-421.	0.7	115

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19	The Role of the Right Temporoparietal Junction in the Control of Imitation. Cerebral Cortex, 2015, 25, 1107-1113.	1.6	109
20	Classifying individual differences in interoception: Implications for the measurement of interoceptive awareness. Psychonomic Bulletin and Review, 2019, 26, 1467-1471.	1.4	104
21	Selfâ€“other control processes in social cognition: from imitation to empathy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150079.	1.8	99
22	Are we really measuring empathy? Proposal for a new measurement framework. Neuroscience and Biobehavioral Reviews, 2017, 83, 132-139.	2.9	99
23	Functional lateralization of temporoparietal junction â€“ imitation inhibition, visual perspectiveâ€taking and theory of mind. European Journal of Neuroscience, 2015, 42, 2527-2533.	1.2	96
24	From heart to mind: Linking interoception, emotion, and theory of mind. Cortex, 2017, 93, 220-223.	1.1	94
25	Testing the independence of self-reported interoceptive accuracy and attention. Quarterly Journal of Experimental Psychology, 2020, 73, 115-133.	0.6	91
26	Emotional decision-making in autism spectrum disorder: the roles of interoception and alexithymia. Molecular Autism, 2016, 7, 43.	2.6	81
27	Task-dependent and distinct roles of the temporoparietal junction and inferior frontal cortex in the control of imitation. Social Cognitive and Affective Neuroscience, 2015, 10, 1003-1009.	1.5	79
28	Direct and indirect effects of age on interoceptive accuracy and awareness across the adult lifespan. Psychonomic Bulletin and Review, 2018, 25, 1193-1202.	1.4	78
29	What Happened to Mirror Neurons?. Perspectives on Psychological Science, 2022, 17, 153-168.	5.2	75
30	A pessimistic view of optimistic belief updating. Cognitive Psychology, 2016, 90, 71-127.	0.9	68
31	Understanding intentions from actions: Direct perception, inference, and the roles of mirror and mentalizing systems. Consciousness and Cognition, 2015, 36, 426-433.	0.8	67
32	Knowledge of resting heart rate mediates the relationship between intelligence and the heartbeat counting task. Biological Psychology, 2018, 133, 1-3.	1.1	56
33	Submentalizing or mentalizing in a Level 1 perspective-taking task: A cloak and goggles test.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 454-465.	0.7	55
34	Timecourse of mirror and counter-mirror effects measured with transcranial magnetic stimulation. Social Cognitive and Affective Neuroscience, 2014, 9, 1082-1088.	1.5	52
35	Intact Automatic Imitation and Typical Spatial Compatibility in Autism Spectrum Disorder: Challenging the Broken Mirror Theory. Autism Research, 2016, 9, 292-300.	2.1	51
36	Is It What You Do, or When You Do It? The Roles of Contingency and Similarity in Proâ€Social Effects of Imitation. Cognitive Science, 2013, 37, 1541-1552.	0.8	47

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37	The impact of autism spectrum disorder and alexithymia on judgments of moral acceptability.. Journal of Abnormal Psychology, 2015, 124, 589-595.	2.0	47
38	Transcranial Current Stimulation of the Temporoparietal Junction Improves Lie Detection. Current Biology, 2015, 25, 2447-2451.	1.8	42
39	fMRI Evidence of â€˜Mirrorâ€™ Responses to Geometric Shapes. PLoS ONE, 2012, 7, e51934.	1.1	39
40	The 20 item prosopagnosia index (PI20): relationship with the Glasgow face-matching test. Royal Society Open Science, 2015, 2, 150305.	1.1	39
41	Cross-modal repetition effects in the mu rhythm indicate tactile mirroring during action observation. Cortex, 2015, 63, 121-131.	1.1	38
42	Understanding individual differences in theory of mind via representation of minds, not mental states. Psychonomic Bulletin and Review, 2019, 26, 798-812.	1.4	38
43	The Role of Language in Alexithymia: Moving Towards a Multiroute Model of Alexithymia. Emotion Review, 2019, 11, 247-261.	2.1	38
44	Attentional processes, not implicit mentalizing, mediate performance in a perspective-taking task: Evidence from stimulation of the temporoparietal junction. NeuroImage, 2017, 155, 305-311.	2.1	37
45	Crossmodal Classification of Mu Rhythm Activity during Action Observation and Execution Suggests Specificity to Somatosensory Features of Actions. Journal of Neuroscience, 2017, 37, 5936-5947.	1.7	36
46	Sensorimotor learning and the ontogeny of the mirror neuron system. Neuroscience Letters, 2013, 540, 21-27.	1.0	35
47	Autism and transgender identity: Implications for depression and anxiety. Research in Autism Spectrum Disorders, 2020, 69, 101466.	0.8	35
48	Evidence of pathological social withdrawal in non-Asian countries: a global health problem?. Lancet Psychiatry,the, 2019, 6, 195-196.	3.7	34
49	Conceptualizing and testing action understanding. Neuroscience and Biobehavioral Reviews, 2019, 105, 106-114.	2.9	33
50	The role of alexithymia in social cognition: Evidence from a non-clinical population. Journal of Affective Disorders, 2020, 273, 482-492.	2.0	32
51	The imitation game: Effects of social cues on â€˜imitationâ€™ are domain-general in nature. NeuroImage, 2016, 139, 368-375.	2.1	30
52	Good Liars Are Neither â€˜Darkâ€™ Nor Self-Deceptive. PLoS ONE, 2015, 10, e0127315.	1.1	30
53	Language and alexithymia: Evidence for the role of the inferior frontal gyrus in acquired alexithymia. Neuropsychologia, 2018, 111, 229-240.	0.7	27
54	I feel it in my finger: Measurement device affects cardiac interoceptive accuracy. Biological Psychology, 2019, 148, 107765.	1.1	27

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55	Quantifying compliance and acceptance through public and private social conformity. Consciousness and Cognition, 2018, 65, 359-367.	0.8	26
56	No evidence for a common self-bias across cognitive domains. Cognition, 2020, 197, 104186.	1.1	25
57	Group Dynamics in Automatic Imitation. PLoS ONE, 2016, 11, e0162880.	1.1	25
58	Auditory Short-term Memory Capacity Correlates with Gray Matter Density in the Left Posterior STS in Cognitively Normal and Dyslexic Adults. Journal of Cognitive Neuroscience, 2011, 23, 3746-3756.	1.1	24
59	The specificity of the link between alexithymia, interoception, and imitation.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1687-1692.	0.7	23
60	Are Automatic Imitation and Spatial Compatibility Mediated by Different Processes?. Cognitive Science, 2013, 37, 605-630.	0.8	21
61	The Oxford Face Matching Test: A non-biased test of the full range of individual differences in face perception. Behavior Research Methods, 2022, 54, 158-173.	2.3	21
62	Alexithymia explains atypical spatiotemporal dynamics of eye gaze in autism. Cognition, 2021, 212, 104710.	1.1	21
63	Autistic traits are associated with atypical precision-weighted integration of top-down and bottom-up neural signals. Cognition, 2020, 199, 104236.	1.1	19
64	Automatic imitation? Imitative compatibility affects responses at high perceptual load.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 530-539.	0.7	18
65	Avatars and arrows in the brain. NeuroImage, 2016, 132, 8-10.	2.1	18
66	The presence, characteristics and correlates of pathological social withdrawal in Taiwan: An online survey. International Journal of Social Psychiatry, 2020, 66, 84-92.	1.6	17
67	Alexithymia and autism diagnostic assessments: Evidence from twins at genetic risk of autism and adults with anorexia nervosa. Research in Autism Spectrum Disorders, 2020, 73, 101531.	0.8	16
68	The relationship between alexithymia and theory of mind: A systematic review. Neuroscience and Biobehavioral Reviews, 2021, 131, 497-524.	2.9	15
69	Mirroring â€˜meaningfulâ€™ actions: Sensorimotor learning modulates imitation of goal-directed actions. Quarterly Journal of Experimental Psychology, 2019, 72, 322-334.	0.6	14
70	Validation of Gazepoint low-cost eye-tracking and psychophysiology bundle. Behavior Research Methods, 2022, 54, 1027-1049.	2.3	13
71	Alexithymic traits, independent of depression and anxiety, are associated with reduced sleep quality. Personality and Individual Differences, 2018, 129, 175-178.	1.6	12
72	No effect of age on emotion recognition after accounting for cognitive factors and depression. Quarterly Journal of Experimental Psychology, 2019, 72, 2690-2704.	0.6	12

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73	Non-invasive stimulation of the social brain: the methodological challenges. Social Cognitive and Affective Neuroscience, 2022, 17, 15-25.	1.5	12
74	The influence of actionâ€“outcome contingency on motivation from control. Experimental Brain Research, 2018, 236, 3239-3249.	0.7	11
75	Alexithymia explains increased empathic personal distress in individuals with and without eating disorders. Quarterly Journal of Experimental Psychology, 2019, 72, 1827-1836.	0.6	11
76	Understanding how minds vary relates to skill in inferring mental states, personality, and intelligence.. Journal of Experimental Psychology: General, 2020, 149, 1032-1047.	1.5	11
77	Sensorimotor training alters action understanding. Cognition, 2018, 171, 10-14.	1.1	10
78	Unconvincing support for role of mirror neurons in Ã¢â‚¬Å“action understandingÃ¢â‚¬Â commentary on Michael et al. (2014). Frontiers in Human Neuroscience, 2014, 8, 553.	1.0	9
79	Mirror neurons: Tests and testability. Behavioral and Brain Sciences, 2014, 37, 221-241.	0.4	9
80	Stopping movements: when others slow us down. European Journal of Neuroscience, 2014, 40, 2842-2849.	1.2	8
81	Mirror neurons and intention understanding: Dissociating the contribution of object type and intention to mirror responses using electromyography. Psychophysiology, 2018, 55, e13061.	1.2	8
82	Are Autistic and Alexithymic Traits Distinct? A Factor-Analytic and Network Approach. Journal of Autism and Developmental Disorders, 2022, 52, 2019-2034.	1.7	8
83	The role of interoception in the overlap between eating disorders and autism: Methodological considerations. European Eating Disorders Review, 2022, 30, 501-509.	2.3	7
84	Is the left hemisphere androcentric? Evidence of the learned categorical perception of gender. Laterality, 2015, 20, 571-584.	0.5	6
85	Estimating the stability of heartbeat counting in middle childhood: A twin study. Biological Psychology, 2019, 148, 107764.	1.1	5
86	The importance of stimulus variability when studying face processing using fast periodic visual stimulation: A novel â€˜mixed-emotionsâ€™ paradigm. Cortex, 2019, 117, 182-195.	1.1	5
87	Loneliness and social disconnectedness in pathological social withdrawal. Personality and Individual Differences, 2020, 163, 110092.	1.6	5
88	A task control theory of mirror-touch synesthesia. Cognitive Neuroscience, 2015, 6, 141-142.	0.6	4
89	Understanding the links between self-concept, sociocultural deviance and mental health problems in pathological social withdrawal. Current Psychology, 0, , 1.	1.7	4
90	Equivalent own name bias in autism: An EEG study of the Attentional Blink. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 625-639.	1.0	4

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91	Understanding self and others: from origins to disorders. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150066.	1.8	3
92	Imitation in one's own presence: No specific effect of self-focus on imitation. Acta Psychologica, 2021, 212, 103194.	0.7	3
93	Use of the Oxford face matching test reveals an effect of ageing on face perception but not face memory. Cortex, 2021, 145, 226-235.	1.1	3
94	Contingency is Crucial for Creating Imitative Responses. Frontiers in Human Neuroscience, 2011, 5, 15.	1.0	2
95	Considering context and variability when observing other minds. Physics of Life Reviews, 2018, 24, 91-93.	1.5	2
96	Dissociable effects of averted â€œgazeâ€•on the priming of bodily representations and motor actions. Acta Psychologica, 2021, 212, 103225.	0.7	2
97	EXPRESS: Regulating mirroring of emotions: A social-specific mechanism?. Quarterly Journal of Experimental Psychology, 2021, , 174702182110497.	0.6	1
98	Is action understanding an automatic process? Both cognitive and perceptual processing are required for the identification of actions and intentions. Quarterly Journal of Experimental Psychology, 2023, 76, 70-83.	0.6	1
99	Investigating the sense of agency and its relation to subclinical traits using a novel task. Experimental Brain Research, 2022, , 1.	0.7	1
100	Egocentric biases are predicted by the precision of self-related predictions. Cortex, 2022, , .	1.1	1
101	Neither Shaken nor Stirred: Reply to Bertenthal and Scheutz. Cognitive Science, 2013, 37, 642-645.	0.8	0
102	Mirror Neuron Formation via Associative Learning. , 0, , 460-479.		0
103	F43. Lie Detection: How Autistic Traits Impact the Ability to Control Competing Representations of the Self and Othersâ€™ Opinions. Biological Psychiatry, 2018, 83, S254.	0.7	0
104	Individual differences in face perception: Development and validation of the Oxford Face Matching Test (OFMT). Journal of Vision, 2021, 21, 2664.	0.1	0
105	Processing speed and fluid intelligence contribute towards decline in facial emotion recognition ability across the adult lifespan. Journal of Vision, 2018, 18, 570.	0.1	0
106	The importance of stimulus variability when studying face processing using Fast Periodic Visual Stimulation: A novel â€˜Mixed-Emotionsâ€™ paradigm. Journal of Vision, 2019, 19, 181b.	0.1	0
107	No evidence for an opposite pattern of cognitive performance in autistic individuals with and without alexithymia: A response to RÃ¸dgaard et al. (2019).. Journal of Abnormal Psychology, 2019, 128, 738-739.	2.0	0
108	Human face matching performance is predicted by deviation from algorithmic similarity. Journal of Vision, 2020, 20, 508.	0.1	0