

Geraldine Favrais

List of Publications by Year in descending order

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38
papers

1,441
citations

394421

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all docs

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docs citations

47
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Maturation in Preterm Infants Through an Ensemble Machine Learning Algorithm Using Physiological Signals. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 400-410.	6.3	8
2	Patent ductus arteriosus, tracheal ventilation, and the risk of bronchopulmonary dysplasia. <i>Pediatric Research</i> , 2022, 91, 652-658.	2.3	16
3	Effect of Early Targeted Treatment of Ductus Arteriosus with Ibuprofen on Survival Without Cerebral Palsy at 2 Years in Infants with Extreme Prematurity: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2021, 233, 33-42.e2.	1.8	28
4	Automated brain MRI metrics in the EPIRMEX cohort of preterm newborns: Correlation with the neurodevelopmental outcome at 2 years. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 225-232.	3.2	9
5	Early bradycardia detection and therapeutic interventions in preterm infant monitoring. <i>Scientific Reports</i> , 2021, 11, 10486.	3.3	3
6	Duration of mechanical ventilation is more critical for brain growth than postnatal hydrocortisone in extremely preterm infants. <i>European Journal of Pediatrics</i> , 2021, 180, 3307-3315.	2.7	8
7	Partial protective effects of melatonin on developing brain in a rat model of chorioamnionitis. <i>Scientific Reports</i> , 2021, 11, 22167.	3.3	9
8	Association Between Early Amino Acid Intake and Full-Scale IQ at Age 5 Years Among Infants Born at Less Than 30 Weeksâ€™ Gestation. <i>JAMA Network Open</i> , 2021, 4, e2135452.	5.9	13
9	Quiet Sleep Organization of Very Preterm Infants Is Correlated With Postnatal Maturation. <i>Frontiers in Pediatrics</i> , 2020, 8, 559658.	1.9	13
10	Are single-donor red blood cell transfusions still relevant for preterm infants?. <i>Journal of Perinatology</i> , 2020, 40, 1075-1082.	2.0	0
11	A Dose Finding Design for Seizure Reduction in Neonates. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2019, 68, 427-444.	1.0	2
12	Neurodevelopmental outcome of late-preterm infants: Literature review. <i>Archives De Pediatrie</i> , 2019, 26, 492-496.	1.0	17
13	Prematurity alters skin conductance and behavioural scoring after acute stress in termâ€™equivalent age infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1609-1615.	1.5	4
14	Levetiracetam optimal dose-finding as first-line treatment for neonatal seizures occurring in the context of hypoxic-ischaemic encephalopathy (LEVNEONAT-1): study protocol of a phase II trial. <i>BMJ Open</i> , 2019, 9, e022739.	1.9	15
15	Efficacy of sirolimus combined with sclerotherapy for giant cervical lymphatic macrocystic malformations: two newborn cases. <i>European Journal of Dermatology</i> , 2019, 29, 90-91.	0.6	8
16	Systematic ultrasound examinations in neonates admitted to NICU: evolution of portal vein thrombosis. <i>Journal of Perinatology</i> , 2018, 38, 1359-1364.	2.0	22
17	Leading causes of preterm delivery as risk factors for intraventricular hemorrhage in very preterm infants: results of the EPIPAGE 2 cohort study. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 518.e1-518.e12.	1.3	65
18	Abstention or intervention for isolated hypotension in the first 3â€¦days of life in extremely preterm infants: association with short-term outcomes in the EPIPAGE 2 cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, 490-496.	2.8	55

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19	Reactive astrocyte COX2&PGE2 production inhibits oligodendrocyte maturation in neonatal white matter injury. <i>Glia</i> , 2017, 65, 2024-2037.	4.9	81
20	Melatonin modulates neonatal brain inflammation through endoplasmic reticulum stress, autophagy, and mi<sc>R</sc>â"a/silent information regulator 1 pathway. <i>Journal of Pineal Research</i> , 2016, 61, 370-380.	7.4	106
21	Real-Time Continuous Glucose Monitoring Reduces the Duration of Hypoglycemia Episodes: A Randomized Trial in Very Low Birth Weight Neonates. <i>PLoS ONE</i> , 2015, 10, e0116255.	2.5	51
22	Intracranial Pressure Monitoring Demonstrates that Cerebral Edema Is Not Correlated to Hyperammonemia in a Child with Ornithine Transcarbamylase Deficiency. <i>JIMD Reports</i> , 2015, 27, 55-62.	1.5	3
23	Multifocal Lymphoendotheliomatosis With Thrombocytopenia: Clinical Features and Response to Sirolimus. <i>Pediatrics</i> , 2015, 136, e517-e522.	2.1	21
24	Impact of Common Treatments Given in the Perinatal Period on the Developing Brain. <i>Neonatology</i> , 2014, 106, 163-172.	2.0	22
25	G proteinâÉc;coupled receptor kinase 2 and group I metabotropic glutamate receptors mediate inflammationâÉc;induced sensitization to excitotoxic neurodegeneration. <i>Annals of Neurology</i> , 2013, 73, 667-678.	5.3	44
26	Increased MMP-9 and TIMP-1 in mouse neonatal brain and plasma and in human neonatal plasma after hypoxiaâÉc;ischemia: a potential marker of neonatal encephalopathy. <i>Pediatric Research</i> , 2012, 71, 63-70.	2.3	43
27	Approches thÉc;rapeutiques des convulsions nÉc;onatales. <i>Archives De P&#228;diatrie</i> , 2012, 19, H207-H208.	1.0	2
28	Neuroprotective Strategies. , 2012, , 1173-1179.		0
29	Systemic inflammation disrupts the developmental program of white matter. <i>Annals of Neurology</i> , 2011, 70, 550-565.	5.3	337
30	Inflammation processes in perinatal brain damage. <i>Journal of Neural Transmission</i> , 2010, 117, 1009-1017.	2.8	51
31	Systemic inflammation sensitizes the neonatal brain to excitotoxicity through a pro-/anti-inflammatory imbalance: Key role of TNFߛ pathway and protection by etanercept. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 747-758.	4.1	79
32	Molecular Mechanisms Involved in Injury to the Preterm Brain. <i>Journal of Child Neurology</i> , 2009, 24, 1112-1118.	1.4	72
33	The AMPA receptor positive allosteric modulator, S18986, is neuroprotective against neonatal excitotoxic and inflammatory brain damage through BDNF synthesis. <i>Neuropharmacology</i> , 2009, 57, 277-286.	4.1	25
34	Gastrointestinal dysfunction in mice with a targeted mutation in the gene encoding vasoactive intestinal polypeptide: A model for the study of intestinal ileus and Hirschsprung's disease. <i>Peptides</i> , 2007, 28, 1688-1699.	2.4	92
35	Involvement of VIP and PACAP in neonatal brain lesions generated by a combined excitotoxic/inflammatory challenge. <i>Peptides</i> , 2007, 28, 1727-1737.	2.4	20
36	Neuroprotection of the newborn: From bench to cribside. <i>Seminars in Fetal and Neonatal Medicine</i> , 2007, 12, 239-240.	2.3	5

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37	Cyclooxygenase-2 mediates the sensitizing effects of systemic IL-1-beta on excitotoxic brain lesions in newborn mice. <i>Neurobiology of Disease</i> , 2007, 25, 496-505.	4.4	57
38	Alteration of the Oligodendrocyte Lineage Varies According to the Systemic Inflammatory Stimulus in Animal Models That Mimic the Encephalopathy of Prematurity. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	4