

Jonathan C W Brooks

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,999
citations

100601

38
h-index

214428

50
g-index

60
all docs

60
docs citations

60
times ranked

6944
citing authors

#	ARTICLE	IF	CITATIONS
1	Central pain modulatory mechanisms of attentional analgesia are preserved in fibromyalgia. <i>Pain</i> , 2022, 163, 125-136.	2.0	9
2	Sensory and motor electrophysiological mapping of the cerebellum in humans. <i>Scientific Reports</i> , 2022, 12, 177.	1.6	5
3	Simultaneous brain, brainstem, and spinal cord pharmacological-fMRI reveals involvement of an endogenous opioid network in attentional analgesia. <i>ELife</i> , 2022, 11, .	2.8	23
4	Parallel cortical-brainstem pathways to attentional analgesia. <i>NeuroImage</i> , 2021, 226, 117548.	2.1	26
5	Sensorimotor, language, and working memory representation within the human cerebellum. <i>Human Brain Mapping</i> , 2019, 40, 4732-4747.	1.9	73
6	Keeping track of "alternative facts": The neural correlates of processing misinformation corrections. <i>NeuroImage</i> , 2019, 193, 46-56.	2.1	27
7	Slow Down: Behavioural and Physiological Effects of Reducing Eating Rate. <i>Nutrients</i> , 2019, 11, 50.	1.7	24
8	Ultradian rhythmicity of plasma cortisol is necessary for normal emotional and cognitive responses in man. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4091-E4100.	3.3	94
9	Resolving the Brainstem Contributions to Attentional Analgesia. <i>Journal of Neuroscience</i> , 2017, 37, 2279-2291.	1.7	52
10	Neural mechanisms underlying visual attention to health warnings on branded and plain cigarette packs. <i>Addiction</i> , 2017, 112, 662-672.	1.7	66
11	Investigating resting-state functional connectivity in the cervical spinal cord at 3 T. <i>NeuroImage</i> , 2017, 147, 589-601.	2.1	68
12	Exploring the neural substrates of misinformation processing. <i>Neuropsychologia</i> , 2017, 106, 216-224.	0.7	49
13	Deep brain stimulation of the periaqueductal gray releases endogenous opioids in humans. <i>NeuroImage</i> , 2017, 146, 833-842.	2.1	58
14	Denosing spinal cord fMRI data: Approaches to acquisition and analysis. <i>NeuroImage</i> , 2017, 154, 255-266.	2.1	49
15	Effects of the pattern of glucocorticoid replacement on neural processing, emotional reactivity and well-being in healthy male individuals: study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 44.	0.7	10
16	Non-parametric combination and related permutation tests for neuroimaging. <i>Human Brain Mapping</i> , 2016, 37, 1486-1511.	1.9	211
17	A frontal attention mechanism in the visual mismatch negativity. <i>Behavioural Brain Research</i> , 2015, 293, 173-181.	1.2	33
18	MRI monitoring of pathological changes in the spinal cord in patients with multiple sclerosis. <i>Lancet Neurology</i> , The, 2015, 14, 443-454.	4.9	105

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19	Imaging Surrogates of Disease Activity in Neuromyelitis Optica Allow Distinction from Multiple Sclerosis. PLoS ONE, 2015, 10, e0137715.	1.1	47
20	Intrinsically organized resting state networks in the human spinal cord. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18067-18072.	3.3	93
21	The current state-of-the-art of spinal cord imaging: Applications. NeuroImage, 2014, 84, 1082-1093.	2.1	169
22	Spinal Cord fMRI. , 2014, , 221-239.		12
23	Optimizing RetrolCor and RetroKCor corrections for multi-shot 3D FMRI acquisitions. NeuroImage, 2014, 84, 394-405.	2.1	15
24	The current state-of-the-art of spinal cord imaging: Methods. NeuroImage, 2014, 84, 1070-1081.	2.1	256
25	Physiological Noise Modeling and Analysis for Spinal Cord fMRI. , 2014, , 240-257.		2
26	Amygdala activity contributes to the dissociative effect of cannabis on pain perception. Pain, 2013, 154, 124-134.	2.0	109
27	Resting Functional Connectivity Reveals Residual Functional Activity in Alzheimer's Disease. Biological Psychiatry, 2013, 74, 375-383.	0.7	59
28	Physiological Noise in Brainstem fMRI. Frontiers in Human Neuroscience, 2013, 7, 623.	1.0	181
29	Stimulus Site and Modality Dependence of Functional Activity within the Human Spinal Cord. Journal of Neuroscience, 2012, 32, 6231-6239.	1.7	47
30	Assessing spinal cord function in multiple sclerosis with functional neuroimaging: insights and limitations. Multiple Sclerosis Journal, 2012, 18, 1517-1519.	1.4	0
31	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. NeuroImage, 2012, 59, 1230-1238.	2.1	38
32	Assessment of physiological noise modelling methods for functional imaging of the spinal cord. NeuroImage, 2012, 60, 1538-1549.	2.1	83
33	Task-related BOLD responses and resting-state functional connectivity during physiological clamping of end-tidal CO2. NeuroImage, 2012, 61, 41-49.	2.1	22
34	BOLD signal responses to controlled hypercapnia in human spinal cord. NeuroImage, 2010, 50, 1074-1084.	2.1	59
35	Brainstem functional magnetic resonance imaging: Disentangling signal from physiological noise. Journal of Magnetic Resonance Imaging, 2008, 28, 1337-1344.	1.9	170
36	Pain relief as an opponent process: a psychophysical investigation. European Journal of Neuroscience, 2008, 28, 794-801.	1.2	96

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37	Menstrual variation of breast volume and T2 relaxation times in cyclical mastalgia. <i>Radiography</i> , 2008, 14, 8-16.	1.1	0
38	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , 2008, 39, 680-692.	2.1	212
39	Broca's Area Supports Enhanced Visuospatial Cognition in Orchestral Musicians. <i>Journal of Neuroscience</i> , 2007, 27, 3799-3806.	1.7	139
40	The insula: A multidimensional integration site for pain. <i>Pain</i> , 2007, 128, 1-2.	2.0	98
41	Attentional modulation of visceral and somatic pain. <i>Neurogastroenterology and Motility</i> , 2007, 19, 569-577.	1.6	63
42	An fMRI study of cerebral processing of brush-evoked allodynia in neuropathic pain patients. <i>NeuroImage</i> , 2006, 32, 256-265.	2.1	181
43	REVIEW: From nociception to pain perception: imaging the spinal and supraspinal pathways. <i>Journal of Anatomy</i> , 2005, 207, 19-33.	0.9	304
44	Somatotopic organisation of the human insula to painful heat studied with high resolution functional imaging. <i>NeuroImage</i> , 2005, 27, 201-209.	2.1	342
45	Quantitative assessment of the reproducibility of functional activation measured with BOLD and MR perfusion imaging: Implications for clinical trial design. <i>NeuroImage</i> , 2005, 27, 393-401.	2.1	125
46	Simultaneous recording of laser-evoked brain potentials and continuous, high-field functional magnetic resonance imaging in humans. <i>NeuroImage</i> , 2005, 28, 708-719.	2.1	123
47	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. <i>Pain</i> , 2005, 114, 397-407.	2.0	279
48	Cortical processing of visceral and somatic stimulation: Differentiating pain intensity from unpleasantness. <i>Neuroscience</i> , 2005, 133, 533-542.	1.1	120
49	Central Representation of Somatic Sensations in the Parietal Operculum (SII) and Insula. <i>European Neurology</i> , 2004, 52, 211-225.	0.6	46
50	fMRI of Thermal Pain: Effects of Stimulus Laterality and Attention. <i>NeuroImage</i> , 2002, 15, 293-301.	2.1	355
51	An MRS study of age-related changes in the neuronal marker N-acetyl aspartate. <i>NeuroImage</i> , 2001, 13, 973.	2.1	3
52	Proton magnetic resonance spectroscopy and morphometry of the hippocampus in chronic fatigue syndrome.. <i>British Journal of Radiology</i> , 2000, 73, 1206-1208.	1.0	47
53	Magnetic resonance imaging-based compartmentation and its application to measuring metabolite concentrations in the frontal lobe. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 883-888.	1.9	18
54	Absolute metabolite quantification by in vivo NMR spectroscopy: II. a multicentre trial of protocols for in vivo localised proton studies of human brain. <i>Magnetic Resonance Imaging</i> , 1998, 16, 1093-1106.	1.0	98