

# Marielle V Fortier

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,232  
citations

516710

16  
h-index

377865

34  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Development Mediates Association of Prenatal Maternal Depressive Symptoms and Child Reward Sensitivity: A Longitudinal Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 392-401.	0.5	9
2	The Kynurenine Pathway Metabolites in Cord Blood Positively Correlate With Early Childhood Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2464-e2473.	3.6	6
3	Structure-function coupling within the reward network in preschool children predicts executive functioning in later childhood. <i>Developmental Cognitive Neuroscience</i> , 2022, 55, 101107.	4.0	10
4	Determinants of cord blood adipokines and association with neonatal abdominal adipose tissue distribution. <i>International Journal of Obesity</i> , 2022, 46, 637-645.	3.4	6
5	High placental inositol content associated with suppressed pro-adipogenic effects of maternal glycaemia in offspring: the GUSTO cohort. <i>International Journal of Obesity</i> , 2021, 45, 247-257.	3.4	13
6	Inflammatory modulation of the associations between prenatal maternal depression and neonatal brain. <i>Neuropsychopharmacology</i> , 2021, 46, 470-477.	5.4	13
7	Canonical TGF- $\beta$ 2 signaling regulates the relationship between prenatal maternal depression and amygdala development in early life. <i>Translational Psychiatry</i> , 2021, 11, 170.	4.8	13
8	Maternal Adverse Childhood Experience and Depression in Relation with Brain Network Development and Behaviors in Children: A Longitudinal Study. <i>Cerebral Cortex</i> , 2021, 31, 4233-4244.	2.9	8
9	The longitudinal association between early-life screen viewing and abdominal adiposity—findings from a multiethnic birth cohort study. <i>International Journal of Obesity</i> , 2021, 45, 1995-2005.	3.4	3
10	Left lateralization of neonatal caudate microstructure affects emerging language development at 24 months. <i>European Journal of Neuroscience</i> , 2021, 54, 4621-4637.	2.6	3
11	Automated Segmentation of Visceral, Deep Subcutaneous, and Superficial Subcutaneous Adipose Tissue Volumes in MRI of Neonates and Young Children. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200304.	5.8	9
12	Integrated structural and functional atlases of Asian children from infancy to childhood. <i>NeuroImage</i> , 2021, 245, 118716.	4.2	8
13	Sex-Dependent Associations among Maternal Depressive Symptoms, Child Reward Network, and Behaviors in Early Childhood. <i>Cerebral Cortex</i> , 2020, 30, 901-912.	2.9	13
14	Neural Transcription Correlates of Multimodal Cortical Phenotypes during Development. <i>Cerebral Cortex</i> , 2020, 30, 2740-2754.	2.9	4
15	Do intrinsic brain functional networks predict working memory from childhood to adulthood?. <i>Human Brain Mapping</i> , 2020, 41, 4574-4586.	3.6	8
16	Maternal glycemia during pregnancy and offspring abdominal adiposity measured by MRI in the neonatal period and preschool years: The Growing Up in Singapore Towards healthy Outcomes (GUSTO) prospective mother-offspring birth cohort study. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 39-47.	4.7	18
17	An initial investigation of neonatal neuroanatomy, caregiving, and levels of disorganized behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16787-16792.	7.1	15
18	Maternal care in infancy and the course of limbic development. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100714.	4.0	23

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19	Long-term Influences of Prenatal Maternal Depressive Symptoms on the Amygdalaâ€œPrefrontal Circuitry of the Offspring From Birth to Early Childhood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 940-947.	1.5	14
20	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. <i>Brain Structure and Function</i> , 2019, 224, 1885-1895.	2.3	24
21	Neonatal amygdalae and hippocampi are influenced by genotype and prenatal environment, and reflected in the neonatal DNA methylome. <i>Genes, Brain and Behavior</i> , 2019, 18, e12576.	2.2	14
22	Body Composition and Acquired Functional Impairment in Survivors of Pediatric Critical Illness. <i>Critical Care Medicine</i> , 2019, 47, e445-e453.	0.9	7
23	Functional and structural networks of lateral and medial orbitofrontal cortex as potential neural pathways for depression in childhood. <i>Depression and Anxiety</i> , 2019, 36, 365-374.	4.1	16
24	Fronto-parietal numerical networks in relation with early numeracy in young children. <i>Brain Structure and Function</i> , 2019, 224, 263-275.	2.3	7
25	Adherence to a healthy eating index for pregnant women is associated with lower neonatal adiposity in a multiethnic Asian cohort: the Growing Up in Singapore Towards healthy Outcomes (GUSTO) Study. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 71-79.	4.7	35
26	FKBP5 Moderates the Association between Antenatal Maternal Depressive Symptoms and Neonatal Brain Morphology. <i>Neuropsychopharmacology</i> , 2018, 43, 564-570.	5.4	37
27	Perinatal maternal depressive symptoms alter amygdala functional connectivity in girls. <i>Human Brain Mapping</i> , 2018, 39, 680-690.	3.6	71
28	Behavioral Heterogeneity in Relation with Brain Functional Networks in Young Children. <i>Cerebral Cortex</i> , 2018, 28, 3322-3331.	2.9	9
29	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. <i>Cerebral Cortex</i> , 2017, 27, 5170-5184.	2.9	22
30	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017, 27, 3080-3092.	2.9	90
31	Faster eating rates are associated with higher energy intakes during an <i>ad libitum</i> meal, higher BMI and greater adiposity among 4-5-year-old children: results from the Growing Up in Singapore Towards Healthy Outcomes (GUSTO) cohort. <i>British Journal of Nutrition</i> , 2017, 117, 1042-1051.	2.3	85
32	Maternal plasma phosphatidylcholine polyunsaturated fatty acids during pregnancy and offspring growth and adiposity. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 121, 21-29.	2.2	22
33	Neonatal neural networks predict children behavioral profiles later in life. <i>Human Brain Mapping</i> , 2017, 38, 1362-1373.	3.6	32
34	Eye size and shape in newborn children and their relation to axial length and refraction at 3 years. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 414-423.	2.0	20
35	Developmental synchrony of thalamocortical circuits in the neonatal brain. <i>NeuroImage</i> , 2015, 116, 168-176.	4.2	16
36	Brain-derived neurotrophic factor (BDNF) Val66Met polymorphism influences the association of the methylome with maternal anxiety and neonatal brain volumes. <i>Development and Psychopathology</i> , 2015, 27, 137-150.	2.3	68

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37	Antenatal Maternal Anxiety Predicts Variations in Neural Structures Implicated in Anxiety Disorders in Newborns. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 313-321.e2.	0.5	113
38	Gestational Age and Neonatal Brain Microstructure in Term Born Infants: A Birth Cohort Study. <i>PLoS ONE</i> , 2014, 9, e115229.	2.5	25
39	Prenatal Maternal Depression Associates with Microstructure of Right Amygdala in Neonates at Birth. <i>Biological Psychiatry</i> , 2013, 74, 837-844.	1.3	221
40	Structural connectivity asymmetry in the neonatal brain. <i>NeuroImage</i> , 2013, 75, 187-194.	4.2	102