Stuart Clare

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/680235/publications.pdf

Version: 2024-02-01

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	Dissociating Pain from Its Anticipation in the Human Brain. Science, 1999, 284, 1979-1981.	12.6	1,026
2	Imaging how attention modulates pain in humans using functional MRI. Brain, 2002, 125, 310-319.	7.6	759
3	Exacerbation of Pain by Anxiety Is Associated with Activity in a Hippocampal Network. Journal of Neuroscience, 2001, 21, 9896-9903.	3.6	707
4	Imaging Attentional Modulation of Pain in the Periaqueductal Gray in Humans. Journal of Neuroscience, 2002, 22, 2748-2752.	3.6	527
5	Sources of distortion in functional MRI data. Human Brain Mapping, 1999, 8, 80-85.	3.6	356
6	fMRI reveals neural activity overlap between adult and infant pain. ELife, 2015, 4, .	6.0	161
7	CSF1R inhibitor JNJ-40346527 attenuates microglial proliferation and neurodegeneration in P301S mice. Brain, 2019, 142, 3243-3264.	7.6	156
8	RapidT1 mapping using multislice echo planar imaging. Magnetic Resonance in Medicine, 2001, 45, 630-634.	3.0	108
9	Noninvasive Quantification of 2-Hydroxyglutarate in Human Gliomas with IDH1 and IDH2 Mutations. Cancer Research, 2016, 76, 43-49.	0.9	108
10	Investigating the Stability of Fine-Grain Digit Somatotopy in Individual Human Participants. Journal of Neuroscience, 2016, 36, 1113-1127.	3.6	102
11	Independent anatomical and functional measures of the V1/V2 boundary in human visual cortex. Journal of Vision, 2005, 5, 1.	0.3	86
12	Scan time reduction for readoutâ€segmented EPI using simultaneous multislice acceleration: Diffusionâ€weighted imaging at 3 and 7 Tesla. Magnetic Resonance in Medicine, 2015, 74, 136-149.	3.0	70
13	Ultra-High-Field fMRI Reveals a Role for the Subiculum in Scene Perceptual Discrimination. Journal of Neuroscience, 2017, 37, 3150-3159.	3.6	67
14	Functional subdivision of the human periaqueductal grey in respiratory control using 7tesla fMRI. NeuroImage, 2015, 113, 356-364.	4.2	64
15	Detecting activations in event-related fMRI using analysis of variance. Magnetic Resonance in Medicine, 1999, 42, 1117-1122.	3.0	54
16	Perceptually relevant remapping of human somatotopy in 24 hours. ELife, 2016, 5, .	6.0	40
17	Methodological issues relating to in vivo cortical myelography using MRI. Human Brain Mapping, 2005, 26, 240-250.	3.6	37
18	Multi-site harmonization of 7 tesla MRI neuroimaging protocols. NeuroImage, 2020, 206, 116335.	4.2	36

#	Article	IF	Citations
19	An Ultra-High Field Magnetic Resonance Spectroscopy Study of Post Exercise Lactate, Glutamate and Glutamine Change in the Human Brain. Frontiers in Physiology, 2015, 6, 351.	2.8	35
20	A preliminary modeling investigation into the safe correction zone for high tibial osteotomy. Knee, 2018, 25, 286-295.	1.6	34
21	Single-shotT*2 measurement to establish optimum echo time for fMRI: Studies of the visual, motor, and auditory cortices at 3.0 T. Magnetic Resonance in Medicine, 2001, 45, 930-933.	3.0	33
22	Ultra-High-Field Magnetic Resonance Spectroscopy in Psychiatry. Frontiers in Psychiatry, 2017, 8, 123.	2.6	33
23	Spatiotemporal characterization of breathing-induced B0 field fluctuations in the cervical spinal cord at 7T. NeuroImage, 2018, 167, 191-202.	4.2	31
24	Twoâ€voxel spectroscopy with dynamic B₀ shimming and flip angle adjustment at 7 T in the human motor cortex. NMR in Biomedicine, 2015, 28, 852-860.	2.8	28
25	Compensating for B1 inhomogeneity using active transmit power modulation. Magnetic Resonance Imaging, 2001, 19, 1349-1352.	1.8	26
26	Requirements for room temperature shimming of the human brain. Magnetic Resonance in Medicine, 2006, 55, 210-214.	3.0	25
27	A comparison of 2â€hydroxyglutarate detection at 3 and 7ÂT with longâ€TE semiâ€LASER. NMR in Biomedicine, 2018, 31, e3886.	2.8	25
28	A Noninvasive Comparison Study between Human Gliomas with IDH1 and IDH2 Mutations by MR Spectroscopy. Metabolites, 2019, 9, 35.	2.9	22
29	Multi-centre, multi-vendor reproducibility of 7T QSM and R2* in the human brain: Results from the UK7T study. NeuroImage, 2020, 223, 117358.	4.2	20
30	Optimal echo time for functional MRI of the infant brain identified in response to noxious stimulation. Magnetic Resonance in Medicine, 2017, 78, 625-631.	3.0	19
31	A method for correcting breathingâ€induced field fluctuations in T2*â€weighted spinal cord imaging using a respiratory trace. Magnetic Resonance in Medicine, 2019, 81, 3745-3753.	3.0	18
32	European Ultrahighâ€Field Imaging Network for Neurodegenerative Diseases (EUFIND). Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 538-549.	2.4	17
33	Increasing Lateralized Motor Activity in Younger and Older Adults using Real-time fMRI during Executed Movements. Neuroscience, 2018, 378, 165-174.	2.3	15
34	Realâ€time adaptive sequential design for optimal acquisition of arterial spin labeling MRI data. Magnetic Resonance in Medicine, 2010, 64, 203-210.	3.0	14
35	Delineating extrastriate visual area MT(V5) using cortical myeloarchitecture. NeuroImage, 2014, 93, 231-236.	4.2	14
36	Investigating the field-dependence of the Davis model: Calibrated fMRI at 1.5, 3 and 7 T. NeuroImage, 2015, 112, 189-196.	4.2	13

#	Article	IF	Citations
37	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. Investigative Radiology, 2018, 53, 705-713.	6.2	11
38	A Modest Increase in 11C-PK11195-Positron Emission Tomography TSPO Binding in Depression Is Not Associated With Serum C-Reactive Protein or Body Mass Index. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 716-724.	1.5	10
39	Performance of single spin-echo and doubly refocused diffusion-weighted sequences in the presence of eddy current fields with multiple components. Magnetic Resonance Imaging, 2011, 29, 659-667.	1.8	7
40	Templateâ€based field map prediction for rapid whole brain B₀ shimming. Magnetic Resonance in Medicine, 2018, 80, 171-180.	3.0	5
41	Magnetic Resonance Imaging of Brain Function. Methods in Enzymology, 2004, 385, 134-148.	1.0	2
42	Shim optimization with region of interestâ€specific Tikhonov regularization: Application to secondâ€order sliceâ€wise shimming of the brain. Magnetic Resonance in Medicine, 2022, 87, 1218-1230.	3.0	1