

Chao-Ching Huang

List of Publications by Year in descending order

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147
papers

4,906
citations

87888

38
h-index

123424

61
g-index

150
all docs

150
docs citations

150
times ranked

5873
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurologic Complications in Children with Enterovirus 71 Infection. <i>New England Journal of Medicine</i> , 1999, 341, 936-942.	27.0	680
2	Machine Learning-Based Radiomics for Molecular Subtyping of Gliomas. <i>Clinical Cancer Research</i> , 2018, 24, 4429-4436.	7.0	222
3	Novel Mechanism for Plasma Glucose-Lowering Action of Metformin in Streptozotocin-Induced Diabetic Rats. <i>Diabetes</i> , 2006, 55, 819-825.	0.6	135
4	Prenatal Multicystic Encephalopathy in Isolated Sulfite Oxidase Deficiency With a Novel Mutation. <i>Pediatric Neurology</i> , 2014, 51, 181-182.	2.1	134
5	Febrile seizures impair memory and cAMP response element binding protein activation. <i>Annals of Neurology</i> , 2003, 54, 706-718.	5.3	130
6	Measurement of the Urinary Lactate:Creatinine Ratio for the Early Identification of Newborn Infants at Risk for Hypoxic-Ischemic Encephalopathy. <i>New England Journal of Medicine</i> , 1999, 341, 328-335.	27.0	119
7	JNK signaling is the shared pathway linking neuroinflammation, blood-brain barrier disruption, and oligodendroglial apoptosis in the white matter injury of the immature brain. <i>Journal of Neuroinflammation</i> , 2012, 9, 175.	7.2	99
8	cAMP response element-binding protein activation in ligation preconditioning in neonatal brain. <i>Annals of Neurology</i> , 2004, 56, 611-623.	5.3	90
9	Altered inflammatory responses in preterm children with cerebral palsy. <i>Annals of Neurology</i> , 2010, 68, 204-212.	5.3	90
10	Neurocognitive Attention and Behavior Outcome of School-Age Children with a History of Febrile Convulsions: A Population Study. <i>Epilepsia</i> , 2000, 41, 412-420.	5.1	80
11	Major brain lesions detected on sonographic screening of apparently normal term neonates. <i>Neuroradiology</i> , 2004, 46, 368-373.	2.2	72
12	Lipopolysaccharide Preconditioning Reduces Neuroinflammation Against Hypoxic Ischemia and Provides Long-Term Outcome of Neuroprotection in Neonatal Rat. <i>Pediatric Research</i> , 2009, 66, 254-259.	2.3	71
13	Cardiopulmonary Manifestations of Fulminant Enterovirus 71 Infection. <i>Pediatrics</i> , 2002, 109, e26-e26.	2.1	69
14	VEGF-A/VEGFR-2 Signaling Leading to cAMP Response Element-Binding Protein Phosphorylation Is a Shared Pathway Underlying the Protective Effect of Preconditioning on Neurons and Endothelial Cells. <i>Journal of Neuroscience</i> , 2009, 29, 4356-4368.	3.6	67
15	Overweight worsens apoptosis, neuroinflammation and blood-brain barrier damage after hypoxic ischemia in neonatal brain through JNK hyperactivation. <i>Journal of Neuroinflammation</i> , 2011, 8, 40.	7.2	62
16	Glucose and hippocampal neuronal excitability: Role of ATP-sensitive potassium channels. <i>Journal of Neuroscience Research</i> , 2007, 85, 1468-1477.	2.9	61
17	CXCL5 signaling is a shared pathway of neuroinflammation and blood-brain barrier injury contributing to white matter injury in the immature brain. <i>Journal of Neuroinflammation</i> , 2016, 13, 6.	7.2	60
18	Microglia retard dengue virus-induced acute viral encephalitis. <i>Scientific Reports</i> , 2016, 6, 27670.	3.3	59

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19	Risk Factors for a First Febrile Convulsion in Children: A Population Study in Southern Taiwan. <i>Epilepsia</i> , 1999, 40, 719-725.	5.1	58
20	Low-Dose Lipopolysaccharide Selectively Sensitizes Hypoxic Ischemia-Induced White Matter Injury in the Immature Brain. <i>Pediatric Research</i> , 2010, 68, 41-47.	2.3	53
21	Tentorial subdural hemorrhage in term newborns: Ultrasonographic diagnosis and clinical correlates. <i>Pediatric Neurology</i> , 1991, 7, 171-177.	2.1	52
22	Perinatal brain injury and regulation of transcription. <i>Current Opinion in Neurology</i> , 2006, 19, 141-147.	3.6	51
23	Diabetic hyperglycemia is associated with the severity of epileptic seizures in adults. <i>Epilepsy Research</i> , 2008, 79, 71-77.	1.6	51
24	Early-life fluoxetine exposure reduced functional deficits after hypoxic-ischemia brain injury in rat pups. <i>Neurobiology of Disease</i> , 2006, 24, 101-113.	4.4	50
25	Association Analysis of $\beta 2$ Subunit of $\beta 3$ -Aminobutyric Acid Type A Receptor Polymorphisms with Febrile Seizures. <i>Pediatric Research</i> , 2003, 54, 26-29.	2.3	49
26	Relationship of extracellular dopamine in striatum of newborn piglets to cortical oxygen pressure. <i>Neurochemical Research</i> , 1994, 19, 649-655.	3.3	48
27	Comparison of Postasphyxial Resuscitation with 100% and 21% Oxygen on Cortical Oxygen Pressure and Striatal Dopamine Metabolism in Newborn Piglets. <i>Journal of Neurochemistry</i> , 1995, 64, 292-298.	3.9	48
28	Preterm infants of educated mothers have better outcome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 568-573.	1.5	46
29	Moderate Dietary Restriction Reduces p53-Mediated Neurovascular Damage and Microglia Activation After Hypoxic Ischemia in Neonatal Brain. <i>Stroke</i> , 2012, 43, 491-498.	2.0	46
30	Risk factor of complications requiring neurosurgical intervention in infants with bacterial meningitis. <i>Pediatric Neurology</i> , 1997, 17, 144-149.	2.1	45
31	Executive function deficit in preschool children born very low birth weight with normal early development. <i>Early Human Development</i> , 2011, 87, 137-141.	1.8	45
32	TNFR1-JNK signaling is the shared pathway of neuroinflammation and neurovascular damage after LPS-sensitized hypoxic-ischemic injury in the immature brain. <i>Journal of Neuroinflammation</i> , 2014, 11, 215.	7.2	45
33	Cerebral Microvascular Damage Occurs Early after Hypoxia-Ischemia via nNOS Activation in the Neonatal Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 668-676.	4.3	45
34	Thyroxin Treatment Protects Against White Matter Injury in The Immature Brain via Brain-Derived Neurotrophic Factor. <i>Stroke</i> , 2013, 44, 2275-2283.	2.0	44
35	Inhibition of Peripheral TNF- α and Downregulation of Microglial Activation by Alpha-Lipoic Acid and Etanercept Protect Rat Brain Against Ischemic Stroke. <i>Molecular Neurobiology</i> , 2016, 53, 4961-4971.	4.0	44
36	Effects of an educational program on parents with febrile convulsive children. <i>Pediatric Neurology</i> , 1998, 18, 150-155.	2.1	42

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37	Infantile facioscapulohumeral muscular dystrophy revisited: Expansion of clinical phenotypes in patients with a very short EcoRI fragment. <i>Neuromuscular Disorders</i> , 2013, 23, 298-305.	0.6	42
38	Acute Symptomatic Seizure Disorders in Young Children-A Population Study in Southern Taiwan. <i>Epilepsia</i> , 1998, 39, 960-964.	5.1	40
39	The Akt-Endothelial Nitric Oxide Synthase Pathway in Lipopolysaccharide Preconditioning-Induced Hypoxic-Ischemic Tolerance in the Neonatal Rat Brain. <i>Stroke</i> , 2010, 41, 1543-1551.	2.0	39
40	Sonographic cerebral sulcal development in premature newborns. <i>Brain and Development</i> , 1991, 13, 27-31.	1.1	37
41	Association of the Neuronal Nicotinic Acetylcholine Receptor Subunit $\beta 4$ Polymorphisms with Febrile Convulsions. <i>Epilepsia</i> , 2003, 44, 1089-1093.	5.1	37
42	The synergistic inhibitory actions of oxcarbazepine on voltage-gated sodium and potassium currents in differentiated NG108-15 neuronal cells and model neurons. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 597-610.	2.1	37
43	CREB activation in the rapid, intermediate, and delayed ischemic preconditioning against hypoxic-ischemia in neonatal rat. <i>Journal of Neurochemistry</i> , 2009, 108, 847-859.	3.9	37
44	Repetitive febrile seizures in rat pups cause long-lasting deficits in synaptic plasticity and NR2A tyrosine phosphorylation. <i>Neurobiology of Disease</i> , 2005, 18, 466-475.	4.4	36
45	Critical management in patients with severe enterovirus 71 infection. <i>Pediatrics International</i> , 2006, 48, 250-256.	0.5	36
46	Morbidity and mortality of very low birth weight infants in Taiwan—Changes in 15 years: A population based study. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 1039-1045.	1.7	34
47	Inhibitory Effect of Lamotrigine on A-type Potassium Current in Hippocampal Neuron-Derived H19-7 Cells. <i>Epilepsia</i> , 2004, 45, 729-736.	5.1	32
48	Ischemic Preconditioning Reduces Neurovascular Damage After Hypoxia-Ischemia Via the Cellular Inhibitor of Apoptosis 1 in Neonatal Brain. <i>Stroke</i> , 2013, 44, 162-169.	2.0	32
49	The Opening Effect of Pregabalin on ATP-Sensitive Potassium Channels in Differentiated Hippocampal Neuron-derived H19-7 Cells. <i>Epilepsia</i> , 2006, 47, 720-726.	5.1	31
50	Activation by Zonisamide, a Newer Antiepileptic Drug, of Large-Conductance Calcium-Activated Potassium Channel in Differentiated Hippocampal Neuron-Derived H19-7 Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 98-106.	2.5	31
51	CREB activation mediates VEGF β 's protection of neurons and cerebral vascular endothelial cells. <i>Journal of Neurochemistry</i> , 2010, 113, 79-91.	3.9	31
52	Inferring Multiple Refugia and Phylogeographical Patterns in <i>Pinus massoniana</i> Based on Nucleotide Sequence Variation and DNA Fingerprinting. <i>PLoS ONE</i> , 2012, 7, e43717.	2.5	30
53	Diabetic Hyperglycemia Aggravates Seizures and Status Epilepticus-induced Hippocampal Damage. <i>Neurotoxicity Research</i> , 2009, 15, 71-81.	2.7	29
54	Human Umbilical Vein Endothelial Cells Protect Against Hypoxic-Ischemic Damage in Neonatal Brain via Stromal Cell-derived Factor 1/C-X-C Chemokine Receptor Type 4. <i>Stroke</i> , 2013, 44, 1402-1409.	2.0	29

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55	Association of traumatic brain injury in childhood and attention-deficit/hyperactivity disorder: a population-based study. <i>Pediatric Research</i> , 2016, 80, 356-362.	2.3	28
56	Behavioral characteristics of autism spectrum disorder in very preterm birth children. <i>Molecular Autism</i> , 2019, 10, 32.	4.9	28
57	Hypoxic/Ischemic and Infectious Events Have Cumulative Effects on the Risk of Cerebral Palsy in Very-Low-Birth-Weight Preterm Infants. <i>Neonatology</i> , 2014, 106, 209-215.	2.0	27
58	Hypoxia-Preconditioned Human Umbilical Vein Endothelial Cells Protect Against Neurovascular Damage After Hypoxic Ischemia in Neonatal Brain. <i>Molecular Neurobiology</i> , 2018, 55, 7743-7757.	4.0	27
59	ALICE IN WONDERLAND SYNDROME CAUSED BY COXSACKIEVIRUS B1. <i>Pediatric Infectious Disease Journal</i> , 1996, 15, 470-471.	2.0	27
60	Nonketotic Hyperglycemia-related Epilepsia Partialis Continua with Ictal Unilateral Parietal Hyperperfusion. <i>Epilepsia</i> , 2005, 46, 1843-1844.	5.1	26
61	Risk Factors Analysis for Early Fatality in Children With Acute Bacterial Meningitis. <i>Pediatric Neurology</i> , 1998, 18, 213-217.	2.1	24
62	Parental responses to first and recurrent febrile convulsions. <i>Acta Neurologica Scandinavica</i> , 2002, 105, 293-299.	2.1	24
63	Percutaneous transhepatic gall bladder drainage: a better initial therapeutic choice for patients with gall bladder perforation in the emergency department. <i>Emergency Medicine Journal</i> , 2007, 24, 836-840.	1.0	24
64	Effect of hemorrhagic hypotension on extracellular level of dopamine, cortical oxygen pressure and blood flow in brain of newborn piglets. <i>Neuroscience Letters</i> , 1994, 180, 247-252.	2.1	22
65	Synergy of endothelial and neural progenitor cells from adipose-derived stem cells to preserve neurovascular structures in rat hypoxic-ischemic brain injury. <i>Scientific Reports</i> , 2015, 5, 14985.	3.3	22
66	Isolated Cystic Periventricular Leukomalacia Differs from Cystic Periventricular Leukomalacia with Intraventricular Hemorrhage in Prevalence, Risk Factors and Outcomes in Preterm Infants. <i>Neonatology</i> , 2017, 111, 86-92.	2.0	22
67	The lack of association between febrile convulsions and polymorphisms in SCN1A. <i>Epilepsy Research</i> , 2003, 54, 53-57.	1.6	21
68	The long-term effects of febrile seizures on the hippocampal neuronal plasticity – Clinical and experimental evidence. <i>Brain and Development</i> , 2009, 31, 383-387.	1.1	21
69	Diatomological investigation in sphenoid sinus fluid and lung tissue from cases of suspected drowning. <i>Forensic Science International</i> , 2014, 244, 111-115.	2.2	21
70	The differences in growth of cerebellar vermis between appropriate-for-gestational-age and small-for-gestational-age newborns. <i>Early Human Development</i> , 1993, 33, 9-19.	1.8	20
71	Hypoxic-ischemic retinal injury in rat pups. <i>Pediatric Research</i> , 2012, 72, 224-231.	2.3	20
72	Bridging the Gap Between the Pros and Cons in Treating Ordinal Scales as Interval Scales from An Analysis Point of View. <i>Nursing Research</i> , 1999, 48, 226-229.	1.7	20

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73	Parental concerns for the child with febrile convulsion: long-term effects of educational interventions. <i>Acta Neurologica Scandinavica</i> , 2001, 103, 288-293.	2.1	19
74	Spontaneous spinal epidural hematoma in a 4-month-old infant. <i>Spinal Cord</i> , 2007, 45, 586-590.	1.9	19
75	Diazoxide Reduces Status Epilepticus Neuron Damage in Diabetes. <i>Neurotoxicity Research</i> , 2010, 17, 305-316.	2.7	19
76	Early Neurodevelopmental Trajectories for Autism Spectrum Disorder in Children Born Very Preterm. <i>Pediatrics</i> , 2020, 146, .	2.1	19
77	Guillain-Barré syndrome in children: a cooperative study in Taiwan. <i>Brain and Development</i> , 1994, 16, 204-208.	1.1	18
78	Hypervolemic hemodilution may protect the rat's striatal neurons from ischemic injury by reducing the extracellular dopamine. <i>Neuroscience Letters</i> , 1994, 171, 5-8.	2.1	18
79	Differences in factors influencing the familial aggregation of febrile convulsion in population and hospital patients. <i>Acta Neurologica Scandinavica</i> , 1996, 94, 314-319.	2.1	17
80	Febrile Convulsions: Development and Validation of a Questionnaire to Measure Parental Knowledge, Attitudes, Concerns and Practices. <i>Journal of the Formosan Medical Association</i> , 2006, 105, 38-48.	1.7	17
81	Review of clinical studies of perampanel in adolescent patients. <i>Brain and Behavior</i> , 2016, 6, e00505.	2.2	17
82	Systemic 7,8-Dihydroxyflavone Treatment Protects Immature Retinas Against Hypoxic-Ischemic Injury via Müller Glia Regeneration and MAPK/ERK Activation. , 2018, 59, 3124.		17
83	The voltage-gated potassium channel KCNQ2 in Taiwanese children with febrile convulsions. <i>NeuroReport</i> , 2002, 13, 1971-1973.	1.2	16
84	Effects of Educational Intervention on Changing Parental Practices for Recurrent Febrile Convulsions in Taiwan. <i>Epilepsia</i> , 2002, 43, 81-86.	5.1	16
85	Obesity Exacerbates Rat Cerebral Ischemic Injury through Enhancing Ischemic Adiponectin-Containing Neuronal Apoptosis. <i>Molecular Neurobiology</i> , 2016, 53, 3702-3713.	4.0	16
86	Differences in 99mTc-HMPAO brain SPET perfusion imaging between Tourette's syndrome and chronic tic disorder in children. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2001, 28, 183-190.	2.1	15
87	Paraneoplastic neurological disorders in children with benign ovarian tumors. <i>Brain and Development</i> , 2014, 36, 248-253.	1.1	15
88	Congenital occipital dermal sinus with intracranial dermoid cyst complicated by recurrent <i>Escherichia coli</i> meningitis. <i>British Journal of Dermatology</i> , 1998, 139, 922-924.	1.5	15
89	Level of transforming growth factor beta 1 is elevated in cerebrospinal fluid of children with acute bacterial meningitis. <i>Journal of Neurology</i> , 1997, 244, 634-638.	3.6	14
90	Effects of Lamotrigine on field potentials, propagation, and long-term potentiation in rat prefrontal cortex in multi-electrode recording. <i>Journal of Neuroscience Research</i> , 2006, 83, 1141-1150.	2.9	14

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91	Identifying Risk Factors Shared by Bronchopulmonary Dysplasia, Severe Retinopathy, and Cystic Periventricular Leukomalacia in Very Preterm Infants for Targeted Intervention. <i>Neonatology</i> , 2018, 114, 17-24.	2.0	14
92	X-linked recessive inheritance of dysgenesis of corpus callosum in a chinese family. <i>American Journal of Medical Genetics Part A</i> , 1992, 44, 619-623.	2.4	13
93	Pregabalin Attenuates Excitotoxicity in Diabetes. <i>PLoS ONE</i> , 2013, 8, e65154.	2.5	13
94	Duplex color ultrasound study of infantile progressive ventriculomegaly. <i>Child's Nervous System</i> , 1991, 7, 251-256.	1.1	12
95	The effects of induced apneic episodes on cerebral cortical oxygenation in newborn piglets. <i>Brain Research</i> , 1996, 741, 160-165.	2.2	12
96	Concentrated Preterm Formula as a Liquid Human Milk Fortifier at Initiation Stage in Extremely Low Birth Weight Preterm Infants: Short Term and 2-year Follow-up Outcomes. <i>Nutrients</i> , 2020, 12, 2229.	4.1	12
97	Improved Survival of Periviable Infants after Alteration of the Threshold of Viability by the Neonatal Resuscitation Program 2015. <i>Children</i> , 2021, 8, 23.	1.5	12
98	Congenital Unilateral Facial Palsy and Internal Auditory Canal Stenosis. <i>Pediatric Neurology</i> , 2008, 39, 116-119.	2.1	11
99	Rolipram, a Phosphodiesterase Type IV Inhibitor, Exacerbates Periventricular White Matter Lesions in Rat Pups. <i>Pediatric Research</i> , 2008, 64, 234-239.	2.3	11
100	Insulin Receptor Substrate-1 Activation Mediated p53 Downregulation Protects Against Hypoxic-Ischemia in the Neonatal Brain. <i>Molecular Neurobiology</i> , 2016, 53, 3658-3669.	4.0	11
101	Corpus callosum and cerebellar vermis size in very preterm infants: Relationship to long-term neurodevelopmental outcome. <i>Pediatrics and Neonatology</i> , 2019, 60, 178-185.	0.9	11
102	Basic Fibroblast Growth Factor in Experimental and Clinical Bacterial Meningitis. <i>Pediatric Research</i> , 1999, 45, 120-127.	2.3	11
103	Assessment of gestational age in newborns by neurosonography. <i>Early Human Development</i> , 1991, 25, 209-220.	1.8	10
104	High-resolution proton nuclear magnetic resonance studies of urine from asphyxiated newborn infants. <i>Applied Biochemistry and Biotechnology</i> , 1995, 53, 37-51.	2.9	10
105	Blockade of isoproterenol-induced synaptic potentiation by tetra-9-aminoacridine in the rat amygdala. <i>Neuroscience Letters</i> , 1996, 214, 87-90.	2.1	10
106	Neonatal Adrenoleukodystrophy Presenting With Seizure at Birth: A Case Report and Review of the Literature. <i>Pediatric Neurology</i> , 2008, 38, 137-139.	2.1	10
107	Using the Alberta Infant Motor Scale to early identify very low-birth-weight infants with cystic periventricular leukomalacia. <i>Brain and Development</i> , 2013, 35, 32-37.	1.1	10
108	Elevated cerebrospinal fluid endothelin 1 associated with neurogenic pulmonary edema in children with enterovirus 71 encephalitis. <i>International Journal of Infectious Diseases</i> , 2015, 34, 105-111.	3.3	10

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109	Postnatal Steroids and Febrile Seizure Susceptibility in Preterm Children. <i>Pediatrics</i> , 2016, 137, .	2.1	10
110	Epilepsy occurrence after neonatal morbidities in very preterm infants. <i>Epilepsia</i> , 2019, 60, 2086-2094.	5.1	10
111	A longitudinal study of the association between the GNB3 C825T polymorphism and metabolic disturbance in bipolar II patients treated with valproate. <i>Pharmacogenomics Journal</i> , 2017, 17, 155-161.	2.0	9
112	T2 Relaxometry MRI Predicts Cerebral Palsy in Preterm Infants. <i>American Journal of Neuroradiology</i> , 2018, 39, 563-568.	2.4	9
113	Possible correlation of sonic hedgehog signaling with epithelial-mesenchymal transition in muscle-invasive bladder cancer progression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2261-2271.	2.5	9
114	Serum brain-derived neurotrophic factor and neurocognitive function in children with type 1 diabetes. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 157-164.	1.7	9
115	Trends in survival, neonatal morbidity and neurodevelopmental outcome of very preterm infants in Tainan, Southern Taiwan, 1995-2016. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1314-1323.	1.7	9
116	Neonatal neurological disorders involving the brainstem: neurosonographic approaches through the squamous suture and the foramen magnum. <i>European Radiology</i> , 2005, 15, 1927-1933.	4.5	8
117	Activating the Wnt/ β -Catenin Pathway Did Not Protect Immature Retina from Hypoxic-Ischemic Injury. , 2015, 56, 4300.		8
118	Age-dependent vulnerability of cyclosporine-associated encephalopathy in children. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 464-471.	1.6	8
119	Sonographic changes in a parasagittal cerebral lesion in an asphyxiated newborn. <i>Journal of Clinical Ultrasound</i> , 1987, 15, 68-70.	0.8	7
120	Tc-99m-HL91 imaging in the early detection of neuronal injury in a neonatal rat model of hypoxic ischemia*. <i>Critical Care Medicine</i> , 2012, 40, 1930-1938.	0.9	7
121	Endothelial-specific insulin receptor substrate-1 overexpression worsens neonatal hypoxic-ischemic brain injury via mTOR-mediated tight junction disassembly. <i>Cell Death Discovery</i> , 2021, 7, 150.	4.7	7
122	Validity of the Clinical Adaptive Test (CAT)/Clinical Linguistic and Auditory Milestone Scale (CLAMS) as a Screening Instrument for Very Low Birth Weight Infants in Taiwan. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2005, 26, 412-418.	1.1	6
123	Tc-99m HMPAO Brain SPECT Imaging in Children With Acute Cerebellar Ataxia. <i>Clinical Nuclear Medicine</i> , 2008, 33, 841-844.	1.3	6
124	Eculizumab treatment of paroxysmal nocturnal hemoglobinuria presenting as Moyamoya syndrome in a 9-year-old male. <i>Pediatric Blood and Cancer</i> , 2012, 59, 203-204.	1.5	6
125	Shear Stress Induces Differentiation of Endothelial Lineage Cells to Protect Neonatal Brain from Hypoxic-Ischemic Injury through NRP1 and VEGFR2 Signaling. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	6
126	Quantitative analysis of intraoperative electrocorticography mirrors histopathology and seizure outcome after epileptic surgery in children. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1500-1511.	1.7	6

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127	Early-life respiratory trajectories and neurodevelopmental outcomes in infants born very and extremely preterm: A retrospective study. <i>Developmental Medicine and Child Neurology</i> , 2022, , .	2.1	6
128	Temporal Trends of Acute Kidney Injury and Associated Risk Exposures in Extremely Preterm Infants. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1169-1177.	4.5	5
129	Sodium cyanate-induced opening of calcium-activated potassium currents in hippocampal neuron-derived H19-7 cells. <i>Neuroscience Letters</i> , 2005, 377, 110-114.	2.1	4
130	Clinical manifestations and neurodevelopmental outcome following an event of accidental intramuscular injection of atracurium in newborns. <i>European Journal of Pediatrics</i> , 2006, 165, 361-6.	2.7	4
131	Lower risk of primary Sjogren's syndrome in patients with dengue virus infection: a nationwide cohort study in Taiwan. <i>Clinical Rheumatology</i> , 2021, 40, 537-546.	2.2	4
132	Extensive subarachnoid venous angiomatosis with hydrocephalus in phacomatosis pigmentovascularis. <i>Neurology</i> , 2013, 81, 1020-1021.	1.1	3
133	Fluoroquinolone resistance in <i>Haemophilus influenzae</i> from nursing home residents in Taiwan: correlation of MICs and mutations in QRDRs. <i>Journal of Applied Microbiology</i> , 2020, 128, 1624-1633.	3.1	3
134	Artemin Is Upregulated by TrkB Agonist and Protects the Immature Retina Against Hypoxic-Ischemic Injury by Suppressing Neuroinflammation and Astrogliosis. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 645000.	2.9	3
135	Effect of first-month head-size growth trajectory on cognitive outcomes in preterm infants. <i>Journal of the Formosan Medical Association</i> , 2021, , .	1.7	3
136	CREB activation in the rapid, intermediate, and delayed ischemic preconditioning against hypoxic-ischemia in neonatal rat. <i>Journal of Neurochemistry</i> , 0, , n/a-n/a.	3.9	3
137	Effect of hypoxia and reoxygenation on the activity of transglutaminase in brain of newborn piglets. <i>Neuroscience Letters</i> , 1994, 172, 42-46.	2.1	2
138	Type B Interrupted Aortic Arch and Hydrocephalus Associated with Mosaicism of a 1.37 Mb Amplified Cat Eye Syndrome Critical Region. <i>Pediatrics and Neonatology</i> , 2015, 56, 277-279.	0.9	2
139	Early Blood Biomarkers Distinguish Inflammation from Neonatal Hypoxic-Ischemia Encephalopathy. <i>Neurochemical Research</i> , 2020, 45, 2712-2722.	3.3	2
140	Lactate Predicts Neurological Outcomes after Perinatal Asphyxia in Post-Hypothermia Era: A Prospective Cohort Study. <i>Life</i> , 2021, 11, 1193.	2.4	2
141	Gestational Age-Related Associations between Early-Life Feeding Trajectories and Growth Outcomes at Term Equivalent Age in Very Preterm Infants. <i>Nutrients</i> , 2022, 14, 1032.	4.1	2
142	Frequency and Prediction of Abnormal Findings on Neuroimaging of Infants with Bulging Anterior Fontanelles. <i>Academic Emergency Medicine</i> , 2005, 12, 1185-1190.	1.8	1
143	Mortality, disability, and intensive care in patients with mitochondrial 3243A>G mutation. <i>Intensive Care Medicine</i> , 2015, 41, 1493-1495.	8.2	1
144	Developmental outcomes and prevalence of SLC2A1 variants in young infants with hypoglycorrhachia. <i>Brain and Development</i> , 2019, 41, 854-861.	1.1	1

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145	Early neuroimaging and ultrastructural correlates of injury outcome after neonatal hypoxic-ischaemia. <i>Brain Communications</i> , 2021, 3, fcab048.	3.3	1
146	Early Mental Trajectories Predict Different Cognitive Levels at School Age in Very Preterm Children. <i>Neonatology</i> , 2022, 119, 222-229.	2.0	1
147	Enterovirus 71 Encephalitis. <i>Neurological Disease and Therapy</i> , 2005, , 307-326.	0.0	0