

# Nickie Andescavage

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

695  
citations

687363

13  
h-index

610901

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

867  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Prenatal Maternal Psychological Distress With Fetal Brain Growth, Metabolism, and Cortical Maturation. <i>JAMA Network Open</i> , 2020, 3, e1919940.	5.9	124
2	3-D volumetric MRI evaluation of the placenta in fetuses with complex congenital heart disease. <i>Placenta</i> , 2015, 36, 1024-1030.	1.5	68
3	Association of Maternal Psychological Distress With In Utero Brain Development in Fetuses With Congenital Heart Disease. <i>JAMA Pediatrics</i> , 2020, 174, e195316.	6.2	63
4	Nutrition and the developing brain: the road to optimizing early neurodevelopment: a systematic review. <i>Pediatric Research</i> , 2020, 87, 194-201.	2.3	49
5	Pattern of brain injury and depressed heart rate variability in newborns with hypoxic ischemic encephalopathy. <i>Pediatric Research</i> , 2017, 82, 438-443.	2.3	44
6	Association of Prenatal Maternal Anxiety With Fetal Regional Brain Connectivity. <i>JAMA Network Open</i> , 2020, 3, e2022349.	5.9	42
7	In vivo placental MRI shape and textural features predict fetal growth restriction and postnatal outcome. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 449-458.	3.4	33
8	Improved brain growth and microstructural development in breast milk-fed very low birth weight premature infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1580-1587.	1.5	29
9	Prenatal origins of neuropsychiatric diseases. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1741-1749.	1.5	28
10	Association Between Socioeconomic Status and In Utero Fetal Brain Development. <i>JAMA Network Open</i> , 2021, 4, e213526.	5.9	26
11	Association of Elevated Maternal Psychological Distress, Altered Fetal Brain, and Offspring Cognitive and Social-Emotional Outcomes at 18 Months. <i>JAMA Network Open</i> , 2022, 5, e229244.	5.9	25
12	Exploring in vivo placental microstructure in healthy and growth-restricted pregnancies through diffusion-weighted magnetic resonance imaging. <i>Placenta</i> , 2020, 93, 113-118.	1.5	18
13	Maternal psychological distress during the COVID-19 pandemic and structural changes of the human fetal brain. <i>Communications Medicine</i> , 2022, 2, .	4.2	18
14	In vivo textural and morphometric analysis of placental development in healthy & growth-restricted pregnancies using magnetic resonance imaging. <i>Pediatric Research</i> , 2019, 85, 974-981.	2.3	17
15	Adverse Prenatal Exposures and Fetal Brain Development: Insights From Advanced Fetal Magnetic Resonance Imaging. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 480-490.	1.5	15
16	Robust preprocessing for stimulus-based functional MRI of the moving fetus. <i>Journal of Medical Imaging</i> , 2016, 3, 026001.	1.5	14
17	Autonomic Dysfunction in Neonates with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia Impairs Physiological Responses to Routine Care Events. <i>Journal of Pediatrics</i> , 2018, 196, 38-44.	1.8	12
18	Early Lipid Intake Improves Cerebellar Growth in Very Low-Birth-Weight Preterm Infants. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021, 45, 587-595.	2.6	11

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19	Non-invasive measurement of biochemical profiles in the healthy fetal brain. <i>NeuroImage</i> , 2020, 219, 117016.	4.2	10
20	Robust motion correction and outlier rejection of in vivo functional MR images of the fetal brain and placenta during maternal hyperoxia. <i>Proceedings of SPIE</i> , 2015, 9417, 941700.	0.8	8
21	Feasibility of QSM in the human placenta. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 1272-1281.	3.0	8
22	Automatic brain segmentation in preterm infants with post-hemorrhagic hydrocephalus using 3D Bayesian UNet. <i>Human Brain Mapping</i> , 2022, 43, 1895-1916.	3.6	7
23	Emerging placental biomarkers of health and disease through advanced magnetic resonance imaging (MRI). <i>Experimental Neurology</i> , 2022, 347, 113868.	4.1	6
24	In Utero MRI Identifies Impaired Second Trimester Subplate Growth in Fetuses with Congenital Heart Disease. <i>Cerebral Cortex</i> , 2022, 32, 2858-2867.	2.9	6
25	Normative placental structure in pregnancy using quantitative Magnetic Resonance Imaging. <i>Placenta</i> , 2021, 112, 172-179.	1.5	4
26	Semi-automatic segmentation of the placenta into fetal and maternal compartments using intravoxel incoherent motion MRI. <i>Proceedings of SPIE</i> , 2017, 10137, .	0.8	3
27	Maternal mental distress and cortisol levels in pregnancies with congenital heart disease. <i>Cardiology in the Young</i> , 2022, 32, 975-979.	0.8	3
28	The Impact of Surgical Patent Ductus Arteriosus Closure on Autonomic Function in Premature Infants. <i>American Journal of Perinatology</i> , 2017, 34, 874-878.	1.4	2
29	Using Nature to Nurture: Breast Milk Analysis and Fortification to Improve Growth and Neurodevelopmental Outcomes in Preterm Infants. <i>Nutrients</i> , 2021, 13, 4307.	4.1	2
30	June EIC biocommentary. <i>Pediatric Research</i> , 2019, 85, 922-922.	2.3	0
31	110: Prenatal cerebral lactate predicting delivery mode during labor in fetuses with congenital heart disease. <i>American Journal of Obstetrics and Gynecology</i> , 2019, 220, S89.	1.3	0