

Laishuan Wang

List of Publications by Year in descending order

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35
papers

657
citations

840119

11
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642321

23
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all docs

40
docs citations

40
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of medical exome sequencing for identification of underlying genetic defects in <scp>NICU</scp>: Experience in a cohort of 2303 neonates in China. <i>Clinical Genetics</i> , 2022, 101, 101-109.	1.0	16
2	Optimization and high-density array of stereoelectroencephalography-guided radiofrequency thermocoagulation for the treatment of pediatric tuberous sclerosis complex with epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 724-731.	1.9	5
3	Generation of an induced pluripotent stem cell line (FDCHI007-A) derived from a patient with developmental and epileptic encephalopathy Type 31 carrying heterozygous c.545C>A mutation in DNMI1 gene. <i>Stem Cell Research</i> , 2022, 60, 102709.	0.3	0
4	Clinical and Genetic Etiologies of Neonatal Unconjugated Hyperbilirubinemia in the China Neonatal Genomes Project. <i>Journal of Pediatrics</i> , 2022, 243, 53-60.e9.	0.9	14
5	fNIRS-Based Dynamic Functional Connectivity Reveals the Innate Musical Sensing Brain Networks in Preterm Infants. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, , 1-1.	2.7	1
6	A Hybrid Expert System for Individualized Quantification of Electrical Status Epilepticus During Sleep Using Biogeography-Based Optimization. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1920-1930.	2.7	5
7	Association Between Expanded Genomic Sequencing Combined With Hearing Screening and Detection of Hearing Loss Among Newborns in a Neonatal Intensive Care Unit. <i>JAMA Network Open</i> , 2022, 5, e2220986.	2.8	9
8	Identification of TSC2 mosaic mutation limited to cortical tuber with TSC targeted sequencing: a case report and literature review. <i>Child's Nervous System</i> , 2021, 37, 3945-3949.	0.6	3
9	A Hybrid DCNN-SVM Model for Classifying Neonatal Sleep and Wake States Based on Facial Expressions in Video. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1441-1449.	3.9	22
10	Diagnostic and clinical utility of next-generation sequencing in children born with multiple congenital anomalies in the China neonatal genomes project. <i>Human Mutation</i> , 2021, 42, 434-444.	1.1	15
11	Congenital central hypoventilation syndrome in neonates: report of fourteen new cases and a review of the literature. <i>Translational Pediatrics</i> , 2021, 10, 733-745.	0.5	4
12	Overdosage of HNF1B Gene Associated With Annular Pancreas Detected in Neonate Patients With 17q12 Duplication. <i>Frontiers in Genetics</i> , 2021, 12, 615072.	1.1	3
13	Genetic identification of pathogenic variations of the DMD gene: a retrospective study from 10,481 neonatal patients based on next-generation sequencing data. <i>Annals of Translational Medicine</i> , 2021, 9, 766-766.	0.7	5
14	Combining Metagenomic Sequencing With Whole Exome Sequencing to Optimize Clinical Strategies in Neonates With a Suspected Central Nervous System Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 671109.	1.8	19
15	Development and validation of Auto-Neo-electroencephalography (EEG) to estimate brain age and predict report conclusion for electroencephalography monitoring data in neonatal intensive care units. <i>Annals of Translational Medicine</i> , 2021, 9, 1290-1290.	0.7	2
16	Assessment of Neonatal Intensive Care Unit Practices, Morbidity, and Mortality Among Very Preterm Infants in China. <i>JAMA Network Open</i> , 2021, 4, e2118904.	2.8	63
17	Evaluation of the Short-Term Music Therapy on Brain Functions of Preterm Infants Using Functional Near-Infrared Spectroscopy. <i>Frontiers in Neurology</i> , 2021, 12, 649340.	1.1	4
18	Neonatal Metabolic Acidosis in the Neonatal Intensive Care Unit: What Are the Genetic Causes?. <i>Frontiers in Pediatrics</i> , 2021, 9, 727301.	0.9	0

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19	Data Quality Improvement and Internal Data Audit of the Chinese Neonatal Network Data Collection System. <i>Frontiers in Pediatrics</i> , 2021, 9, 711200.	0.9	3
20	Src Family Kinases Inhibition Ameliorates Hypoxic-Ischemic Brain Injury in Immature Rats. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 746130.	1.8	6
21	Genetic aetiology of early infant deaths in a neonatal intensive care unit. <i>Journal of Medical Genetics</i> , 2020, 57, 169-177.	1.5	22
22	EEG-Based Neonatal Sleep-Wake Classification Using Multilayer Perceptron Neural Network. <i>IEEE Access</i> , 2020, 8, 183025-183034.	2.6	31
23	A multicentre observational study on neonates exposed to SARS-CoV-2 in China: the Neo-SARS-CoV-2 Study protocol. <i>BMJ Open</i> , 2020, 10, e038004.	0.8	8
24	Can pre-trained convolutional neural networks be directly used as a feature extractor for video-based neonatal sleep and wake classification?. <i>BMC Research Notes</i> , 2020, 13, 507.	0.6	11
25	Novel Framework: Face Feature Selection Algorithm for Neonatal Facial and Related Attributes Recognition. <i>IEEE Access</i> , 2020, 8, 59100-59113.	2.6	12
26	Design of an Integrated Wearable Multi-Sensor Platform Based on Flexible Materials for Neonatal Monitoring. <i>IEEE Access</i> , 2020, 8, 23732-23747.	2.6	36
27	Active surveillance and appropriate patient placement in contact isolation dramatically decreased carbapenem-resistant Enterobacterales infection and colonization in paediatric patients in China. <i>Journal of Hospital Infection</i> , 2020, 105, 486-494.	1.4	18
28	A randomized controlled trial protocol comparing the feeds of fresh versus frozen mother's own milk for preterm infants in the NICU. <i>Trials</i> , 2020, 21, 170.	0.7	8
29	Chinese expert consensus on the perinatal and neonatal management for the prevention and control of the 2019 novel coronavirus infection (First edition). <i>Annals of Translational Medicine</i> , 2020, 8, 47-47.	0.7	252
30	Spatiotemporal expression patterns of Galectin-3 in perinatal rat hypoxic-ischemic brain injury model. <i>Neuroscience Letters</i> , 2019, 711, 134439.	1.0	4
31	Potential protective effects of bilirubin following the treatment of neonatal hypoxic-ischemic encephalopathy with hypothermia therapy. <i>Bioscience Reports</i> , 2019, 39, .	1.1	6
32	Evaluation of the Effects of Mozart Music on Cerebral Hemodynamics in Preterm Infants. , 2019, , .		2
33	An Investigation into Audio Features and DTW Algorithms for Infant Cry Classification. , 2019, , .		1
34	A wearable sensor system for neonatal seizure monitoring. , 2017, , .		11
35	Early amplitude-integrated electroencephalography predicts brain injury and neurological outcome in very preterm infants. <i>Scientific Reports</i> , 2015, 5, 13810.	1.6	33