

Ross Cunnington

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

6,614
citations

76326

40
h-index

85541

71
g-index

73
all docs

73
docs citations

73
times ranked

8136
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain regions with mirror properties: A meta-analysis of 125 human fMRI studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 341-349.	6.1	759
2	The Preparation and Execution of Self-Initiated and Externally-Triggered Movement: A Study of Event-Related fMRI. <i>NeuroImage</i> , 2002, 15, 373-385.	4.2	516
3	fMRI Adaptation Reveals Mirror Neurons in Human Inferior Parietal Cortex. <i>Current Biology</i> , 2008, 18, 1576-1580.	3.9	325
4	Slice-timing effects and their correction in functional MRI. <i>NeuroImage</i> , 2011, 58, 588-594.	4.2	309
5	Is the mirror neuron system involved in imitation? A short review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 975-980.	6.1	251
6	The suppressive influence of SMA on M1 in motor imagery revealed by fMRI and dynamic causal modeling. <i>NeuroImage</i> , 2008, 40, 828-837.	4.2	219
7	White matter abnormalities in attention deficit hyperactivity disorder: A diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2009, 30, 2757-2765.	3.6	215
8	The preparation and readiness for voluntary movement: a high-field event-related fMRI study of the Bereitschafts-BOLD response. <i>NeuroImage</i> , 2003, 20, 404-412.	4.2	211
9	Cognitive Control Mechanisms Revealed by ERP and fMRI: Evidence from Repeated Task-Switching. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 785-799.	2.3	171
10	Right parietal dysfunction in children with attention deficit hyperactivity disorder, combined type: a functional MRI study. <i>Molecular Psychiatry</i> , 2007, 12, 826-832.	7.9	159
11	Visuospatial Processing and the Function of Prefrontal-Parietal Networks in Autism Spectrum Disorders: A Functional MRI Study. <i>American Journal of Psychiatry</i> , 2006, 163, 1440-1443.	7.2	158
12	Neural correlates of the emergence of consciousness of thirst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15241-15246.	7.1	145
13	Premovement activity of the pre-supplementary motor area and the readiness for action: Studies of time-resolved event-related functional MRI. <i>Human Movement Science</i> , 2005, 24, 644-656.	1.4	141
14	Fronto-parietal activation in attention-deficit hyperactivity disorder, combined type: Functional magnetic resonance imaging study. <i>British Journal of Psychiatry</i> , 2005, 187, 282-283.	2.8	134
15	The selection of intended actions and the observation of others' actions: A time-resolved fMRI study. <i>NeuroImage</i> , 2006, 29, 1294-1302.	4.2	123
16	The role of the supplementary motor area in the control of voluntary movement. <i>Human Movement Science</i> , 1996, 15, 627-647.	1.4	121
17	Neural mechanisms underlying spatial realignment during adaptation to optical wedge prisms. <i>Neuropsychologia</i> , 2010, 48, 2595-2601.	1.6	121
18	Mathematically gifted male adolescents activate a unique brain network during mental rotation. <i>Cognitive Brain Research</i> , 2005, 25, 583-587.	3.0	118

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19	Selective attention modulates inferior frontal gyrus activity during action observation. <i>NeuroImage</i> , 2008, 40, 298-307.	4.2	113
20	Spatial working memory and spatial attention rely on common neural processes in the intraparietal sulcus. <i>NeuroImage</i> , 2010, 53, 718-724.	4.2	111
21	Movement-related potentials associated with movement preparation and motor imagery. <i>Experimental Brain Research</i> , 1996, 111, 429-36.	1.5	98
22	The role of the superior temporal sulcus and the mirror neuron system in imitation. <i>Human Brain Mapping</i> , 2010, 31, 1316-1326.	3.6	82
23	Efficacy of Mindfulness-Based Interventions for Attention and Executive Function in Children and Adolescents—a Systematic Review. <i>Mindfulness</i> , 2018, 9, 59-78.	2.8	81
24	Bilateral subthalamic nucleus stimulation does not improve prolonged P300 latencies in Parkinson's disease. <i>Journal of Neurology</i> , 2001, 248, 285-289.	3.6	79
25	Increased cortical recruitment in Huntington's disease using a Simon task. <i>Neuropsychologia</i> , 2007, 45, 1791-1800.	1.6	77
26	Reciprocal Interactions of the SMA and Cingulate Cortex Sustain Premovement Activity for Voluntary Actions. <i>Journal of Neuroscience</i> , 2014, 34, 16397-16407.	3.6	77
27	Racial Bias in Neural Empathic Responses to Pain. <i>PLoS ONE</i> , 2013, 8, e84001.	2.5	75
28	REX: Response Exploration for Neuroimaging Datasets. <i>Neuroinformatics</i> , 2007, 5, 223-234.	2.8	72
29	The role of selective attention in matching observed and executed actions. <i>Neuropsychologia</i> , 2009, 47, 786-795.	1.6	70
30	The superior temporal sulcus and the N170 during face processing: Single trial analysis of concurrent EEG-fMRI. <i>NeuroImage</i> , 2014, 86, 492-502.	4.2	68
31	Racial bias in neural response to others' pain is reduced with other-race contact. <i>Cortex</i> , 2015, 70, 68-78.	2.4	67
32	Enhanced brain connectivity in math-gifted adolescents: An fMRI study using mental rotation. <i>Cognitive Neuroscience</i> , 2010, 1, 277-288.	1.4	63
33	Serial correlations in single-subject fMRI with sub-second TR. <i>NeuroImage</i> , 2018, 166, 152-166.	4.2	61
34	Structural development of the basal ganglia in attention deficit hyperactivity disorder: A diffusion tensor imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2009, 172, 220-225.	1.8	59
35	Motor timing and motor sequencing contribute differently to the preparation for voluntary movement. <i>NeuroImage</i> , 2010, 49, 3338-3348.	4.2	56
36	Intentional binding in self-made and observed actions. <i>Experimental Brain Research</i> , 2013, 229, 419-427.	1.5	56

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37	Motor imagery in Parkinson's disease: A PET study. <i>Movement Disorders</i> , 2001, 16, 849-857.	3.9	54
38	Seeing is believing: Neural mechanisms of action-perception are biased by team membership. <i>Human Brain Mapping</i> , 2013, 34, 2055-2068.	3.6	52
39	Improvement of presurgical patient evaluation by generation of functional magnetic resonance risk maps. <i>Neuroscience Letters</i> , 2000, 290, 13-16.	2.1	48
40	Activation patterns during action observation are modulated by context in mirror system areas. <i>NeuroImage</i> , 2012, 59, 608-615.	4.2	46
41	Measuring the effects of attention to individual fingertips in somatosensory cortex using ultra-high field (7T) fMRI. <i>NeuroImage</i> , 2017, 161, 179-187.	4.2	45
42	Attention and the readiness for action. <i>Neuropsychologia</i> , 2011, 49, 3303-3313.	1.6	41
43	Implicit Agency in Observed Actions: Evidence for N1 Suppression of Tones Caused by Self-made and Observed Actions. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 752-764.	2.3	40
44	Attenuation of Neural Responses in Primary Visual Cortex during the Attentional Blink. <i>Journal of Neuroscience</i> , 2008, 28, 9890-9894.	3.6	38
45	Neural activity in readiness for incidental and explicitly timed actions. <i>Neuropsychologia</i> , 2012, 50, 715-722.	1.6	38
46	Intergroup relationships do not reduce racial bias in empathic neural responses to pain. <i>Neuropsychologia</i> , 2014, 64, 263-270.	1.6	38
47	More than an imitation game: Top-down modulation of the human mirror system. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 195-202.	6.1	38
48	Dysfunction in the Fronto-Parietal Network in Attention Deficit Hyperactivity Disorder (ADHD): An fMRI Study. <i>Brain Imaging and Behavior</i> , 2008, 2, 123-131.	2.1	37
49	Complex spatio-temporal dynamics of fMRI BOLD: A study of motor learning. <i>NeuroImage</i> , 2007, 34, 156-168.	4.2	35
50	Using multi-echo simultaneous multi-slice (SMS) EPI to improve functional MRI of the subcortical nuclei of the basal ganglia at ultra-high field (7T). <i>NeuroImage</i> , 2018, 172, 886-895.	4.2	32
51	Sequence Heterogeneity in Parkinsonian Speech. <i>Brain and Language</i> , 1998, 64, 122-145.	1.6	31
52	Do women with fragile X syndrome have problems in switching attention: Preliminary findings from ERP and fMRI. <i>Brain and Cognition</i> , 2004, 54, 235-239.	1.8	29
53	A medial to lateral shift in pre-movement cortical activity in hemi-Parkinson's disease. <i>Clinical Neurophysiology</i> , 2001, 112, 608-618.	1.5	28
54	Bimanual co-ordination in Huntington's disease. <i>Experimental Brain Research</i> , 2000, 134, 483-489.	1.5	27

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55	Frontoparietal function in young people with dysthymic disorder (DSM-5: Persistent depressive) Tj ETQq1 1 0.784314 rgBT /Overlock 10 4.1 26		
56	Brain changes following four weeks of unimanual motor training: Evidence from fMRI-guided diffusion MRI tractography. Human Brain Mapping, 2017, 38, 4302-4312.	3.6	26
57	How Frontoparietal Brain Regions Mediate Imitative and Complementary Actions: An fMRI Study. PLoS ONE, 2011, 6, e26945.	2.5	26
58	5Hz repetitive TMS increases anticipatory motor activity in the human cortex. Neuroscience Letters, 2006, 392, 221-225.	2.1	24
59	Different Neural Processes Accompany Self-Recognition in Photographs Across the Lifespan: An ERP Study Using Dizygotic Twins. PLoS ONE, 2013, 8, e72586.	2.5	24
60	Mirror, Mirror on the Wall, How Does My Brain Recognize My Image at All?. PLoS ONE, 2012, 7, e31452.	2.5	24
61	Movement-related potentials in Huntington's disease: movement preparation and execution. Experimental Brain Research, 2001, 138, 492-499.	1.5	23
62	Basal ganglia and cortical networks for sequential ordering and rhythm of complex movements. Frontiers in Human Neuroscience, 2015, 9, 421.	2.0	23
63	Motor timing and the preparation for sequential actions. Brain and Cognition, 2011, 75, 196-204.	1.8	21
64	Cognitive empathy and motor activity during observed actions. Neuropsychologia, 2013, 51, 1103-1108.	1.6	21
65	Action intentions modulate visual processing during action perception. Neuropsychologia, 2011, 49, 2097-2104.	1.6	20
66	Effects of Context on Visuomotor Interference Depends on the Perspective of Observed Actions. PLoS ONE, 2013, 8, e53248.	2.5	20
67	Surface-Based fMRI-Driven Diffusion Tractography in the Presence of Significant Brain Pathology: A Study Linking Structure and Function in Cerebral Palsy. PLoS ONE, 2016, 11, e0159540.	2.5	20
68	Multimodal representations during an inquiry problem-solving activity in a Year 6 science class: A case study investigating cooperation, physiological arousal and belief states. Australian Journal of Education, 2016, 60, 111-127.	1.5	19
69	Intentionally not imitating: Insula cortex engaged for top-down control of action mirroring. Neuropsychologia, 2018, 111, 241-251.	1.6	18
70	Unconscious Effects of Action on Perception. Brain Sciences, 2012, 2, 130-146.	2.3	12
71	Six-month follow-up of a mindfulness yoga program, MiYoga, on attention, executive function, behaviour and physical outcomes in cerebral palsy. Disability and Rehabilitation, 2022, 44, 966-972.	1.8	7