

Stuart Clare

List of Publications by Year in descending order

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42
papers

4,925
citations

257450

24
h-index

265206

42
g-index

45
all docs

45
docs citations

45
times ranked

5835
citing authors

#	ARTICLE	IF	CITATIONS
1	Shim optimization with region of interest-specific Tikhonov regularization: Application to second-order slice-wise shimming of the brain. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 1218-1230.	3.0	1
2	A Modest Increase in ¹¹ C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 716-724.	1.5	10
3	Multi-site harmonization of 7 tesla MRI neuroimaging protocols. <i>NeuroImage</i> , 2020, 206, 116335.	4.2	36
4	Multi-centre, multi-vendor reproducibility of 7T QSM and R2* in the human brain: Results from the UK7T study. <i>NeuroImage</i> , 2020, 223, 117358.	4.2	20
5	European Ultrahigh-Field Imaging Network for Neurodegenerative Diseases (EUFIND). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 538-549.	2.4	17
6	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. <i>Brain</i> , 2019, 142, 3243-3264.	7.6	156
7	A Noninvasive Comparison Study between Human Gliomas with IDH1 and IDH2 Mutations by MR Spectroscopy. <i>Metabolites</i> , 2019, 9, 35.	2.9	22
8	A method for correcting breathing-induced field fluctuations in T2*-weighted spinal cord imaging using a respiratory trace. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3745-3753.	3.0	18
9	A preliminary modeling investigation into the safe correction zone for high tibial osteotomy. <i>Knee</i> , 2018, 25, 286-295.	1.6	34
10	A comparison of ² -hydroxyglutarate detection at 3 and 7T with long-TE semi-LASER. <i>NMR in Biomedicine</i> , 2018, 31, e3886.	2.8	25
11	Template-based field map prediction for rapid whole brain B ₀ shimming. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 171-180.	3.0	5
12	Increasing Lateralized Motor Activity in Younger and Older Adults using Real-time fMRI during Executed Movements. <i>Neuroscience</i> , 2018, 378, 165-174.	2.3	15
13	Spatiotemporal characterization of breathing-induced B ₀ field fluctuations in the cervical spinal cord at 7T. <i>NeuroImage</i> , 2018, 167, 191-202.	4.2	31
14	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. <i>Investigative Radiology</i> , 2018, 53, 705-713.	6.2	11
15	Ultra-High-Field fMRI Reveals a Role for the Subiculum in Scene Perceptual Discrimination. <i>Journal of Neuroscience</i> , 2017, 37, 3150-3159.	3.6	67
16	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 625-631.	3.0	19
17	Ultra-High-Field Magnetic Resonance Spectroscopy in Psychiatry. <i>Frontiers in Psychiatry</i> , 2017, 8, 123.	2.6	33
18	Investigating the Stability of Fine-Grain Digit Somatotopy in Individual Human Participants. <i>Journal of Neuroscience</i> , 2016, 36, 1113-1127.	3.6	102

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19	Noninvasive Quantification of 2-Hydroxyglutarate in Human Gliomas with IDH1 and IDH2 Mutations. <i>Cancer Research</i> , 2016, 76, 43-49.	0.9	108
20	Perceptually relevant remapping of human somatotopy in 24 hours. <i>ELife</i> , 2016, 5, .	6.0	40
21	Two-voxel spectroscopy with dynamic B_0 shimming and flip angle adjustment at 7 T in the human motor cortex. <i>NMR in Biomedicine</i> , 2015, 28, 852-860.	2.8	28
22	fMRI reveals neural activity overlap between adult and infant pain. <i>ELife</i> , 2015, 4, .	6.0	161
23	An Ultra-High Field Magnetic Resonance Spectroscopy Study of Post Exercise Lactate, Glutamate and Glutamine Change in the Human Brain. <i>Frontiers in Physiology</i> , 2015, 6, 351.	2.8	35
24	Scan time reduction for readout of segmented EPI using simultaneous multislice acceleration: Diffusion-weighted imaging at 3 and 7 Tesla. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 136-149.	3.0	70
25	Investigating the field-dependence of the Davis model: Calibrated fMRI at 1.5, 3 and 7 T. <i>NeuroImage</i> , 2015, 112, 189-196.	4.2	13
26	Functional subdivision of the human periaqueductal grey in respiratory control using 7tesla fMRI. <i>NeuroImage</i> , 2015, 113, 356-364.	4.2	64
27	Delineating extrastriate visual area MT(V5) using cortical myeloarchitecture. <i>NeuroImage</i> , 2014, 93, 231-236.	4.2	14
28	Performance of single spin-echo and doubly refocused diffusion-weighted sequences in the presence of eddy current fields with multiple components. <i>Magnetic Resonance Imaging</i> , 2011, 29, 659-667.	1.8	7
29	Real-time adaptive sequential design for optimal acquisition of arterial spin labeling MRI data. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 203-210.	3.0	14
30	Requirements for room temperature shimming of the human brain. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 210-214.	3.0	25
31	Methodological issues relating to in vivo cortical myelography using MRI. <i>Human Brain Mapping</i> , 2005, 26, 240-250.	3.6	37
32	Independent anatomical and functional measures of the V1/V2 boundary in human visual cortex. <i>Journal of Vision</i> , 2005, 5, 1.	0.3	86
33	Magnetic Resonance Imaging of Brain Function. <i>Methods in Enzymology</i> , 2004, 385, 134-148.	1.0	2
34	Imaging how attention modulates pain in humans using functional MRI. <i>Brain</i> , 2002, 125, 310-319.	7.6	759
35	Imaging Attentional Modulation of Pain in the Periaqueductal Gray in Humans. <i>Journal of Neuroscience</i> , 2002, 22, 2748-2752.	3.6	527
36	Exacerbation of Pain by Anxiety Is Associated with Activity in a Hippocampal Network. <i>Journal of Neuroscience</i> , 2001, 21, 9896-9903.	3.6	707

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37	Compensating for B1 inhomogeneity using active transmit power modulation. <i>Magnetic Resonance Imaging</i> , 2001, 19, 1349-1352.	1.8	26
38	RapidT1 mapping using multislice echo planar imaging. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 630-634.	3.0	108
39	Single-shotT*2 measurement to establish optimum echo time for fMRI: Studies of the visual, motor, and auditory cortices at 3.0 T. <i>Magnetic Resonance in Medicine</i> , 2001, 45, 930-933.	3.0	33
40	Detecting activations in event-related fMRI using analysis of variance. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 1117-1122.	3.0	54
41	Sources of distortion in functional MRI data. <i>Human Brain Mapping</i> , 1999, 8, 80-85.	3.6	356
42	Dissociating Pain from Its Anticipation in the Human Brain. <i>Science</i> , 1999, 284, 1979-1981.	12.6	1,026