Ross Cunnington

List of Publications by Year
in descending order

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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	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
2	Intentionally not imitating: Insula cortex engaged for top-down control of action mirroring. Neuropsychologia, 2018, 111, 241-251.	1.6	18
3	Serial correlations in single-subject fMRI with sub-second TR. NeuroImage, 2018, 166, 152-166.	4.2	61
4	Efficacy of Mindfulness-Based Interventions for Attention and Executive Function in Children and Adolescentsâ€”a Systematic Review. Mindfulness, 2018, 9, 59-78.	2.8	81
5	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). NeuroImage, 2018, 172, 886-895.	4.2	32
6	More than an imitation game: Top-down modulation of the human mirror system. Neuroscience and Biobehavioral Reviews, 2017, 75, 195-202.	6.1	38
7	Brain changes following four weeks of unimanual motor training: Evidence from fMRIâ€guided diffusion MRI tractography. Human Brain Mapping, 2017, 38, 4302-4312.	3.6	26
8	Measuring the effects of attention to individual fingertips in somatosensory cortex using ultra-high field (7T) fMRI. NeuroImage, 2017, 161, 179-187.	4.2	45
9	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
10	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
11	Basal ganglia and cortical networks for sequential ordering and rhythm of complex movements. Frontiers in Human Neuroscience, 2015, 9, 421.	2.0	23
12	Implicit Agency in Observed Actions: Evidence for N1 Suppression of Tones Caused by Self-made and Observed Actions. Journal of Cognitive Neuroscience, 2015, 27, 752-764.	2.3	40
13	Racial bias in neural response to others' pain is reduced with other-race contact. Cortex, 2015, 70, 68-78.	2.4	67
14	Reciprocal Interactions of the SMA and Cingulate Cortex Sustain Premovement Activity for Voluntary Actions. Journal of Neuroscience, 2014, 34, 16397-16407.	3.6	77
15	Intergroup relationships do not reduce racial bias in empathic neural responses to pain. Neuropsychologia, 2014, 64, 263-270.	1.6	38
16	Frontoparietal function in young people with dysthymic disorder (DSM-5: Persistent depressive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	4.1	26
17	The superior temporal sulcus and the N170 during face processing: Single trial analysis of concurrent EEGâ€“fMRI. NeuroImage, 2014, 86, 492-502.	4.2	68
18	Seeing is believing: Neural mechanisms of action-perception are biased by team membership. Human Brain Mapping, 2013, 34, 2055-2068.	3.6	52

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19	Intentional binding in self-made and observed actions. Experimental Brain Research, 2013, 229, 419-427.	1.5	56
20	Cognitive empathy and motor activity during observed actions. Neuropsychologia, 2013, 51, 1103-1108.	1.6	21
21	Effects of Context on Visuomotor Interference Depends on the Perspective of Observed Actions. PLoS ONE, 2013, 8, e53248.	2.5	20
22	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
23	Racial Bias in Neural Empathic Responses to Pain. PLoS ONE, 2013, 8, e84001.	2.5	75
24	Activation patterns during action observation are modulated by context in mirror system areas. NeuroImage, 2012, 59, 608-615.	4.2	46
25	Unconscious Effects of Action on Perception. Brain Sciences, 2012, 2, 130-146.	2.3	12
26	Brain regions with mirror properties: A meta-analysis of 125 human fMRI studies. Neuroscience and Biobehavioral Reviews, 2012, 36, 341-349.	6.1	759
27	Neural activity in readiness for incidental and explicitly timed actions. Neuropsychologia, 2012, 50, 715-722.	1.6	38
28	Mirror, Mirror on the Wall, How Does My Brain Recognize My Image at All?. PLoS ONE, 2012, 7, e31452.	2.5	24
29	Slice-timing effects and their correction in functional MRI. NeuroImage, 2011, 58, 588-594.	4.2	309
30	Motor timing and the preparation for sequential actions. Brain and Cognition, 2011, 75, 196-204.	1.8	21
31	Action intentions modulate visual processing during action perception. Neuropsychologia, 2011, 49, 2097-2104.	1.6	20
32	Attention and the readiness for action. Neuropsychologia, 2011, 49, 3303-3313.	1.6	41
33	How Frontoparietal Brain Regions Mediate Imitative and Complementary Actions: An fMRI Study. PLoS ONE, 2011, 6, e26945.	2.5	26
34	Neural mechanisms underlying spatial realignment during adaptation to optical wedge prisms. Neuropsychologia, 2010, 48, 2595-2601.	1.6	121
35	The role of the superior temporal sulcus and the mirror neuron system in imitation. Human Brain Mapping, 2010, 31, 1316-1326.	3.6	82
36	Spatial working memory and spatial attention rely on common neural processes in the intraparietal sulcus. NeuroImage, 2010, 53, 718-724.	4.2	111

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37	Motor timing and motor sequencing contribute differently to the preparation for voluntary movement. NeuroImage, 2010, 49, 3338-3348.	4.2	56
38	Enhanced brain connectivity in math-gifted adolescents: An fMRI study using mental rotation. Cognitive Neuroscience, 2010, 1, 277-288.	1.4	63
39	The role of selective attention in matching observed and executed actions. Neuropsychologia, 2009, 47, 786-795.	1.6	70
40	Structural development of the basal ganglia in attention deficit hyperactivity disorder: A diffusion tensor imaging study. Psychiatry Research - Neuroimaging, 2009, 172, 220-225.	1.8	59
41	Whiteâ€matter abnormalities in attention deficit hyperactivity disorder: A diffusion tensor imaging study. Human Brain Mapping, 2009, 30, 2757-2765.	3.6	215
42	Is the mirror neuron system involved in imitation? A short review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2009, 33, 975-980.	6.1	251
43	Dysfunction in the Fronto-Parietal Network in Attention Deficit Hyperactivity Disorder (ADHD): An fMRI Study. Brain Imaging and Behavior, 2008, 2, 123-131.	2.1	37
44	fMRI Adaptation Reveals Mirror Neurons in Human Inferior Parietal Cortex. Current Biology, 2008, 18, 1576-1580.	3.9	325
45	Selective attention modulates inferior frontal gyrus activity during action observation. NeuroImage, 2008, 40, 298-307.	4.2	113
46	The suppressive influence of SMA on M1 in motor imagery revealed by fMRI and dynamic causal modeling. NeuroImage, 2008, 40, 828-837.	4.2	219
47	Attenuation of Neural Responses in Primary Visual Cortex during the Attentional Blink. Journal of Neuroscience, 2008, 28, 9890-9894.	3.6	38
48	Complex spatio-temporal dynamics of fMRI BOLD: A study of motor learning. NeuroImage, 2007, 34, 156-168.	4.2	35
49	Right parietal dysfunction in children with attention deficit hyperactivity disorder, combined type: a functional MRI study. Molecular Psychiatry, 2007, 12, 826-832.	7.9	159
50	Increased cortical recruitment in Huntington's disease using a Simon task. Neuropsychologia, 2007, 45, 1791-1800.	1.6	77
51	REX: Response Exploration for Neuroimaging Datasets. Neuroinformatics, 2007, 5, 223-234.	2.8	72
52	The selection of intended actions and the observation of others' actions: A time-resolved fMRI study. NeuroImage, 2006, 29, 1294-1302.	4.2	123
53	5Hz repetitive TMS increases anticipatory motor activity in the human cortex. Neuroscience Letters, 2006, 392, 221-225.	2.1	24
54	Visuospatial Processing and the Function of Prefrontal-Parietal Networks in Autism Spectrum Disorders: A Functional MRI Study. American Journal of Psychiatry, 2006, 163, 1440-1443.	7.2	158

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55	Fronto-parietal activation in attention-deficit hyperactivity disorder, combined type: Functional magnetic resonance imaging study. British Journal of Psychiatry, 2005, 187, 282-283.	2.8	134
56	Mathematically gifted male adolescents activate a unique brain network during mental rotation. Cognitive Brain Research, 2005, 25, 583-587.	3.0	118
57	Premovement activity of the pre-supplementary motor area and the readiness for action: Studies of time-resolved event-related functional MRI. Human Movement Science, 2005, 24, 644-656.	1.4	141
58	Do women with fragile X syndrome have problems in switching attention: Preliminary findings from ERP and fMRI. Brain and Cognition, 2004, 54, 235-239.	1.8	29
59	The preparation and readiness for voluntary movement: a high-field event-related fMRI study of the Bereitschafts-BOLD response. NeuroImage, 2003, 20, 404-412.	4.2	211
60	Cognitive Control Mechanisms Revealed by ERP and fMRI: Evidence from Repeated Task-Switching. Journal of Cognitive Neuroscience, 2003, 15, 785-799.	2.3	171
61	Neural correlates of the emergence of consciousness of thirst. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 15241-15246.	7.1	145
62	The Preparation and Execution of Self-Initiated and Externally-Triggered Movement: A Study of Event-Related fMRI. NeuroImage, 2002, 15, 373-385.	4.2	516
63	A medial to lateral shift in pre-movement cortical activity in hemi-Parkinson's disease. Clinical Neurophysiology, 2001, 112, 608-618.	1.5	28
64	Movement-related potentials in Huntington's disease: movement preparation and execution. Experimental Brain Research, 2001, 138, 492-499.	1.5	23
65	Bilateral subthalamic nucleus stimulation does not improve prolonged P300 latencies in Parkinson's disease. Journal of Neurology, 2001, 248, 285-289.	3.6	79
66	Motor imagery in Parkinson's disease: A PET study. Movement Disorders, 2001, 16, 849-857.	3.9	54
67	Bimanual co-ordination in Huntington's disease. Experimental Brain Research, 2000, 134, 483-489.	1.5	27
68	Improvement of presurgical patient evaluation by generation of functional magnetic resonance risk maps. Neuroscience Letters, 2000, 290, 13-16.	2.1	48
69	Sequence Heterogeneity in Parkinsonian Speech. Brain and Language, 1998, 64, 122-145.	1.6	31
70	The role of the supplementary motor area in the control of voluntary movement. Human Movement Science, 1996, 15, 627-647.	1.4	121
71	Movement-related potentials associated with movement preparation and motor imagery. Experimental Brain Research, 1996, 111, 429-36.	1.5	98