Simona Fiori

List of Publications by Year in descending order

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Version: 2024-02-01

64 papers	2,232 citations	331538 21 h-index	243529 44 g-index
65 all docs	65 docs citations	65 times ranked	2847 citing authors

#	Article	IF	Citations
1	Differences and Commonalities in Children with Childhood Apraxia of Speech and Comorbid Neurodevelopmental Disorders: A Multidimensional Perspective. Journal of Personalized Medicine, 2022, 12, 313.	1.1	7
2	Cognitive, academic, executive and psychological functioning in children with spastic motor type cerebral palsy: Influence of extent, location, and laterality of brain lesions. European Journal of Paediatric Neurology, 2022, 38, 33-46.	0.7	5
3	PROMPT to improve speech motor abilities in children with cerebral palsy: a wait-list control group trial protocol. BMC Neurology, 2022, 22, .	0.8	0
4	Early clinical and MRI biomarkers of cognitive and motor outcomes in very preterm born infants. Pediatric Research, 2021, 90, 1243-1250.	1.1	9
5	Neural substrates of neuropsychological profiles in dystrophynopathies: A pilot study of diffusion tractography imaging. PLoS ONE, 2021, 16, e0250420.	1.1	4
6	The Diagnostic Approach to Mitochondrial Disorders in Children in the Era of Next-Generation Sequencing: A 4-Year Cohort Study. Journal of Clinical Medicine, 2021, 10, 3222.	1.0	4
7	Neural Changes Induced by a Speech Motor Treatment in Childhood Apraxia of Speech: A Case Series. Journal of Child Neurology, 2021, 36, 958-967.	0.7	7
8	Automating Quantitative Measures of an Established Conventional MRI Scoring System for Preterm-Born Infants Scanned between 29 and 47 Weeksâ€™ Postmenstrual Age. American Journal of Neuroradiology, 2021, 42, 1870-1877.	1.2	0
9	Structural brain damage and visual disorders in children with cerebral palsy due to periventricular leukomalacia. NeuroImage: Clinical, 2020, 28, 102430.	1.4	17
10	Autism Spectrum Disorder and Childhood Apraxia of Speech: Early Language-Related Hallmarks across Structural MRI Study. Journal of Personalized Medicine, 2020, 10, 275.	1.1	22
11	Understanding the impact of bilateral brain injury in children with unilateral cerebral palsy. Human Brain Mapping, 2020, 41, 2794-2807.	1.9	8
12	A de novo KCNQ2 Gene Mutation Associated With Non-familial Early Onset Seizures: Case Report and Revision of Literature Data. Frontiers in Pediatrics, 2019, 7, 348.	0.9	6
13	Transcranial Direct Current Stimulation (tDCS) in Unilateral Cerebral Palsy: A Pilot Study of Motor Effect. Neural Plasticity, 2019, 2019, 1-10.	1.0	14
14	Neural Plasticity after Congenital Brain Lesions. Neural Plasticity, 2019, 2019, 1-2.	1.0	3
15	Hemispheric language organization after congenital left brain lesions: A comparison between functional transcranial Doppler and functional <scp>MRI</scp>. Journal of Neuropsychology, 2019, 13, 46-66.	0.6	9
16	Assessing motor, visual and language function using a single 5-minute fMRI paradigm: three birds with one stone. Brain Imaging and Behavior, 2018, 12, 1775-1785.	1.1	7
17	Fixel-based analysis reveals alterations is brain microstructure and macrostructure of preterm-born infants at term equivalent age. NeuroImage: Clinical, 2018, 18, 51-59.	1.4	52
18	Relationship between very early brain structure and neuromotor, neurological and neurobehavioral function in infants born <31â€¯weeks gestational age. Early Human Development, 2018, 117, 74-82.	0.8	28

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19	Reply:. American Journal of Neuroradiology, 2018, 39, E40-E41.	1.2	0
20	Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI): a feasibility study. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 973-980.	0.7	50
21	Potentials of Ultrahigh-Field MRI for the Study of Somatosensory Reorganization in Congenital Hemiplegia. Neural Plasticity, 2018, 2018, 1-11.	1.0	3
22	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. NeuroImage: Clinical, 2018, 19, 892-900.	1.4	13
23	Spastic diplegia in preterm-born children: Executive function impairment and neuroanatomical correlates. Research in Developmental Disabilities, 2017, 61, 116-126.	1.2	29
24	Measuring neuroplasticity associated with cerebral palsy rehabilitation: An MRI based power analysis. International Journal of Developmental Neuroscience, 2017, 58, 17-25.	0.7	25
25	Validation of an MRI Brain Injury and Growth Scoring System in Very Preterm Infants Scanned at 29- to 35-Week Postmenstrual Age. American Journal of Neuroradiology, 2017, 38, 1435-1442.	1.2	32
26	How does the interaction of presumed timing, location and extent of the underlying brain lesion relate to upper limb function in children with unilateral cerebral palsy?. European Journal of Paediatric Neurology, 2017, 21, 763-772.	0.7	29
27	REACH: study protocol of a randomised trial of rehabilitation very early in congenital hemiplegia. BMJ Open, 2017, 7, e017204.	0.8	35
28	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, 2017, 171, 897.	3.3	898
29	PREDICT-CP: study protocol of implementation of comprehensive surveillance to predict outcomes for school-aged children with cerebral palsy. BMJ Open, 2017, 7, e014950.	0.8	20
30	Structural Brain Damage and Upper Limb Kinematics in Children with Unilateral Cerebral Palsy. Frontiers in Human Neuroscience, 2017, 11, 607.	1.0	11
31	Identifying relevant biomarkers of brain injury from structural MRI: Validation using automated approaches in children with unilateral cerebral palsy. PLoS ONE, 2017, 12, e0181605.	1.1	11
32	Alterations in regional shape on ipsilateral and contralateral cortex contrast in children with unilateral cerebral palsy and are predictive of multiple outcomes. Human Brain Mapping, 2016, 37, 3588-3603.	1.9	21
33	Extent of altered white matter in unilateral and bilateral periventricular white matter lesions in children with unilateral cerebral palsy. Research in Developmental Disabilities, 2016, 55, 368-376.	1.2	12
34	Relationship between brain lesion characteristics and communication in preschool children with cerebral palsy. Research in Developmental Disabilities, 2016, 58, 55-64.	1.2	19
35	Automated, quantitative measures of grey and white matter lesion burden correlates with motor and cognitive function in children with unilateral cerebral palsy. NeuroImage: Clinical, 2016, 11, 751-759.	1.4	20
36	Neuroanatomical correlates of childhood apraxia of speech: A connectomic approach. NeuroImage: Clinical, 2016, 12, 894-901.	1.4	18

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37	Diffusion Tractography Biomarkers of Pediatric Cerebellar Hypoplasia/Atrophy: Preliminary Results Using Constrained Spherical Deconvolution. American Journal of Neuroradiology, 2016, 37, 917-923.	1.2	8
38	Optimization of MRI-based scoring scales of brain injury severity in children with unilateral cerebral palsy. Pediatric Radiology, 2016, 46, 270-279.	1.1	8
39	Motor pathway degeneration in young ataxia telangiectasia patients: A diffusion tractography study. NeuroImage: Clinical, 2015, 9, 206-215.	1.4	22
40	Structural connectivity of the anterior cingulate in children with unilateral cerebral palsy due to white matter lesions. NeuroImage: Clinical, 2015, 9, 498-505.	1.4	26
41	Paediatric arterial ischaemic stroke and cerebral sinovenous thrombosis. Thrombosis and Haemostasis, 2015, 113, 1270-1277.	1.8	28
42	Is one motor cortex enough for two hands?. Developmental Medicine and Child Neurology, 2015, 57, 977-980.	1.1	5
43	Navigation strategies as revealed by error patterns on the Magic Carpet test in children with cerebral palsy. Frontiers in Psychology, 2015, 6, 880.	1.1	19
44	Serum cortisol concentrations during induced hypothermia for perinatal asphyxia are associated with neurological outcome in human infants. Stress, 2015, 18, 129-133.	0.8	4
45	Plasticity following early-life brain injury: Insights from quantitative MRI. Seminars in Perinatology, 2015, 39, 141-146.	1.1	37
46	Validity of semi-quantitative scale for brain MRI in unilateral cerebral palsy due to periventricular white matter lesions: Relationship with hand sensorimotor function and structural connectivity. NeuroImage: Clinical, 2015, 8, 104-109.	1.4	44
47	The need for improved brain lesion segmentation techniques for children with cerebral palsy: A review. International Journal of Developmental Neuroscience, 2015, 47, 229-246.	0.7	19
48	Mitiiâ„¢ ABI: study protocol of a randomised controlled trial of a web-based multi-modal training program for children and adolescents with an Acquired Brain Injury (ABI). BMC Neurology, 2015, 15, 140.	0.8	25
49	Cognitive strategies for locomotor navigation in normal development and cerebral palsy. Developmental Medicine and Child Neurology, 2015, 57, 31-36.	1.1	20
50	Corticopontocerebellar Connectivity Disruption in Congenital Hemiplegia. Neurorehabilitation and Neural Repair, 2015, 29, 858-866.	1.4	13
51	Behavioral and neurobiological correlates of childhood apraxia of speech in Italian children. Brain and Language, 2015, 150, 177-185.	0.8	17
52	High angular resolution diffusion imaging in a child with autism spectrum disorder and comparison with his unaffected identical twin. Functional Neurology, 2015, 30, 203-8.	1.3	3
53	Congenital mirror movements. Neurology, 2014, 82, 1999-2002.	1.5	52
54	Altered corticomotorâ€cerebellar integrity in young ataxia telangiectasia patients. Movement Disorders, 2014, 29, 1289-1298.	2.2	13

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55	MECP2 duplication phenotype in symptomatic females: report of three further cases. Molecular Cytogenetics, 2014, 7, 10.	0.4	21
56	Reduced integrity of sensorimotor projections traversing the posterior limb of the internal capsule in children with congenital hemiparesis. Research in Developmental Disabilities, 2014, 35, 250-260.	1.2	31
57	Quantitative comparison of cortical and deep grey matter in pathological subtypes of unilateral cerebral palsy. Developmental Medicine and Child Neurology, 2014, 56, 968-975.	1.1	24
58	Reliability of a novel, semiâ€quantitative scale for classification of structural brain magnetic resonance imaging in children with cerebral palsy. Developmental Medicine and Child Neurology, 2014, 56, 839-845.	1.1	66
59	The expanding clinical and genetic spectrum of ATP1A3-related disorders. Neurology, 2014, 82, 945-955.	1.5	98
60	Assessment of the structural brain network reveals altered connectivity in children with unilateral cerebral palsy due to periventricular white matter lesions. NeuroImage: Clinical, 2014, 5, 84-92.	1.4	65
61	Reorganization of visual fields after periventricular haemorrhagic infarction: potentials and limitations. Developmental Medicine and Child Neurology, 2013, 55, 23-26.	1.1	31
62	Body knowledge in brain-damaged children: A double-dissociation in self and other's body processing. Neuropsychologia, 2012, 50, 181-188.	0.7	20
63	Hand movements at 3â€ƒmonths predict later hemiplegia in term infants with neonatal cerebral infarction. Developmental Medicine and Child Neurology, 2010, 52, 767-772.	1.1	62
64	Surface activation of textile fibers by plasma DBD for dyeing with teak leaf. IOP Conference Series: Materials Science and Engineering, 0, 460, 012030.	0.3	3