

Alexander R Craven

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,020
citations

516710

16
h-index

477307

29
g-index

37
all docs

37
docs citations

37
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Big GABA: Edited MR spectroscopy at 24 research sites. <i>NeuroImage</i> , 2017, 159, 32-45.	4.2	143
2	Default-mode network functional connectivity is closely related to metabolic activity. <i>Human Brain Mapping</i> , 2015, 36, 2027-2038.	3.6	121
3	The NADPARK study: A randomized phase I trial of nicotinamide riboside supplementation in Parkinson's disease. <i>Cell Metabolism</i> , 2022, 34, 396-407.e6.	16.2	111
4	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548.	4.2	76
5	Glutamate as a mediating transmitter for auditory hallucinations in schizophrenia: A 1H MRS study. <i>Schizophrenia Research</i> , 2015, 161, 252-260.	2.0	55
6	Impact of glutamate levels on neuronal response and cognitive abilities in schizophrenia. <i>NeuroImage: Clinical</i> , 2014, 4, 576-584.	2.7	53
7	"Brain MR spectroscopy in autism spectrum disorder" the GABA excitatory/inhibitory imbalance theory revisited. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 365.	2.0	45
8	Multi-vendor standardized sequence for edited magnetic resonance spectroscopy. <i>NeuroImage</i> , 2019, 189, 425-431.	4.2	41
9	Within- and between-session reproducibility of GABA measurements with MR spectroscopy. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 421-430.	3.4	33
10	Comparison of Multivendor Single-Voxel MR Spectroscopy Data Acquired in Healthy Brain at 26 Sites. <i>Radiology</i> , 2020, 295, 171-180.	7.3	31
11	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1095-1103.	1.5	28
12	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	4.2	28
13	The association of PTSD symptom severity with amygdala nuclei volumes in traumatized youths. <i>Translational Psychiatry</i> , 2020, 10, 288.	4.8	27
14	Sex- and sex hormone-related variations in energy-metabolic frontal brain asymmetries: A magnetic resonance spectroscopy study. <i>NeuroImage</i> , 2018, 172, 817-825.	4.2	24
15	The impact of traumatic stress on Pavlovian biases. <i>Psychological Medicine</i> , 2018, 48, 327-336.	4.5	24
16	Intra-Regional Glu-GABA vs Inter-Regional Glu-Glu Imbalance: A 1H-MRS Study of the Neurochemistry of Auditory Verbal Hallucinations in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020, 46, 633-642.	4.3	23
17	Resting-state glutamatergic neurotransmission is related to the peak latency of the auditory mismatch negativity (MMN) for duration deviants: An ¹ H-MRS-EEG study. <i>Psychophysiology</i> , 2015, 52, 1131-1139.	2.4	22
18	Comparison of seven modelling algorithms for ¹³ C-aminobutyric acid-edited proton magnetic resonance spectroscopy. <i>NMR in Biomedicine</i> , 2022, 35, e4702.	2.8	20

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19	Prefrontal glutamate levels predict altered amygdalaâ€“prefrontal connectivity in traumatized youths. <i>Psychological Medicine</i> , 2019, 49, 1822-1830.	4.5	18
20	No Effects of Anodal tDCS on Local GABA and Glx Levels in the Left Posterior Superior Temporal Gyrus. <i>Frontiers in Neurology</i> , 2018, 9, 1145.	2.4	14
21	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. <i>Biological Psychiatry</i> , 2022, 92, 299-313.	1.3	11
22	Cortical Plasticity After Surgical Tendon Transfer in Tetraplegics. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 234.	2.0	8
23	A multimodal study of the effects of tDCS on dorsolateral prefrontal and temporoâ€“parietal areas during dichotic listening. <i>European Journal of Neuroscience</i> , 2021, 53, 449-459.	2.6	8
24	Dichotic listening, executive functions and grey matter cortical volume in patients with schizophrenia and healthy controls. <i>Scandinavian Journal of Psychology</i> , 2013, 54, 443-450.	1.5	7
25	Interactive visual exploration of metabolite ratios in MR spectroscopy studies. <i>Computers and Graphics</i> , 2020, 92, 1-12.	2.5	7
26	Glutamate- and GABA-Modulated Connectivity in Auditory Hallucinationsâ€”A Combined Resting State fMRI and MR Spectroscopy Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 643564.	2.6	7
27	Neural Activation in the Ventromedial Prefrontal Cortex Precedes Conscious Experience of Being in or out of a Transient Hallucinatory State. <i>Schizophrenia Bulletin</i> , 2023, 49, S58-S67.	4.3	7
28	Simultaneous Measurement of the BOLD Effect and Metabolic Changes in Response to Visual Stimulation Using the MEGA-PRESS Sequence at 3 T. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 644079.	2.0	6
29	White Matter Microstructural Differences between Hallucinating and Non-Hallucinating Schizophrenia Spectrum Patients. <i>Diagnostics</i> , 2021, 11, 139.	2.6	6
30	Association between brain activation (<sc>fMRI</sc>), cognition and school performance in extremely preterm and term born children. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 427-432.	1.5	3
31	MEGA-PRESS and PRESS measure oxidation of glutathione in a phantom. <i>Magnetic Resonance Imaging</i> , 2019, 60, 32-37.	1.8	3
32	Combined fMRI Region- and Network-Analysis Reveal New Insights of Top-Down Modulation of Bottom-Up Processes in Auditory Laterality. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 802319.	2.0	3
33	Negative valence of hallucinatory voices as predictor of cortical glutamatergic metabolite levels in schizophrenia patients. <i>Brain and Behavior</i> , 2022, 12, e32446.	2.2	3
34	Glutamatergic modulation of auditory cortex connectivity with attentional brain networks in unpredictable perceptual environment. <i>Scientific Reports</i> , 2020, 10, 15059.	3.3	2
35	Cerebral Functional Magnetic Resonance Imaging and Multifocal Visual Evoked Potentials in a Patient with Unexplained Impairment of Visual Function: A Case Report. <i>Case Reports in Ophthalmology</i> , 2018, 9, 269-278.	0.7	0