

# Alex Michael M Pagnozzi

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

385  
citations

933447

10  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

833  
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review of structural MRI biomarkers in autism spectrum disorder: A machine learning perspective. <i>International Journal of Developmental Neuroscience</i> , 2018, 71, 68-82.	1.6	102
2	Brain changes following four weeks of unimanual motor training: Evidence from behavior, neural stimulation, cortical thickness, and functional MRI. <i>Human Brain Mapping</i> , 2017, 38, 4773-4787.	3.6	79
3	Measuring neuroplasticity associated with cerebral palsy rehabilitation: An MRI based power analysis. <i>International Journal of Developmental Neuroscience</i> , 2017, 58, 17-25.	1.6	25
4	Alterations in regional shape on ipsilateral and contralateral cortex contrast in children with unilateral cerebral palsy and are predictive of multiple outcomes. <i>Human Brain Mapping</i> , 2016, 37, 3588-3603.	3.6	21
5	Automated, quantitative measures of grey and white matter lesion burden correlates with motor and cognitive function in children with unilateral cerebral palsy. <i>NeuroImage: Clinical</i> , 2016, 11, 751-759.	2.7	20
6	Quantifying deep grey matter atrophy using automated segmentation approaches: A systematic review of structural MRI studies. <i>NeuroImage</i> , 2019, 201, 116018.	4.2	20
7	The need for improved brain lesion segmentation techniques for children with cerebral palsy: A review. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 229-246.	1.6	19
8	Optofluidic needle probe integrating targeted delivery of fluid with optical coherence tomography imaging. <i>Optics Letters</i> , 2014, 39, 2888.	3.3	18
9	Brain lesion scores obtained using a simple semi-quantitative scale from MR imaging are associated with motor function, communication and cognition in dyskinetic cerebral palsy. <i>NeuroImage: Clinical</i> , 2018, 19, 892-900.	2.7	13
10	Identifying relevant biomarkers of brain injury from structural MRI: Validation using automated approaches in children with unilateral cerebral palsy. <i>PLoS ONE</i> , 2017, 12, e0181605.	2.5	11
11	Prediction of childhood brain outcomes in infants born preterm using neonatal MRI and concurrent clinical biomarkers (PREBO-6): study protocol for a prospective cohort study. <i>BMJ Open</i> , 2020, 10, e036480.	1.9	11
12	Optimization of MRI-based scoring scales of brain injury severity in children with unilateral cerebral palsy. <i>Pediatric Radiology</i> , 2016, 46, 270-279.	2.0	8
13	Understanding the impact of bilateral brain injury in children with unilateral cerebral palsy. <i>Human Brain Mapping</i> , 2020, 41, 2794-2807.	3.6	8
14	Dual acquisition of <sup>18</sup> F-FMISO and <sup>18</sup> F-FDOPA. <i>Physics in Medicine and Biology</i> , 2014, 59, 3925-3949.	3.0	7
15	Automated quantification of lung structures from optical coherence tomography images. <i>Biomedical Optics Express</i> , 2013, 4, 2383.	2.9	6
16	Using ventricular modeling to robustly probe significant deep gray matter pathologies: Application to cerebral palsy. <i>Human Brain Mapping</i> , 2016, 37, 3795-3809.	3.6	5
17	Cognitive, academic, executive and psychological functioning in children with spastic motor type cerebral palsy: Influence of extent, location, and laterality of brain lesions. <i>European Journal of Paediatric Neurology</i> , 2022, 38, 33-46.	1.6	5
18	Expectation-Maximization with Image-Weighted Markov Random Fields to Handle Severe Pathology. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	Rapid Training Data Generation for Tissue Segmentation Using Global Approximate Block-Matching with Self-organizing Maps. Lecture Notes in Computer Science, 2018, , 110-118.	1.3	0