

Claudiu Schirda

List of Publications by Year in descending order

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42
papers

2,164
citations

257101

24
h-index

276539

41
g-index

42
all docs

42
docs citations

42
times ranked

3136
citing authors

#	ARTICLE	IF	CITATIONS
1	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	2.1	539
2	Clinical cell therapy imaging using a perfluorocarbon tracer and fluorine-19 MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1696-1701.	1.9	203
3	Abnormal subcortical deep-gray matter susceptibility-weighted imaging filtered phase measurements in patients with multiple sclerosis. <i>NeuroImage</i> , 2012, 59, 331-339.	2.1	176
4	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. <i>NeuroImage</i> , 2016, 130, 194-213.	2.1	85
5	Use of MR Venography for Characterization of the Extracranial Venous System in Patients with Multiple Sclerosis and Healthy Control Subjects. <i>Radiology</i> , 2011, 258, 562-570.	3.6	81
6	Hypoperfusion of brain parenchyma is associated with the severity of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis: a cross-sectional preliminary report. <i>BMC Medicine</i> , 2011, 9, 22.	2.3	77
7	The severity of chronic cerebrospinal venous insufficiency in patients with multiple sclerosis is related to altered cerebrospinal fluid dynamics. <i>Functional Neurology</i> , 2009, 24, 133-8.	1.3	76
8	Use of neck magnetic resonance venography, Doppler sonography and selective venography for diagnosis of chronic cerebrospinal venous insufficiency: a pilot study in multiple sclerosis patients and healthy controls. <i>International Angiology</i> , 2010, 29, 127-39.	0.4	66
9	Value of MR Venography for Detection of Internal Jugular Vein Anomalies in Multiple Sclerosis: A Pilot Longitudinal Study. <i>American Journal of Neuroradiology</i> , 2011, 32, 938-946.	1.2	63
10	Decreased amygdala-insula resting state connectivity in behaviorally and emotionally dysregulated youth. <i>Psychiatry Research - Neuroimaging</i> , 2015, 231, 77-86.	0.9	61
11	Chronic cerebrospinal venous insufficiency and iron deposition on susceptibility-weighted imaging in patients with multiple sclerosis: a pilot case-control study. <i>International Angiology</i> , 2010, 29, 158-75.	0.4	54
12	Decreased brain venous vasculature visibility on susceptibility-weighted imaging venography in patients with multiple sclerosis is related to chronic cerebrospinal venous insufficiency. <i>BMC Neurology</i> , 2011, 11, 128.	0.8	50
13	Baseline brain function in the preadolescents of the ABCD Study. <i>Nature Neuroscience</i> , 2021, 24, 1176-1186.	7.1	48
14	Cine cerebrospinal fluid imaging in multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 825-834.	1.9	46
15	Parsing Dimensional vs Diagnostic Category-Related Patterns of Reward Circuitry Function in Behaviorally and Emotionally Dysregulated Youth in the Longitudinal Assessment of Manic Symptoms Study. <i>JAMA Psychiatry</i> , 2014, 71, 71.	6.0	45
16	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	1.5	45
17	Rosette spectroscopic imaging: Optimal parameters for alias-free, high sensitivity spectroscopic imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 1375-1385.	1.9	34
18	Glutamate and GABA contributions to medial prefrontal cortical activity to emotion: Implications for mood disorders. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 253-260.	0.9	34

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19	Emotional Face Processing in Pediatric Bipolar Disorder: Evidence for Functional Impairments in the Fusiform Gyrus. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 1314-1325.e3.	0.3	33
20	White Matter Structure in Youth With Behavioral and Emotional Dysregulation Disorders. <i>JAMA Psychiatry</i> , 2015, 72, 367.	6.0	32
21	Predicting clinical outcome from reward circuitry function and white matter structure in behaviorally and emotionally dysregulated youth. <i>Molecular Psychiatry</i> , 2016, 21, 1194-1201.	4.1	32
22	Changes of Cine Cerebrospinal Fluid Dynamics in Patients with Multiple Sclerosis Treated with Percutaneous Transluminal Angioplasty: A Case-control Study. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 829-838.	0.2	31
23	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	4.5	28
24	Signal abnormalities on 1.5 and 3 Tesla brain MRI in multiple sclerosis patients and healthy controls. A morphological and spatial quantitative comparison study. <i>NeuroImage</i> , 2009, 47, 1352-1362.	2.1	26
25	Gray matter SWI-filtered phase and atrophy are linked to disability in MS. <i>Frontiers in Bioscience - Elite</i> , 2013, E5, 525-532.	0.9	24
26	CSF dynamics and brain volume in multiple sclerosis are associated with extracranial venous flow anomalies: a pilot study. <i>International Angiology</i> , 2010, 29, 140-8.	0.4	24
27	Behavioral and emotional dysregulation trajectories marked by prefrontal amygdala function in symptomatic youth. <i>Psychological Medicine</i> , 2014, 44, 2603-2615.	2.7	20
28	Substance use patterns in 9-10 year olds: Baseline findings from the adolescent brain cognitive development (ABCD) study. <i>Drug and Alcohol Dependence</i> , 2021, 227, 108946.	1.6	19
29	In vivo brain rosette spectroscopic imaging (RSI) with LASER excitation, constant gradient strength readout, and automated LCMoel quantification for all voxels. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 380-390.	1.9	18
30	Reward-related neural activity and structure predict future substance use in dysregulated youth. <i>Psychological Medicine</i> , 2017, 47, 1357-1369.	2.7	18
31	Can Emotional and Behavioral Dysregulation in Youth Be Decoded from Functional Neuroimaging?. <i>PLoS ONE</i> , 2016, 11, e0117603.	1.1	18
32	Fast 3D rosette spectroscopic imaging of neocortical abnormalities at 3T: Assessment of spectral quality. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2470-2480.	1.9	11
33	Brain Regional Blood Flow and Working Memory Performance Predict Change in Blood Pressure Over 2 Years. <i>Hypertension</i> , 2017, 70, 1132-1141.	1.3	10
34	Longitudinal Relationships Among Activity in Attention Redirection Neural Circuitry and Symptom Severity in Youth. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 336-345.	1.1	8
35	Decreased functional connectivity in the fronto-parietal network in children with mood disorders compared to children with dyslexia during rest: An fMRI study. <i>NeuroImage: Clinical</i> , 2018, 18, 582-590.	1.4	6
36	White Matter Hyperintensities on 1.5 and 3 Tesla Brain MRI in Healthy Individuals. <i>Journal of Biomedical Graphics and Computing</i> , 2013, 3, .	0.2	5

#	ARTICLE	IF	CITATIONS
37	Dynamics of hepatic steatosis resolution and changes in gut microbiome with weight loss in nonalcoholic fatty liver disease. <i>Obesity Science and Practice</i> , 2021, 7, 217-225.	1.0	5
38	Fast, regional three-dimensional hybrid (1D-Hadamard 2D-Crosette) proton MR spectroscopic imaging in the human temporal lobes. <i>NMR in Biomedicine</i> , 2021, 34, e4507.	1.6	5
39	Iterative projection onto convex sets for quantitative susceptibility mapping. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 697-703.	1.9	3
40	Reading related white matter structures in adolescents are influenced more by dysregulation of emotion than behavior. <i>NeuroImage: Clinical</i> , 2017, 15, 732-740.	1.4	3
41	Clinical cell therapy imaging using a perfluorocarbon tracer and fluorine-19 MRI. <i>Magnetic Resonance in Medicine</i> , 2014, 72, spcone-spcone.	1.9	2
42	Using machine learning and surface reconstruction to accurately differentiate different trajectories of mood and energy dysregulation in youth. <i>PLoS ONE</i> , 2017, 12, e0180221.	1.1	0