

# Stéphane Marret

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

3,855  
citations

318942

23  
h-index

145109

60  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4397  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phase III Study of Bumetanide Oral Liquid Formulation for the Treatment of Children and Adolescents Aged Between 7 and 17 Years with Autism Spectrum Disorder (SIGN 1 Trial): Participant Baseline Characteristics. <i>Child Psychiatry and Human Development</i> , 2023, 54, 1360-1372.	1.1	4
2	Predictive value of brain MRI at term-equivalent age in extremely preterm children on neurodevelopmental outcome at school-age. <i>Brain Imaging and Behavior</i> , 2022, 16, 878-887.	1.1	2
3	Bronchopulmonary Dysplasia and Risk of Developmental Delay: An EPIPAGE-2 Cohort Study. <i>Neonatology</i> , 2022, 119, 124-128.	0.9	7
4	Neurodevelopment at 5 Years of Age According to Early Screening for Patent Ductus Arteriosus in Extremely Preterm Infants. <i>JAMA - Journal of the American Medical Association</i> , 2022, 328, 71.	3.8	2
5	Caffeine use during pregnancy: prevalence of use and newborn consequences in a cohort of French pregnant women. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 941-950.	1.8	9
6	Next-Generation Molecular Investigations in Lysosomal Diseases: Clinical Integration of a Comprehensive Targeted Panel. <i>Diagnostics</i> , 2021, 11, 294.	1.3	3
7	NGLY1 Deficiency: A Rare Newly Described Condition with a Typical Presentation. <i>Life</i> , 2021, 11, 187.	1.1	12
8	Effect of Neuroprotective Magnesium Sulfate Treatment on Brain Transcription Response to Hypoxia Ischemia in Neonate Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4253.	1.8	2
9	Diagnosis and Management of Glioblastoma: A Comprehensive Perspective. <i>Journal of Personalized Medicine</i> , 2021, 11, 258.	1.1	23
10	Neurodevelopmental outcomes at age 5 among children born preterm: EPIPAGE-2 cohort study. <i>BMJ, The</i> , 2021, 373, n741.	3.0	125
11	Parsing Fabry Disease Metabolic Plasticity Using Metabolomics. <i>Journal of Personalized Medicine</i> , 2021, 11, 898.	1.1	3
12	A randomized EPIREMED protocol study on the long-term visuo spatial effects of very preterm children with a working memory deficit. <i>BMC Pediatrics</i> , 2021, 21, 402.	0.7	1
13	Cerebral Palsy in Very Preterm Infants: A Nine-Year Prospective Study in a French Population-Based Tertiary Center. <i>Journal of Pediatrics</i> , 2021, 237, 183-189.e6.	0.9	8
14	The Neurobehavioral Phenotype of School-Aged, Very Prematurely Born Children with No Serious Neurological Sequelae: A Quality of Life Predictor. <i>Children</i> , 2021, 8, 943.	0.6	4
15	Precision Neurosurgery: A Path Forward. <i>Journal of Personalized Medicine</i> , 2021, 11, 1019.	1.1	2
16	Integrative Metabolomics Reveals Deep Tissue and Systemic Metabolic Remodeling in Glioblastoma. <i>Cancers</i> , 2021, 13, 5157.	1.7	9
17	Heterogenous Clinical Landscape in a Consanguineous Malonic Aciduria Family. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12633.	1.8	4
18	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.	2.8	13

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19	Glutamate controls vessel-associated migration of GABA interneurons from the pial migratory route via NMDA receptors and endothelial protease activation. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1959-1986.	2.4	21
20	Neonatal cerebral hypoxia-ischemia in mice triggers age-dependent vascular effects and disabilities in adults; implication of tissue plasminogen activator (tPA). <i>Experimental Neurology</i> , 2020, 323, 113087.	2.0	10
21	Why considering sexual differences is necessary when studying encephalopathy of prematurity through rodent models. <i>European Journal of Neuroscience</i> , 2020, 52, 2560-2574.	1.2	4
22	Intraventricular Hemorrhage in Very Preterm Infants: A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 2447.	1.0	29
23	Maternal employment and socioeconomic status of families raising children born very preterm with motor or cognitive impairments: the EPIPAGE cohort study. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1182-1190.	1.1	9
24	Hypoxia-Ischemia Induced Age-Dependent Gene Transcription Effects at Two Development Stages in the Neonate Mouse Brain. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 587815.	1.4	6
25	A Proteomics-Based Analysis Reveals Predictive Biological Patterns in Fabry Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 1325.	1.0	18
26	Association of Chorioamnionitis with Cerebral Palsy at Two Years after Spontaneous Very Preterm Birth: The EPIPAGE-2 Cohort Study. <i>Journal of Pediatrics</i> , 2020, 222, 71-78.e6.	0.9	21
27	Specific cognitive correlates of the quality of life of extremely preterm school-aged children without major neurodevelopmental disability. <i>Pediatric Research</i> , 2020, 88, 642-652.	1.1	10
28	Risk factors associated to tobacco and alcohol use in a large French cohort of pregnant women. <i>Archives of Women's Mental Health</i> , 2019, 22, 267-277.	1.2	14
29	Quality of life of extremely preterm school-age children without major handicap: a cross-sectional observational study. <i>Archives of Disease in Childhood</i> , 2019, 104, 333-339.	1.0	33
30	Educational and health outcomes associated with bronchopulmonary dysplasia in 15-year-olds born preterm. <i>PLoS ONE</i> , 2019, 14, e0222286.	1.1	12
31	A new optimization strategy for MALDI FTICR MS tissue analysis for untargeted metabolomics using experimental design and data modeling. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3891-3903.	1.9	14
32	Beneficial Effects of Remifentanyl Against Excitotoxic Brain Damage in Newborn Mice. <i>Frontiers in Neurology</i> , 2019, 10, 407.	1.1	10
33	Association of Language Skills with Other Developmental Domains in Extremely, Very, and Moderately Preterm Children: EPIPAGE 2 Cohort Study. <i>Journal of Pediatrics</i> , 2019, 208, 114-120.e5.	0.9	20
34	Protection of brain development by antenatal magnesium sulphate for infants born preterm. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 25-30.	1.1	18
35	Metabolic causes of nonimmune hydrops fetalis: A next-generation sequencing panel as a first-line investigation. <i>Clinica Chimica Acta</i> , 2018, 481, 1-8.	0.5	32
36	Neurodevelopmental outcome in prenatally diagnosed isolated agenesis of the corpus callosum. <i>Early Human Development</i> , 2018, 116, 9-16.	0.8	29

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37	Association of Intraventricular Hemorrhage and Death With Tocolytic Exposure in Preterm Infants. <i>JAMA Network Open</i> , 2018, 1, e182355.	2.8	12
38	Time- and sex-dependent efficacy of magnesium sulfate to prevent behavioral impairments and cerebral damage in a mouse model of cerebral palsy. <i>Neurobiology of Disease</i> , 2018, 120, 151-164.	2.1	26
39	Post hemorrhagic hydrocephalus and neurodevelopmental outcomes in a context of neonatal intraventricular hemorrhage: an institutional experience in 122 preterm children. <i>BMC Pediatrics</i> , 2018, 18, 288.	0.7	47
40	Fetal Neuroprotection by Magnesium Sulfate: From Translational Research to Clinical Application. <i>Frontiers in Neurology</i> , 2018, 9, 247.	1.1	38
41	Magnesium sulfate and fetal neuroprotection: overview of clinical evidence. <i>Neural Regeneration Research</i> , 2018, 13, 2044.	1.6	24
42	Major remodeling of brain microvessels during neonatal period in the mouse: A proteomic and transcriptomic study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 495-513.	2.4	15
43	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.	0.7	65
44	Assessment of tobacco, alcohol and cannabinoid metabolites in 645 meconium samples of newborns compared to maternal self-reports. <i>Journal of Psychiatric Research</i> , 2017, 90, 86-93.	1.5	29
45	Tocolysis after preterm premature rupture of membranes and neonatal outcome: a propensity-score analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 212.e1-212.e12.	0.7	26
46	Urinary metabolic phenotyping of mucopolysaccharidosis type I combining untargeted and targeted strategies with data modeling. <i>Clinica Chimica Acta</i> , 2017, 475, 7-14.	0.5	19
47	Magnesium Sulfate Prevents Neurochemical and Long-Term Behavioral Consequences of Neonatal Excitotoxic Lesions: Comparison Between Male and Female Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 883-897.	0.9	18
48	Experimental and clinical evidence of differential effects of magnesium sulfate on neuroprotection and angiogenesis in the fetal brain. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00315.	1.1	16
49	PLGF, a placental marker of fetal brain defects after in utero alcohol exposure. <i>Acta Neuropathologica Communications</i> , 2017, 5, 44.	2.4	42
50	Neurodevelopmental outcome at 2 years for preterm children born at 22 to 34 weeks <sup>â</sup> ™ gestation in France in 2011: EPIPAGE-2 cohort study. <i>BMJ: British Medical Journal</i> , 2017, 358, j3448.	2.4	317
51	Serum Magnesium Levels in Preterm Infants Are Higher Than Adult Levels: A Systematic Literature Review and Meta-Analysis. <i>Nutrients</i> , 2017, 9, 1125.	1.7	32
52	Assessing the neuroprotective benefits for babies of antenatal magnesium sulphate: An individual participant data meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002398.	3.9	142
53	Antenatal magnesium sulphate administration for fetal neuroprotection: a French national survey. <i>BMC Pregnancy and Childbirth</i> , 2017, 17, 304.	0.9	13
54	Clinical Metabolomics: The New Metabolic Window for Inborn Errors of Metabolism Investigations in the Post-Genomic Era. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1167.	1.8	92

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55	Omics-Based Strategies in Precision Medicine: Toward a Paradigm Shift in Inborn Errors of Metabolism Investigations. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1555.	1.8	135
56	Comparison in Outcomes at Two-Years of Age of Very Preterm Infants Born in 2000, 2005 and 2010. <i>PLoS ONE</i> , 2015, 10, e0114567.	1.1	13
57	Antenatal Magnesium Sulfate and Outcomes for School-aged Children. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 306.	3.8	8
58	Survival and Morbidity of Preterm Children Born at 22 Through 34 Weeksâ€™ Gestation in France in 2011. <i>JAMA Pediatrics</i> , 2015, 169, 230.	3.3	576
59	NMDA receptor blockade in the developing cortex induces autophagy-mediated death of immature cortical GABAergic interneurons: An ex vivo and in vivo study in Gad67-GFP mice. <i>Experimental Neurology</i> , 2015, 267, 177-193.	2.0	19
60	Age-dependent alterations of the NMDA receptor developmental profile and adult behavior in postnatally ketamine-treated mice. <i>Developmental Neurobiology</i> , 2015, 75, 315-333.	1.5	20
61	Age-Dependent Neonatal Intracerebral Hemorrhage in Plasminogen Activator Inhibitor 1 Knockout Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 387-402.	0.9	24
62	School-Age Outcomes following a Randomized Controlled Trial of Magnesium Sulfate for Neuroprotection of Preterm Infants. <i>Journal of Pediatrics</i> , 2014, 165, 398-400.e3.	0.9	63
63	The Efficiency of Glutamate Uptake Differs between Neonatal and Adult Cortical Microvascular Endothelial Cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 764-767.	2.4	12
64	Delayed language development at two years of age in very preterm infants in the Perinatal Network of Haute-Normandie. <i>Early Human Development</i> , 2014, 90, 891-892.	0.8	5
65	Pathophysiology of cerebral palsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 111, 169-176.	1.0	64
66	Hypoxia-Ischemia or Excitotoxin-Induced Tissue Plasminogen Activator- Dependent Gelatinase Activation in Mice Neonate Brain Microvessels. <i>PLoS ONE</i> , 2013, 8, e71263.	1.1	16
67	Magnesium sulphate for women at risk of preterm birth for neuroprotection of the fetus. <i>The Cochrane Library</i> , 2009, , CD004661.	1.5	380
68	Neurodevelopmental disabilities and special care of 5-year-old children born before 33 weeks of gestation (the EPIPAGE study): a longitudinal cohort study. <i>Lancet</i> , The, 2008, 371, 813-820.	6.3	758
69	Effect of Ibotenate on Brain Development. <i>Journal of Neuropathology and Experimental Neurology</i> , 1995, 54, 358-370.	0.9	246