

# 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

87888

38  
h-index

189892

50  
g-index

60  
all docs

60  
docs citations

60  
times ranked

6162  
citing authors

#	ARTICLE	IF	CITATIONS
1	fMRI of Thermal Pain: Effects of Stimulus Laterality and Attention. <i>NeuroImage</i> , 2002, 15, 293-301.	4.2	355
2	Somatotopic organisation of the human insula to painful heat studied with high resolution functional imaging. <i>NeuroImage</i> , 2005, 27, 201-209.	4.2	342
3	REVIEW: From nociception to pain perception: imaging the spinal and supraspinal pathways. <i>Journal of Anatomy</i> , 2005, 207, 19-33.	1.5	304
4	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. <i>Pain</i> , 2005, 114, 397-407.	4.2	279
5	The current state-of-the-art of spinal cord imaging: Methods. <i>NeuroImage</i> , 2014, 84, 1070-1081.	4.2	256
6	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , 2008, 39, 680-692.	4.2	212
7	Non-parametric combination and related permutation tests for neuroimaging. <i>Human Brain Mapping</i> , 2016, 37, 1486-1511.	3.6	211
8	An fMRI study of cerebral processing of brush-evoked allodynia in neuropathic pain patients. <i>NeuroImage</i> , 2006, 32, 256-265.	4.2	181
9	Physiological Noise in Brainstem fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 623.	2.0	181
10	Brainstem functional magnetic resonance imaging: Disentangling signal from physiological noise. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1337-1344.	3.4	170
11	The current state-of-the-art of spinal cord imaging: Applications. <i>NeuroImage</i> , 2014, 84, 1082-1093.	4.2	169
12	Broca's Area Supports Enhanced Visuospatial Cognition in Orchestral Musicians. <i>Journal of Neuroscience</i> , 2007, 27, 3799-3806.	3.6	139
13	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.	4.2	125
14	Simultaneous recording of laser-evoked brain potentials and continuous, high-field functional magnetic resonance imaging in humans. <i>NeuroImage</i> , 2005, 28, 708-719.	4.2	123
15	Cortical processing of visceral and somatic stimulation: Differentiating pain intensity from unpleasantness. <i>Neuroscience</i> , 2005, 133, 533-542.	2.3	120
16	Amygdala activity contributes to the dissociative effect of cannabis on pain perception. <i>Pain</i> , 2013, 154, 124-134.	4.2	109
17	MRI monitoring of pathological changes in the spinal cord in patients with multiple sclerosis. <i>Lancet Neurology</i> , The, 2015, 14, 443-454.	10.2	105
18	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.	1.8	98

#	ARTICLE	IF	CITATIONS
19	The insula: A multidimensional integration site for pain. <i>Pain</i> , 2007, 128, 1-2.	4.2	98
20	Pain relief as an opponent process: a psychophysical investigation. <i>European Journal of Neuroscience</i> , 2008, 28, 794-801.	2.6	96
21	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.	7.1	94
22	Intrinsically organized resting state networks in the human spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18067-18072.	7.1	93
23	Assessment of physiological noise modelling methods for functional imaging of the spinal cord. <i>NeuroImage</i> , 2012, 60, 1538-1549.	4.2	83
24	Sensorimotor, language, and working memory representation within the human cerebellum. <i>Human Brain Mapping</i> , 2019, 40, 4732-4747.	3.6	73
25	Investigating resting-state functional connectivity in the cervical spinal cord at 3 T. <i>NeuroImage</i> , 2017, 147, 589-601.	4.2	68
26	Neural mechanisms underlying visual attention to health warnings on branded and plain cigarette packs. <i>Addiction</i> , 2017, 112, 662-672.	3.3	66
27	Attentional modulation of visceral and somatic pain. <i>Neurogastroenterology and Motility</i> , 2007, 19, 569-577.	3.0	63
28	BOLD signal responses to controlled hypercapnia in human spinal cord. <i>NeuroImage</i> , 2010, 50, 1074-1084.	4.2	59
29	Resting Functional Connectivity Reveals Residual Functional Activity in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 74, 375-383.	1.3	59
30	Deep brain stimulation of the periaqueductal gray releases endogenous opioids in humans. <i>NeuroImage</i> , 2017, 146, 833-842.	4.2	58
31	Resolving the Brainstem Contributions to Attentional Analgesia. <i>Journal of Neuroscience</i> , 2017, 37, 2279-2291.	3.6	52
32	Exploring the neural substrates of misinformation processing. <i>Neuropsychologia</i> , 2017, 106, 216-224.	1.6	49
33	Denoising spinal cord fMRI data: Approaches to acquisition and analysis. <i>NeuroImage</i> , 2017, 154, 255-266.	4.2	49
34	Proton magnetic resonance spectroscopy and morphometry of the hippocampus in chronic fatigue syndrome. <i>British Journal of Radiology</i> , 2000, 73, 1206-1208.	2.2	47
35	Stimulus Site and Modality Dependence of Functional Activity within the Human Spinal Cord. <i>Journal of Neuroscience</i> , 2012, 32, 6231-6239.	3.6	47
36	Imaging Surrogates of Disease Activity in Neuromyelitis Optica Allow Distinction from Multiple Sclerosis. <i>PLoS ONE</i> , 2015, 10, e0137715.	2.5	47

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37	Central Representation of Somatic Sensations in the Parietal Operculum (SII) and Insula. <i>European Neurology</i> , 2004, 52, 211-225.	1.4	46
38	Identification and characterisation of midbrain nuclei using optimised functional magnetic resonance imaging. <i>NeuroImage</i> , 2012, 59, 1230-1238.	4.2	38
39	A frontal attention mechanism in the visual mismatch negativity. <i>Behavioural Brain Research</i> , 2015, 293, 173-181.	2.2	33
40	Keeping track of "alternative facts": The neural correlates of processing misinformation corrections. <i>NeuroImage</i> , 2019, 193, 46-56.	4.2	27
41	Parallel cortical-brainstem pathways to attentional analgesia. <i>NeuroImage</i> , 2021, 226, 117548.	4.2	26
42	Slow Down: Behavioural and Physiological Effects of Reducing Eating Rate. <i>Nutrients</i> , 2019, 11, 50.	4.1	24
43	Simultaneous brain, brainstem, and spinal cord pharmacological-fMRI reveals involvement of an endogenous opioid network in attentional analgesia. <i>ELife</i> , 2022, 11, .	6.0	23
44	Task-related BOLD responses and resting-state functional connectivity during physiological clamping of end-tidal CO <sub>2</sub> . <i>NeuroImage</i> , 2012, 61, 41-49.	4.2	22
45	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.	3.0	18
46	Optimizing RetrolCor and RetroKCor corrections for multi-shot 3D FMRI acquisitions. <i>NeuroImage</i> , 2014, 84, 394-405.	4.2	15
47	Spinal Cord fMRI. , 2014, , 221-239.		12
48	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.	1.6	10
49	Central pain modulatory mechanisms of attentional analgesia are preserved in fibromyalgia. <i>Pain</i> , 2022, 163, 125-136.	4.2	9
50	Sensory and motor electrophysiological mapping of the cerebellum in humans. <i>Scientific Reports</i> , 2022, 12, 177.	3.3	5
51	An MRS study of age-related changes in the neuronal marker N-acetyl aspartate. <i>NeuroImage</i> , 2001, 13, 973.	4.2	3
52	Physiological Noise Modeling and Analysis for Spinal Cord fMRI. , 2014, , 240-257.		2
53	Menstrual variation of breast volume and T2 relaxation times in cyclical mastalgia. <i>Radiography</i> , 2008, 14, 8-16.	2.1	0
54	Assessing spinal cord function in multiple sclerosis with functional neuroimaging: insights and limitations. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1517-1519.	3.0	0