

Stephen A Coombes

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,038
citations

186209

28
h-index

254106

43
g-index

60
all docs

60
docs citations

60
times ranked

2399
citing authors

#	ARTICLE	IF	CITATIONS
1	Emotion and motor preparation: A transcranial magnetic stimulation study of corticospinal motor tract excitability. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 380-388.	1.0	101
2	A Template and Probabilistic Atlas of the Human Sensorimotor Tracts using Diffusion MRI. <i>Cerebral Cortex</i> , 2018, 28, 1685-1699.	1.6	101
3	Force control and degree of motor impairments in chronic stroke. <i>Clinical Neurophysiology</i> , 2010, 121, 1952-1961.	0.7	96
4	Attentional control theory: Anxiety, emotion, and motor planning. <i>Journal of Anxiety Disorders</i> , 2009, 23, 1072-1079.	1.5	89
5	Emotion and movement: Activation of defensive circuitry alters the magnitude of a sustained muscle contraction. <i>Neuroscience Letters</i> , 2006, 396, 192-196.	1.0	80
6	Neuroimaging Evidence of Motor Control and Pain Processing in the Human Midcingulate Cortex. <i>Cerebral Cortex</i> , 2015, 25, 1906-1919.	1.6	79
7	Emotion and Motor Control: Movement Attributes Following Affective Picture Processing. <i>Journal of Motor Behavior</i> , 2005, 37, 425-436.	0.5	75
8	Development and validation of the automated imaging differentiation in parkinsonism (AID-P): a multicentre machine learning study. <i>The Lancet Digital Health</i> , 2019, 1, e222-e231.	5.9	73
9	Force control deficits in chronic stroke: grip formation and release phases. <i>Experimental Brain Research</i> , 2011, 211, 1-15.	0.7	71
10	A widespread visually-sensitive functional network relates to symptoms in essential tremor. <i>Brain</i> , 2018, 141, 472-485.	3.7	71
11	Neurite orientation dispersion and density imaging (NODDI) and free-water imaging in Parkinsonism. <i>Human Brain Mapping</i> , 2019, 40, 5094-5107.	1.9	71
12	Selective Regions of the Visuomotor System Are Related to Gain-Induced Changes in Force Error. <i>Journal of Neurophysiology</i> , 2010, 103, 2114-2123.	0.9	69
13	Pain and motor processing in the human cerebellum. <i>Pain</i> , 2016, 157, 117-127.	2.0	62
14	Emotional state and initiating cue alter central and peripheral motor processes.. <i>Emotion</i> , 2007, 7, 275-284.	1.5	60
15	Bimanual isometric force control: Asymmetry and coordination evidence post stroke. <i>Clinical Neurophysiology</i> , 2012, 123, 787-795.	0.7	60
16	Automated classification of pain perception using high-density electroencephalography data. <i>Journal of Neurophysiology</i> , 2017, 117, 786-795.	0.9	60
17	Emotional state affects the initiation of forward gait.. <i>Emotion</i> , 2011, 11, 267-277.	1.5	59
18	Emotional states alter force control during a feedback occluded motor task.. <i>Emotion</i> , 2008, 8, 104-113.	1.5	49

#	ARTICLE	IF	CITATIONS
19	Functional activity of the sensorimotor cortex and cerebellum relates to cervical dystonia symptoms. <i>Human Brain Mapping</i> , 2017, 38, 4563-4573.	1.9	49
20	Increased Force Variability in Chronic Stroke: Contributions of Force Modulation below 1 Hz. <i>PLoS ONE</i> , 2013, 8, e83468.	1.1	43
21	Dissociating Motivational Direction and Affective Valence. <i>Psychological Science</i> , 2007, 18, 938-942.	1.8	42
22	Spatiotemporal tuning of brain activity and force performance. <i>NeuroImage</i> , 2011, 54, 2226-2236.	2.1	42
23	Bimanual force control strategies in chronic stroke: Finger extension versus power grip. <i>Neuropsychologia</i> , 2012, 50, 2536-2545.	0.7	38
24	Maintaining Force Control Despite Changes in Emotional Context Engages Dorsomedial Prefrontal and Premotor Cortex. <i>Cerebral Cortex</i> , 2012, 22, 616-627.	1.6	37
25	Beta-band oscillations in the supplementary motor cortex are modulated by levodopa and associated with functional activity in the basal ganglia. <i>NeuroImage: Clinical</i> , 2018, 19, 559-571.	1.4	37
26	3D Cortical electrophysiology of ballistic upper limb movement in humans. <i>NeuroImage</i> , 2015, 115, 30-41.	2.1	33
27	Visual feedback alters force control and functional activity in the visuomotor network after stroke. <i>NeuroImage: Clinical</i> , 2018, 17, 505-517.	1.4	33
28	Viewing red prior to a strength test inhibits motor output. <i>Neuroscience Letters</i> , 2011, 495, 44-48.	1.0	30
29	Development of a transcallosal tractography template and its application to dementia. <i>NeuroImage</i> , 2019, 200, 302-312.	2.1	28
30	Where's the Emotion? How Sport Psychology Can Inform Research on Emotion in Human Factors. <i>Human Factors</i> , 2011, 53, 180-202.	2.1	27
31	Pain-Related Suppression of Beta Oscillations Facilitates Voluntary Movement. <i>Cerebral Cortex</i> , 2016, 27, bhw061.	1.6	20
32	Dose-Response Effect of Isometric Force Production on the Perception of Pain. <i>PLoS ONE</i> , 2014, 9, e88105.	1.1	19
33	Altered neural oscillations within and between sensorimotor cortex and parietal cortex in chronic jaw pain. <i>NeuroImage: Clinical</i> , 2019, 24, 101964.	1.4	18
34	Cortical dynamics within and between parietal and motor cortex in essential tremor. <i>Movement Disorders</i> , 2019, 34, 95-104.	2.2	18
35	Effects of a Force Production Task and a Working Memory Task on Pain Perception. <i>Journal of Pain</i> , 2013, 14, 1492-1501.	0.7	17
36	Free-water and free-water corrected fractional anisotropy in primary and premotor corticospinal tracts in chronic stroke. <i>Human Brain Mapping</i> , 2017, 38, 4546-4562.	1.9	16

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37	Microstructural properties of premotor pathways predict visuomotor performance in chronic stroke. <i>Human Brain Mapping</i> , 2016, 37, 2039-2054.	1.9	15
38	Visuomotor brain network activation and functional connectivity among individuals with autism spectrum disorder. <i>Human Brain Mapping</i> , 2022, 43, 844-859.	1.9	14
39	Cortical dynamics of movement-evoked pain in chronic low back pain. <i>Journal of Physiology</i> , 2021, 599, 289-305.	1.3	13
40	Influence of Emotion on the Control of Low-Level Force Production. <i>Research Quarterly for Exercise and Sport</i> , 2012, 83, 353-358.	0.8	12
41	Association of Cognitive Impairment With Free Water in the Nucleus Basalis of Meynert and Locus Coeruleus to Transentorhinal Cortex Tract. <i>Neurology</i> , 2022, 98, .	1.5	12
42	Advanced diffusion imaging to track progression in Parkinson's disease, multiple system atrophy, and progressive supranuclear palsy. <i>NeuroImage: Clinical</i> , 2022, 34, 103022.	1.4	12
43	Motor-Evoked Pain Increases Force Variability in Chronic Jaw Pain. <i>Journal of Pain</i> , 2018, 19, 636-648.	0.7	11
44	A Novel Method to Understand Neural Oscillations During Full-Body Reaching: A Combined EEG and 3D Virtual Reality Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 3074-3082.	2.7	11
45	Subclinical depression modulates the impact of emotion on force control. <i>Motivation and Emotion</i> , 2010, 34, 432-445.	0.8	10
46	Emotional reactivity and force control: The influence of behavioral inhibition. <i>Human Movement Science</i> , 2011, 30, 1052-1061.	0.6	9
47	Transient shifts in frontal and parietal circuits scale with enhanced visual feedback and changes in force variability and error. <i>Journal of Neurophysiology</i> , 2013, 109, 2205-2215.	0.9	8
48	Functional brain activity during motor control and pain processing in chronic jaw pain. <i>Pain</i> , 2018, 159, 2547-2564.	2.0	7
49	Functional imaging of the brainstem during visually-guided motor control reveals visuomotor regions in the pons and midbrain. <i>NeuroImage</i> , 2021, 226, 117627.	2.1	6
50	Chronic stroke and aging: The impact of acoustic stimulus intensity on fractionated reaction time. <i>Neuroscience Letters</i> , 2009, 452, 151-155.	1.0	5
51	Empirically derived back pain subgroups differentiated walking performance, pain, and disability. <i>Pain</i> , 2021, 162, 1806-1815.	2.0	5
52	Reply: Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , 2018, 141, e48-e48.	3.7	3
53	Neurophysiological evidence of the dynamic and adaptive pain-motor interaction. <i>Journal of Physiology</i> , 2018, 596, 2639-2640.	1.3	3
54	Pain differences in neurite orientation dispersion and density imaging measures among community-dwelling older adults. <i>Experimental Gerontology</i> , 2021, 154, 111520.	1.2	3

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55	Unraveling somatotopic organization in the human brain using machine learning and adaptive supervoxel-based parcellations. <i>NeuroImage</i> , 2021, 245, 118710.	2.1	2
56	Chronic jaw pain attenuates neural oscillations during motor-evoked pain. <i>Brain Research</i> , 2020, 1748, 147085.	1.1	1
57	Recalling fearful memories modifies approach and avoidance behavior based on spatial context.. <i>Emotion</i> , 2022, 22, 430-443.	1.5	1
58	The Motion of Emotion. <i>Advances in Human Factors and Ergonomics Series</i> , 2010, , 276-283.	0.2	1
59	Low Risk for Persistent Back Pain Disability Is Characterized by Lower Pain Sensitivity and Higher Physical Performance. <i>Physical Therapy</i> , 2022, 102, .	1.1	0