

David A Edmondson

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

463
citations

840728

11
h-index

839512

18
g-index

18
all docs

18
docs citations

18
times ranked

788
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	Big GABA II: Water-referenced edited MR spectroscopy at 25 research sites. <i>NeuroImage</i> , 2019, 191, 537-548.	4.2	76
3	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
4	Toenail Manganese: A Sensitive and Specific Biomarker of Exposure to Manganese in Career Welders. <i>Annals of Work Exposures and Health</i> , 2018, 62, 101-111.	1.4	30
5	Impairment of Motor Function Correlates with Neurometabolite and Brain Iron Alterations in Parkinson's Disease. <i>Cells</i> , 2019, 8, 96.	4.1	28
6	Frequency drift in MR spectroscopy at 3T. <i>NeuroImage</i> , 2021, 241, 118430.	4.2	28
7	Association of exposure to manganese and iron with striatal and thalamic GABA and other neurometabolites – Neuroimaging results from the WELDOX II study. <i>NeuroToxicology</i> , 2018, 64, 60-67.	3.0	23
8	Transcript Analysis for Internal Biodosimetry Using Peripheral Blood from Neuroblastoma Patients Treated with 131I-mIBG, a Targeted Radionuclide. <i>Radiation Research</i> , 2016, 186, 235.	1.5	20
9	Manganese Exposure and Neurologic Outcomes in Adult Populations. <i>Neurologic Clinics</i> , 2020, 38, 913-936.	1.8	17
10	A Magnetic Resonance Spectroscopy Study of Superior Visual Search Abilities in Children with Autism Spectrum Disorder. <i>Autism Research</i> , 2020, 13, 550-562.	3.8	16
11	Associations between sensory processing and electrophysiological and neurochemical measures in children with ASD: an EEG-MRS study. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 5.	3.1	16
12	Reversibility of Neuroimaging Markers Influenced by Lifetime Occupational Manganese Exposure. <i>Toxicological Sciences</i> , 2019, 172, 181-190.	3.1	10
13	Whole-brain R1 predicts manganese exposure and biological effects in welders. <i>Archives of Toxicology</i> , 2020, 94, 3409-3420.	4.2	9
14	Peripheral Blood Biomarkers Associated With Toxicity and Treatment Characteristics After 131 I-Metaiodobenzylguanidine Therapy in Patients With Neuroblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 468-475.	0.8	6
15	Peripheral Blood Transcript Signatures after Internal 131I-mIBG Therapy in Relapsed and Refractory Neuroblastoma Patients Identifies Early and Late Biomarkers of Internal 131I Exposures. <i>Radiation Research</i> , 2021, 197, .	1.5	4
16	Magnetic resonance spectroscopy brain metabolites at term and 3-year neurodevelopmental outcomes in very preterm infants. <i>Pediatric Research</i> , 2022, 92, 299-306.	2.3	3
17	Magnetic Resonance Spectroscopy in Parkinsonian Disorders. <i>Contemporary Clinical Neuroscience</i> , 2016, , 71-102.	0.3	1