

Alexander P Lin

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,076
citations

201674

27
h-index

168389

53
g-index

61
all docs

61
docs citations

61
times ranked

5494
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>ENIGMA</scp> brain injury: Framework, challenges, and opportunities. <i>Human Brain Mapping</i> , 2022, 43, 149-166.	3.6	33
2	Translational neuroimaging in mild traumatic brain injury. <i>Journal of Neuroscience Research</i> , 2022, 100, 1201-1217.	2.9	11
3	REPIMPACT - a prospective longitudinal multisite study on the effects of repetitive head impacts in youth soccer. <i>Brain Imaging and Behavior</i> , 2022, 16, 492-502.	2.1	6
4	Magnetic Resonance Spectroscopy of Hypoxic-Ischemic Encephalopathy After Cardiac Arrest. <i>Neurology</i> , 2022, 98, .	1.1	5
5	Perceived Stress, Cortical GABA, and Functional Connectivity Correlates: A Hypothesis-Generating Preliminary Study. <i>Frontiers in Psychiatry</i> , 2022, 13, 802449.	2.6	1
6	The ENIGMA sports injury working group:“ an international collaboration to further our understanding of sport-related brain injury. <i>Brain Imaging and Behavior</i> , 2021, 15, 576-584.	2.1	8
7	A global collaboration to study intimate partner violence-related head trauma: The ENIGMA consortium IPV working group. <i>Brain Imaging and Behavior</i> , 2021, 15, 475-503.	2.1	21
8	Longitudinal changes in COVID-19 clinical measures and correlation with the extent of CT lung abnormalities. <i>International Journal of Medical Sciences</i> , 2021, 18, 1277-1284.	2.5	4
9	Magnetic Resonance Imaging (MRI) and Spectroscopy in Succinic Semialdehyde Dehydrogenase Deficiency. <i>Journal of Child Neurology</i> , 2021, 36, 1162-1168.	1.4	12
10	Age at First Exposure to Tackle Football is Associated with Cortical Thickness in Former Professional American Football Players. <i>Cerebral Cortex</i> , 2021, 31, 3426-3434.	2.9	11
11	Shimming“the forgotten child of in-vivo MR?. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 179-181.	2.0	1
12	Clinical utility of brain MRS imaging of patients with adult-onset non-cirrhotic hyperammonemia. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 27, 100742.	1.1	1
13	Exposure to Repetitive Head Impacts Is Associated With Corpus Callosum Microstructure and Plasma Total Tau in Former Professional American Football Players. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1819-1829.	3.4	7
14	Developing methods to detect and diagnose chronic traumatic encephalopathy during life: rationale, design, and methodology for the DIAGNOSE CTE Research Project. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 136.	6.2	30
15	Quantifying and Examining Reserve in Symptomatic Former National Football League Players. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-15.	2.6	0
16	A magnetic resonance spectroscopy investigation in symptomatic former NFL players. <i>Brain Imaging and Behavior</i> , 2020, 14, 1419-1429.	2.1	39
17	Whole-Brain MR Spectroscopy Imaging of Brain Tumor Metabolites. <i>Radiology</i> , 2020, 294, 598-599.	7.3	5
18	A retrospective study of adult patients with noncirrhotic hyperammonemia. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1165-1172.	3.6	12

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19	Associations Between Neurochemistry and Gait Performance Following Concussion in Collegiate Athletes. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, 342-353.	1.7	11
20	Dual-Task Gait Recovery after Concussion among Female and Male Collegiate Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1015-1021.	0.4	17
21	Sex-Related Differences in the Effects of Sports-Related Concussion: A Review. <i>Journal of Neuroimaging</i> , 2020, 30, 387-409.	2.0	48
22	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	4.8	365
23	Limbic system structure volumes and associated neurocognitive functioning in former NFL players. <i>Brain Imaging and Behavior</i> , 2019, 13, 725-734.	2.1	35
24	Overcoming Technical Challenges of MR Spectroscopy in Chronic Spinal Cord Injury. <i>Radiology</i> , 2019, 291, 139-140.	7.3	2
25	Methodological consensus on clinical proton MRS of the brain: Review and recommendations. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 527-550.	3.0	280
26	Interactive Effects of Racial Identity and Repetitive Head Impacts on Cognitive Function, Structural MRI-Derived Volumetric Measures, and Cerebrospinal Fluid Tau and A β . <i>Frontiers in Human Neuroscience</i> , 2019, 13, 440.	2.0	14
27	A phase I, open label, perioperative study of AG-120 and AG-881 in recurrent IDH1 mutant, low-grade glioma: Results from cohort 1.. <i>Journal of Clinical Oncology</i> , 2019, 37, 2003-2003.	1.6	25
28	Tai Chi Improves Brain Metabolism and Muscle Energetics in Older Adults. <i>Journal of Neuroimaging</i> , 2018, 28, 359-364.	2.0	14
29	Diagnostic accuracy of 2-hydroxyglutarate magnetic resonance spectroscopy in newly diagnosed brain mass and suspected recurrent gliomas. <i>Neuro-Oncology</i> , 2018, 20, 1262-1271.	1.2	31
30	Age at First Exposure to Repetitive Head Impacts Is Associated with Smaller Thalamic Volumes in Former Professional American Football Players. <i>Journal of Neurotrauma</i> , 2018, 35, 278-285.	3.4	76
31	Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. <i>NeuroImage: Clinical</i> , 2018, 17, 642-649.	2.7	62
32	White matter signal abnormalities in former National Football League players. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 56-65.	2.4	57
33	Neuro-Metabolite Changes in a Single Season of University Ice Hockey Using Magnetic Resonance Spectroscopy. <i>Frontiers in Neurology</i> , 2018, 9, 616.	2.4	19
34	Metabolic Effects of Betaine: A Randomized Clinical Trial of Betaine Supplementation in Prediabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3038-3049.	3.6	30
35	Combination of Clinical Exam, MRI and EEG to Predict Outcome Following Cardiac Arrest and Targeted Temperature Management. <i>Neurocritical Care</i> , 2018, 29, 396-403.	2.4	32
36	Automated versus manual segmentation of brain region volumes in former football players. <i>NeuroImage: Clinical</i> , 2018, 18, 888-896.	2.7	35

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37	MR Spectroscopy Findings in Retired Professional Rugby League Players. <i>International Journal of Sports Medicine</i> , 2017, 38, 241-252.	1.7	35
38	Brain MRS glutamine as a biomarker to guide therapy of hyperammonemic coma. <i>Molecular Genetics and Metabolism</i> , 2017, 121, 9-15.	1.1	8
39	Correcting for Frequency Drift in Clinical Brain MR Spectroscopy. <i>Journal of Neuroimaging</i> , 2017, 27, 23-28.	2.0	21
40	Virtual Biopsy: Distinguishing Post-traumatic Stress from Mild Traumatic Brain Injury Using Magnetic Resonance Spectroscopy. , 2017, , .		2
41	Spectral improvement by fourier thresholding of in vivo dynamic spectroscopy data. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 978-985.	3.0	6
42	Improved Measurement of Brain Phenylalanine and Tyrosine Related to Neuropsychological Functioning in Phenylketonuria. <i>JIMD Reports</i> , 2016, 34, 77-86.	1.5	13
43	Cortical thinning in former professional soccer players. <i>Brain Imaging and Behavior</i> , 2016, 10, 792-798.	2.1	115
44	A Review of Neuroimaging Findings in Repetitive Brain Trauma. <i>Brain Pathology</i> , 2015, 25, 318-349.	4.1	107
45	Age at First Exposure to Football Is Associated with Altered Corpus Callosum White Matter Microstructure in Former Professional Football Players. <i>Journal of Neurotrauma</i> , 2015, 32, 1768-1776.	3.4	150
46	Altered Neurochemistry in Former Professional Soccer Players without a History of Concussion. <i>Journal of Neurotrauma</i> , 2015, 32, 1287-1293.	3.4	131
47	Changes in the neurochemistry of athletes with repetitive brain trauma: preliminary results using localized correlated spectroscopy. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 13.	6.2	63
48	Advanced neuroimaging applied to veterans and service personnel with traumatic brain injury: state of the art and potential benefits. <i>Brain Imaging and Behavior</i> , 2015, 9, 367-402.	2.1	63
49	Neuroimaging in repetitive brain trauma. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 10.	6.2	49
50	Clinical Proton MR Spectroscopy in Central Nervous System Disorders. <i>Radiology</i> , 2014, 270, 658-679.	7.3	524
51	Clinical appraisal of chronic traumatic encephalopathy. <i>Current Opinion in Neurology</i> , 2011, 24, 525-531.	3.6	93
52	Use of in Vivo Two-dimensional MR Spectroscopy to Compare the Biochemistry of the Human Brain to That of Glioblastoma. <i>Radiology</i> , 2011, 259, 540-549.	7.3	36
53	Fast volumetric spatial-spectral MR imaging of hyperpolarized ¹³ C-labeled compounds using multiple echo 3D bSSFP. <i>Magnetic Resonance Imaging</i> , 2010, 28, 459-465.	1.8	27
54	MR Spectroscopy in Diagnosis and Neurological Decision-Making. <i>Seminars in Neurology</i> , 2008, 28, 407-422.	1.4	27

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55	Impact of evidence-based medicine on magnetic resonance spectroscopy. <i>NMR in Biomedicine</i> , 2006, 19, 476-483.	2.8	24
56	Skeletal muscle oxidative metabolism in sedentary humans: ³¹ P-MRS assessment of O ₂ supply and demand limitations. <i>Journal of Applied Physiology</i> , 2004, 97, 1077-1081.	2.5	77
57	Reduced glutamate neurotransmission in patients with Alzheimer's disease?an in vivo ¹³ C magnetic resonance spectroscopy study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2003, 16, 29-42.	2.0	107
58	Short-Echo Time Proton MR Spectroscopy in the Presence of Gadolinium. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 705-712.	0.9	36