Giovanni Cioni

List of Publications by Year
in descending order

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Version: 2024-02-01

322 papers	13,222 citations	25034 57 h-index	34986 98 g-index
330 all docs	330 docs citations	330 times ranked	9814 citing authors

#	Article	IF	Citations
1	Early, Accurate Diagnosis and Early Intervention in Cerebral Palsy. JAMA Pediatrics, 2017, 171, 897.	6.2	898
2	An early marker for neurological deficits after perinatal brain lesions. Lancet, The, 1997, 349, 1361-1363.	13.7	552
3	Preterm and early postterm motor behaviour in low-risk premature infants. Early Human Development, 1990, 23, 159-191.	1.8	390
4	A cortical area that responds specifically to optic flow, revealed by fMRI. Nature Neuroscience, 2000, 3, 1322-1328.	14.8	358
5	The qualitative assessment of general movements in preterm, term and young infants â€" review of the methodology. Early Human Development, 1997, 50, 47-60.	1.8	271
6	Qualitative changes of general movements in preterm infants with brain lesions. Early Human Development, 1990, 23, 193-231.	1.8	255
7	Is hemiplegic cerebral palsy equivalent to amblyopia of the corticospinal system?. Annals of Neurology, 2007, 62, 493-503.	5.3	235
8	Arginine:Glycine Amidinotransferase Deficiency: The Third Inborn Error of Creatine Metabolism in Humans. American Journal of Human Genetics, 2001, 69, 1127-1133.	6.2	233
9	Cramped Synchronized General Movements in Preterm Infants as an Early Marker for Cerebral Palsy. JAMA Pediatrics, 2002, 156, 460.	3.0	205
10	Massage Accelerates Brain Development and the Maturation of Visual Function. Journal of Neuroscience, 2009, 29, 6042-6051.	3.6	198
11	Neonatal Cerebral Infarction and Neuromotor Outcome at School Age. Pediatrics, 2004, 113, 95-100.	2.1	172
12	Dorsal and ventral stream sensitivity in normal development and hemiplegia. NeuroReport, 2002, 13, 843-847.	1.2	169
13	Comparison between observation of spontaneous movements and neurologic examination in preterm infants. Journal of Pediatrics, 1997, 130, 704-711.	1.8	165
14	Early Intervention for Children Aged 0 to 2 Years With or at High Risk of Cerebral Palsy. JAMA Pediatrics, 2021, 175, 846.	6.2	147
15	Cerebral visual impairment in preterm infants with periventricular leukomalacia. Pediatric Neurology, 1997, 17, 331-338.	2.1	140
16	Plasticity and Reorganization During Language Development in Children with Early Brain Injury. Cortex, 2000, 36, 31-46.	2.4	134
17	General Movements Detect Early Signs of Hemiplegia in Term Infants with Neonatal Cerebral Infarction. Neuropediatrics, 2003, 34, 61-66.	0.6	126
18	Educational Robotics intervention on Executive Functions in preschool children: A pilot study. Computers in Human Behavior, 2017, 71, 16-23.	8.5	122

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19	MRI and Clinical Characteristics of Children with Hemiplegic Cerebral Palsy. Neuropediatrics, 1999, 30, 249-255.	0.6	121
20	Cerebral Palsy: Early Markers of Clinical Phenotype and Functional Outcome. Journal of Clinical Medicine, 2019, 8, 1616.	2.4	116
21	Combined Use of Electroencephalogram and Magnetic Resonance Imaging in Full-Term Neonates With Acute Encephalopathy. Pediatrics, 2001, 107, 461-468.	2.1	115
22	Early intervention in neurodevelopmental disorders: underlying neural mechanisms. Developmental Medicine and Child Neurology, 2016, 58, 61-66.	2.1	112
23	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. Scientific Reports, 2017, 7, 39471.	3.3	108
24	Which better predicts later outcome in fullterm infants: quality of general movements or neurological examination?. Early Human Development, 1997, 50, 71-85.	1.8	107
25	Kinematic characterization of functional reach to grasp in normal and in motor disabled children. Gait and Posture, 2007, 25, 493-501.	1.4	105
26	Predictive value of general movements in asphyxiated fullterm infants. Early Human Development, 1993, 35, 91-120.	1.8	104
27	Reorganisation of the somatosensory system after early brain damage. Clinical Neurophysiology, 2007, 118, 1110-1121.	1.5	104
28	The effects of preterm infant massage on brain electrical activity. Developmental Medicine and Child Neurology, 2011, 53, 46-51.	2.1	96
29	Creatine depletion in a new case with AGAT deficiency: clinical and genetic study in a large pedigree. Molecular Genetics and Metabolism, 2002, 77, 326-331.	1.1	95
30	Neurologic examination in infants with hypoxic-ischemic encephalopathy at age 9 to 14 months: Use of optimality scores and correlation with magnetic resonance imaging findings. Journal of Pediatrics, 2001, 138, 332-337.	1.8	94
31	Globus pallidus alterations and brain atrophy in liver cirrhosis patients with encephalopathy: An MR imaging study. Magnetic Resonance Imaging, 1991, 9, 295-302.	1.8	91
32	Early Neurological Signs in Preterm Infants with Unilateral Intraparenchymal Echodensity. Neuropediatrics, 2000, 31, 240-251.	0.6	88
33	Randomized Trial of Observation and Execution of Upper Extremity Actions Versus Action Alone in Children With Unilateral Cerebral Palsy. Neurorehabilitation and Neural Repair, 2013, 27, 808-815.	2.9	88
34	Neonatal Neurological Examination in Infants with Hypoxic Ischaemic Encephalopathy: Correlation with MRI Findings. Neuropediatrics, 1999, 30, 83-89.	0.6	86
35	Visual function in term infants with hypoxic-ischaemic insults: correlation with neurodevelopment at 2Âyears of age. Archives of Disease in Childhood: Fetal and Neonatal Edition, 1999, 80, F99-F104.	2.8	85
36	Role of vision on early motor development: lessons from the blind. Developmental Medicine and Child Neurology, 2001, 43, 198-201.	2.1	85

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37	Immunohistochemical study of muscle biopsy in children with cerebral palsy. Brain and Development, 2002, 24, 63-66.	1.1	85
38	Arginine:glycine amidinotransferase (AGAT) deficiency in a newborn: Early treatment can prevent phenotypic expression of the disease. Journal of Pediatrics, 2006, 148, 828-830.	1.8	85
39	CORRECTION BETWEEN CEREBRAL VISUAL IMPAIRMENT AND MAGNETIC RESONANCE IMAGING IN CHILDREN WITH NEONATAL ENCEPHALOPATHY. Developmental Medicine and Child Neurology, 1996, 38, 120-132.	2.1	82
40	Background EEG activity in preterm infants: correlation of outcome with selected maturational features. Electroencephalography and Clinical Neurophysiology, 1994, 91, 154-162.	0.3	81
41	Plasticity of the visual system after early brain damage. Developmental Medicine and Child Neurology, 2010, 52, 891-900.	2.1	77
42	Environmental enrichment decreases GABAergic inhibition and improves cognitive abilities, synaptic plasticity, and visual functions in a mouse model of Down syndrome. Frontiers in Cellular Neuroscience, 2011, 5, 29.	3.7	76
43	The Broad Autism (Endo)Phenotype: Neurostructural and Neurofunctional Correlates in Parents of Individuals with Autism Spectrum Disorders. Frontiers in Neuroscience, 2016, 10, 346.	2.8	74
44	Perinatal brain damage in children. Progress in Brain Research, 2011, 189, 139-154.	1.4	72
45	Proton MR spectroscopy of mitochondrial diseases: analysis of brain metabolic abnormalities and their possible diagnostic relevance. American Journal of Neuroradiology, 2003, 24, 1958-66.	2.4	72
46	Visual disorders in children with brain lesions:. European Journal of Paediatric Neurology, 2001, 5, 115-119.	1.6	70
47	The Early Markers for Later Dyskinetic Cerebral Palsy are Different from Those for Spastic Cerebral Palsy. Neuropediatrics, 2002, 33, 73-78.	0.6	70
48	Brain Representation of Active and Passive Hand Movements in Children. Pediatric Research, 2007, 61, 485-490.	2.3	68
49	Timing and type of congenital brain lesion determine different patterns of language lateralization in hemiplegic children. Neuropsychologia, 2002, 40, 620-632.	1.6	67
50	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.	2.1	66
51	Neuroimaging and functional outcome of neonatal leukomalacia. Behavioural Brain Research, 1992, 49, 7-19.	2.2	65
52	Brain Magnetic Resonance in the Diagnostic Evaluation of Mitochondrial Encephalopathies. Bioscience Reports, 2007, 27, 69-85.	2.4	64
53	Neurodevelopmental disorders in children with severe to profound sensorineural hearing loss: a clinical study. Developmental Medicine and Child Neurology, 2010, 52, 856-862.	2.1	63
54	Hand movements at 3â€ƒmonths predict later hemiplegia in term infants with neonatal cerebral infarction. Developmental Medicine and Child Neurology, 2010, 52, 767-772.	2.1	62

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55	Role of vision on early motor development: lessons from the blind. Developmental Medicine and Child Neurology, 2001, 43, 198.	2.1	61
56	Posture and spontaneous motility in fullterm infants. Early Human Development, 1989, 18, 247-262.	1.8	59
57	Electroencephalographic Dysmaturity in Preterm Infants: A Prognostic Tool in the Early Postnatal Period. Neuropediatrics, 1996, 27, 311-316.	0.6	59
58	Language Organisation in Left Perinatal Stroke. Neuropediatrics, 2008, 39, 157-163.	0.6	58
59	Early motor repertoire is related to level of selfâ€mobility in children with cerebral palsy at school age. Developmental Medicine and Child Neurology, 2009, 51, 878-885.	2.1	58
60	A randomized clinical trial in preterm infants on the effects of a home-based early intervention with the 'CareToy System'. PLoS ONE, 2017, 12, e0173521.	2.5	58
61	Guanidinoacetate and Creatine plus Creatinine Assessment in Physiologic Fluids: An Effective Diagnostic Tool for the Biochemical Diagnosis of Arginine:Glycine Amidinotransferase and Guanidinoacetate Methyltransferase Deficiencies. Clinical Chemistry, 2002, 48, 1772-1778.	3.2	57
62	Behavioural and Emotional Changes during COVID-19 Lockdown in an Italian Paediatric Population with Neurologic and Psychiatric Disorders. Brain Sciences, 2020, 10, 918.	2.3	57
63	Early Cognitive and Communication Development in Children With Focal Brain Lesions. Journal of Child Neurology, 2001, 16, 309-316.	1.4	56
64	Fluoxetine in adulthood normalizes GABA release and rescues hippocampal synaptic plasticity and spatial memory in a mouse model of Down Syndrome. Neurobiology of Disease, 2014, 63, 12-19.	4.4	56
65	Fetal intracranial hemorrhage: is minor maternal trauma a possible pathogenetic factor?. Ultrasound in Obstetrics and Gynecology, 2001, 18, 335-342.	1.7	55
66	Maturation of cerebral electrical activity and development of cortical folding in young very preterm infants. Clinical Neurophysiology, 2007, 118, 53-59.	1.5	55
67	Are sporadic fidgety movements as clinically relevant as is their absence?. Early Human Development, 2015, 91, 247-252.	1.8	55
68	Inborn errors of creatine metabolism and epilepsy. Epilepsia, 2013, 54, 217-227.	5.1	54
69	Search superiority in autism within, but not outside the crowding regime. Vision Research, 2009, 49, 2151-2156.	1.4	53
70	Screening of ARHSP-TCC patients expands the spectrum ofSPG11mutations and includes a large scale gene deletion. Human Mutation, 2009, 30, E500-E519.	2.5	53
71	Early markers for cerebral palsy: insights from the assessment of general movements. Future Neurology, 2012, 7, 709-717.	0.5	53
72	Development of the Hand Assessment for Infants: evidence of internal scale validity. Developmental Medicine and Child Neurology, 2017, 59, 1276-1283.	2.1	53

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73	Study protocol: safety and efficacy of propranolol in newborns with Retinopathy of Prematurity (PROP-ROP): ISRCTN18523491. BMC Pediatrics, 2010, 10, 83.	1.7	50
74	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.	1.5	50
75	Upper limb children action-observation training (UP-CAT): a randomised controlled trial in Hemiplegic Cerebral Palsy. BMC Neurology, 2011, 11, 80.	1.8	49
76	Brain Reorganization following Intervention in Children with Congenital Hemiplegia: A Systematic Review. Neural Plasticity, 2013, 2013, 1-8.	2.2	49
77	Network overâ€connectivity differentiates autism spectrum disorder from other developmental disorders in toddlers: A diffusion MRI study. Human Brain Mapping, 2017, 38, 2333-2344.	3.6	48
78	Atypical language lateralization and early linguistic development in children with focal brain lesions. Developmental Medicine and Child Neurology, 2005, 47, 725.	2.1	47
79	The first 1000 days of the autistic brain: a systematic review of diffusion imaging studies. Frontiers in Human Neuroscience, 2015, 9, 159.	2.0	46
80	Visual Function Classification System for children with cerebral palsy: development and validation. Developmental Medicine and Child Neurology, 2020, 62, 104-110.	2.1	46
81	Visual function in children with hemiplegia in the first years of life. Developmental Medicine and Child Neurology, 2001, 43, 321.	2.1	46
82	Motion perception in preterm children: role of prematurity and brain damage. NeuroReport, 2009, 20, 1339-1343.	1.2	45
83	Acuity card testing in children with cerebral palsy related to magnetic resonance images, mental levels and motor abilities. Brain and Development, 1994, 16, 195-203.	1.1	44
84	Constantly discontinuous EEG patterns in full-term neonates with hypoxic-ischaemic encephalopathy. Clinical Neurophysiology, 1999, 110, 1510-1515.	1.5	44
85	Treatment with<scp>l</scp>-Arginine improves neuropsychological disorders in a child with Creatine transporter defect. Neurocase, 2008, 14, 151-161.	0.6	44
86	Anterior intraparietal cortex codes complexity of observed hand movements. Brain Research Bulletin, 2010, 81, 434-440.	3.0	44
87	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.	2.7	44
88	Visual outcome at 5 years of newborn infants at risk of cerebral visual impairment. Developmental Medicine and Child Neurology, 1998, 40, 302-309.	2.1	43
89	MRI of Small Hepatocellular Carcinoma. Journal of Computer Assisted Tomography, 1992, 16, 189-197.	0.9	42
90	Differences and variations in the patterns of early independent walking. Early Human Development, 1993, 35, 193-205.	1.8	42

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91	Visual disorders in children with brain lesions:. European Journal of Paediatric Neurology, 2001, 5, 107-114.	1.6	42
92	Acquired focal brain lesions in childhood: Effects on development and reorganization of language. Brain and Language, 2008, 106, 211-225.	1.6	42
93	A novel mouse model of creatine transporter deficiency. F1000Research, 2014, 3, 228.	1.6	42
94	Long-term reading and spelling outcome in Italian adolescents with a history of specific language impairment. Cortex, 2011, 47, 955-973.	2.4	41
95	Posture, spontaneous movements, and behavioural state organisation in infants affected by brain malformations. Early Human Development, 1997, 50, 87-113.	1.8	40
96	Electroclinical correlation in neonatal seizures. European Journal of Paediatric Neurology, 1998, 2, 117-125.	1.6	40
97	Early visual assessment in preterm infants with and without brain lesions: Correlation with visual and neurodevelopmental outcome at 12months. Early Human Development, 2011, 87, 177-182.	1.8	40
98	Motor coordination in children with congenital strabismus: Effects of late surgery. European Journal of Paediatric Neurology, 2007, 11, 285-291.	1.6	39
99	A mouse model for creatine transporter deficiency reveals early onset cognitive impairment and neuropathology associated with brain aging. Human Molecular Genetics, 2016, 25, 4186-4200.	2.9	39
100	Congenital form of spinal muscular atrophy predominantly affecting the lower limbs: a clinical and muscle MRI study. Neuromuscular Disorders, 2004, 14, 125-129.	0.6	38
101	Movement Disorder-Childhood Rating Scale: Reliability and Validity. Pediatric Neurology, 2008, 39, 259-265.	2.1	38
102	Normal psychomotor development. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 111, 3-15.	1.8	38
103	Prognostic value of abnormal EEG transients in preterm and full-term neonates. Electroencephalography and Clinical Neurophysiology, 1996, 99, 1-9.	0.3	37
104	Impaired visual size-discrimination in children with movement disorders. Neuropsychologia, 2012, 50, 1838-1843.	1.6	37
105	Early environmental therapy rescues brain development in a mouse model of Down syndrome. Neurobiology of Disease, 2015, 82, 409-419.	4.4	37
106	Cognitive profile in Duchenne muscular dystrophy boys without intellectual disability: The role of executive functions. Neuromuscular Disorders, 2018, 28, 122-128.	0.6	37
107	Visual performance and brain structures in the developing brain of pre-term infants. Early Human Development, 2010, 86, 73-75.	1.8	36
108	Blindsight in children with congenital and acquired cerebral lesions. Cortex, 2013, 49, 1636-1647.	2.4	36

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109	Brain plasticity and early development: Implications for early intervention in neurodevelopmental disorders. Neuropsychiatrie De L'Enfance Et De L'Adolescence, 2017, 65, 299-306.	0.2	36
110	ATP1A2- and ATP1A3-associated early profound epileptic encephalopathy and polymicrogyria. Brain, 2021, 144, 1435-1450.	7.6	35
111	Effect of early multisensory massage intervention on visual functions in infants with Down syndrome. Early Human Development, 2014, 90, 809-813.	1.8	34
112	Transcranial magnetic stimulation mapping: A model based on spline interpolation. Brain Research Bulletin, 2008, 77, 143-148.	3.0	33
113	Lateralization of Brain Networks and Clinical Severity in Toddlers with Autism Spectrum Disorder: A HARDI Diffusion MRI Study. Autism Research, 2016, 9, 382-392.	3.8	33
114	Multisensory-Based Rehabilitation Approach: Translational Insights from Animal Models to Early Intervention. Frontiers in Neuroscience, 2017, 11, 430.	2.8	33
115	Electroencephalography in Infants With Periventricular Leukomalacia: Prognostic Features at Preterm and Term Age. Journal of Child Neurology, 2000, 15, 1-6.	1.4	32
116	Action observation network in childhood: a comparative <scp>fMRI</scp> study with adults. Developmental Science, 2016, 19, 1075-1086.	2.4	32
117	A pilot study on early home-based intervention through an intelligent baby gym (CareToy) in preterm infants. Research in Developmental Disabilities, 2016, 53-54, 32-42.	2.2	32
118	Rhythmical leg movements in low-risk and brain-damaged preterm infants. Early Human Development, 1996, 44, 201-213.	1.8	31
119	Kinematic and Qualitative Analysis of Lower-Extremity Movements in Preterm Infants With Brain Lesions. Physical Therapy, 1999, 79, 546-557.	2.4	31
120	Developmental changes in optokinetic mechanisms in the absence of unilateral cortical control. NeuroReport, 1999, 10, 2723-2729.	1.2	31
121	MRI findings and sensorimotor development in infants with bilateral spastic cerebral palsy. Brain and Development, 1997, 19, 245-253.	1.1	30
122	Visual Function in Infants with West Syndrome: Correlation with EEG Patterns. Epilepsia, 2004, 45, 781-786.	5.1	30
123	Educational Robotics in Down Syndrome: A Feasibility Study. Technology, Knowledge and Learning, 2019, 24, 315-323.	4.9	30
124	Spastic diplegia in preterm-born children: Executive function impairment and neuroanatomical correlates. Research in Developmental Disabilities, 2017, 61, 116-126.	2.2	29
125	Clinical and genetic findings in a series of Italian children with pure hereditary spastic paraplegia. European Journal of Neurology, 2011, 18, 150-157.	3.3	28
126	Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI). BMC Pediatrics, 2012, 12, 144.	1.7	28

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127	Development of anticipatory orienting strategies and trajectory formation in goal-oriented locomotion. Experimental Brain Research, 2013, 227, 131-147.	1.5	28
128	Action observation training for rehabilitation in brain injuries: a systematic review and meta-analysis. BMC Neurology, 2019, 19, 344.	1.8	28
129	Mental retardation and verbal dyspraxia in a new patient with de novo creatine transporter (SLC6A8) mutation. American Journal of Medical Genetics, Part A, 2007, 143A, 1771-1774.	1.2	27
130	Cortical Visual Function in Preterm Infants in the First Year. Journal of Pediatrics, 2010, 156, 550-555.	1.8	27
131	Variant of Rett Syndrome and CDKL5 Gene: Clinical and Autonomic Description of 10 Cases. Neuropediatrics, 2012, 43, 037-043.	0.6	27
132	A Proposed Multidisciplinary Approach for Identifying Feeding Abnormalities in Children With Cerebral Palsy. Journal of Child Neurology, 2012, 27, 708-712.	1.4	27
133	Lateralization of Sensory and Motor Functions in Human Neonates. Perceptual and Motor Skills, 1982, 54, 1151-1158.	1.3	26
134	Prenatal diagnosis of periventricular hemorrhage by fetal brain magnetic resonance imaging. Child's Nervous System, 1998, 14, 689-692.	1.1	26
135	Proton Magnetic Resonance Spectroscopy (1H-MRS) of the Cerebrum in Two Young Infants with Zellweger Syndrome. Neuropediatrics, 2001, 32, 23-27.	0.6	26
136	Yawning frequency and distribution in preterm and near term infants assessed throughout 24-h recordings. , 2007, 30, 641-647.		26
137	A randomized trial of upper limb botulimun toxin versus placebo injection, combined with physiotherapy, in children with hemiplegia. Research in Developmental Disabilities, 2014, 35, 2505-2513.	2.2	26
138	Feasibility of a Home-Based Action Observation Training for Children With Unilateral Cerebral Palsy: An Explorative Study. Frontiers in Neurology, 2020, 11, 16.	2.4	26
139	Reorganisation of the sensorimotor cortex after early focal brain lesion: a functional MRI study in monozygotic twins. NeuroReport, 2001, 12, 1335-1340.	1.2	25
140	Prenatal ultrasound and magnetic resonance imaging features in a fetus with Walkerâ€“Warburg syndrome. Ultrasound in Obstetrics and Gynecology, 2009, 33, 363-365.	1.7	25
141	Longitudinal study of unimanual actions and grasping forces during infancy. , 2012, 35, 205-214.		25
142	Home-based, early intervention with mechatronic toys for preterm infants at risk of neurodevelopmental disorders (CARETOY): a RCT protocol. BMC Pediatrics, 2014, 14, 268.	1.7	25
143	Switching from reaching to navigation: differential cognitive strategies for spatial memory in children and adults. Developmental Science, 2015, 18, 569-586.	2.4	25
144	Actigraph assessment for measuring upper limb activity in unilateral cerebral palsy. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 30.	4.6	25

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145	Developmental plasticity connects visual cortex to motoneurons after stroke. Annals of Neurology, 2010, 67, 132-136.	5.3	24
146	Assessment of upper limb use in children with typical development and neurodevelopmental disorders by inertial sensors: a systematic review. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 94.	4.6	24
147	Training RAN or reading? A telerehabilitation study on developmental dyslexia. Dyslexia, 2019, 25, 318-331.	1.5	24
148	Anti-brain but not celiac disease antibodies in Landau-Kleffner Syndrome and related epilepsies. Journal of Neuroimmunology, 2005, 160, 228-232.	2.3	23
149	Neural correlates of texture and contour integration in children with autism spectrum disorders. Vision Research, 2009, 49, 2140-2150.	1.4	23
150	Language disorder with mild intellectual disability in a child affected by a novel mutation of SLC6A8 gene. Molecular Genetics and Metabolism, 2011, 102, 153-156.	1.1	23
151	Combining constraint-induced movement therapy and action-observation training in children with unilateral cerebral palsy: a randomized controlled trial. BMC Pediatrics, 2018, 18, 250.	1.7	22
152	Autism Spectrum Disorder and Childhood Apraxia of Speech: Early Language-Related Hallmarks across Structural MRI Study. Journal of Personalized Medicine, 2020, 10, 275.	2.5	22
153	Randomized controlled trial combining constraint-induced movement therapy and action-observation training in unilateral cerebral palsy: clinical effects and influencing factors of treatment response. Therapeutic Advances in Neurological Disorders, 2020, 13, 175628641989806.	3.5	22
154	Clinical tools used in young infants born very preterm to predict motor and cognitive delay (not) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.1	22
155	MRI of Hepatocellular Carcinoma before and after Transcatheter Chemoembolization. Journal of Computer Assisted Tomography, 1993, 17, 901-908.	0.9	21
156	Occipital sawtooth: a physiological EEG pattern in very premature infants. Clinical Neurophysiology, 2000, 111, 2145-2149.	1.5	21
157	Distribution of sleep and wakefulness EEG patterns in 24-h recordings of preterm and full-term newborns. Early Human Development, 2005, 81, 333-339.	1.8	21
158	Guanidinoacetate and creatine plus creatinine assessment in physiologic fluids: an effective diagnostic tool for the biochemical diagnosis of arginine:glycine amidinotransferase and guanidinoacetate methyltransferase deficiencies. Clinical Chemistry, 2002, 48, 1772-8.	3.2	21
159	Body knowledge in brain-damaged children: A double-dissociation in self and other's body processing. Neuropsychologia, 2012, 50, 181-188.	1.6	20
160	Time, number and attention in very low birth weight children. Neuropsychologia, 2015, 73, 60-69.	1.6	20
161	Cognitive strategies for locomotor navigation in normal development and cerebral palsy. Developmental Medicine and Child Neurology, 2015, 57, 31-36.	2.1	20
162	Early intervention at home in infants with congenital brain lesion with CareToy revised: a RCT protocol. BMC Pediatrics, 2018, 18, 295.	1.7	20

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163	Implicit learning deficit in children with Duchenne muscular dystrophy: Evidence for a cerebellar cognitive impairment?. PLoS ONE, 2018, 13, e0191164.	2.5	20
164	Cognitive competence at the onset of West syndrome: correlation with EEG patterns and visual function. Developmental Medicine and Child Neurology, 2005, 47, 760.	2.1	20
165	Activity patterns assessed throughout 24-hour recordings in preterm and near term infants. Developmental Psychobiology, 2001, 38, 133-142.	1.6	19
166	Arginine and glycine stimulate creatine synthesis in creatine transporter 1-deficient lymphoblasts. Analytical Biochemistry, 2008, 375, 153-155.	2.4	19
167	SENSORIMOTOR DEVELOPMENT IN CEREBRAL-PALSIED INFANTS ASSESSED WITH THE UZGIRIS-HUNT SCALES. Developmental Medicine and Child Neurology, 2008, 35, 1055-1066.	2.1	19
168	Muscle MRI in FHL1-linked reducing body myopathy. Neuromuscular Disorders, 2009, 19, 689-691.	0.6	19
169	Greater Sparing of Visual Search Abilities in Children After Congenital Rather Than Acquired Focal Brain Damage. Neurorehabilitation and Neural Repair, 2011, 25, 721-728.	2.9	19
170	Navigation strategies as revealed by error patterns on the Magic Carpet test in children with cerebral palsy. Frontiers in Psychology, 2015, 6, 880.	2.1	19
171	Hand Assessment for Infants: normative reference values. Developmental Medicine and Child Neurology, 2019, 61, 1087-1092.	2.1	19
172	Empowering Executive Functions in 5- and 6-Year-Old Typically Developing Children Through Educational Robotics: An RCT Study. Frontiers in Psychology, 2019, 10, 3084.	2.1	19
173	Gas chromatography/mass spectrometry assay for arginine: Glycineâ€“amidinotransferase deficiency. Analytical Biochemistry, 2005, 343, 356-358.	2.4	18
174	Scale for Evaluation of Movement Disorders in the First Three Years of Life. Pediatric Neurology, 2009, 40, 258-264.	2.1	18
175	Perceptual-motor abilities in pre-school preterm children. Early Human Development, 2013, 89, 809-814.	1.8	18
176	Neuroanatomical correlates of childhood apraxia of speech: A connectomic approach. NeuroImage: Clinical, 2016, 12, 894-901.	2.7	18
177	Vascular Function Is Improved After an Environmental Enrichment Program. Hypertension, 2018, 71, 1218-1225.	2.7	18
178	Hyperekplexia and stiff-baby syndrome: An identical neurological disorder?. Italian Journal of Neurological Sciences, 1993, 14, 145-152.	0.1	17
179	Neurodevelopmental evolution of West syndrome: A 2-year prospective study. European Journal of Paediatric Neurology, 2008, 12, 387-397.	1.6	17
180	Behavioral and neurobiological correlates of childhood apraxia of speech in Italian children. Brain and Language, 2015, 150, 177-185.	1.6	17

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