Ana Maria Arbelaez

List of Publications by Year
in descending order

32	1,016	471509 17	434195 31
papers	citations	h-index	g-index

32	32	32	1492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Longitudinal Assessment of Neuroanatomical and Cognitive Differences in Young Children With Type 1 Diabetes: Association With Hyperglycemia. Diabetes, 2015, 64, 1770-1779.	0.6	107
2	Attenuation of Counterregulatory Responses to Recurrent Hypoglycemia by Active Thalamic Inhibition. Diabetes, 2008, 57, 470-475.	0.6	87
3	Glucose counterregulatory responses to hypoglycemia. Pediatric Endocrinology Reviews, 2011, 9, 463-73; quiz 474-5.	1.2	87
4	Impact of Early Diabetic Ketoacidosis on the Developing Brain. Diabetes Care, 2019, 42, 443-449.	8.6	77
5	White Matter Microstructural Integrity in Youth With Type 1 Diabetes. Diabetes, 2013, 62, 581-589.	0.6	73
6	Glycemic extremes in youth with T1DM: The structural and functional integrity of the developing brain. Pediatric Diabetes, 2013, 14, 541-553.	2.9	63
7	Insulin, Central Dopamine D2 Receptors, and Monetary Reward Discounting in Obesity. PLoS ONE, 2015, 10, e0133621.	2.5	50
8	Blunted glucagon but not epinephrine responses to hypoglycemia occurs in youth with less than 1 yr duration of type 1 diabetes mellitus. Pediatric Diabetes, 2014, 15, 127-134.	2.9	49
9	Clinical presentation and memory function in youth with type 1 diabetes. Pediatric Diabetes, 2016, 17, 492-499.	2.9	47
10	Impact of Type 1 Diabetes in the Developing Brain in Children: A Longitudinal Study. Diabetes Care, 2021, 44, 983-992.	8.6	39
11	Evolution of Abnormal Plasma Glucagon Responses to Mixed-Meal Feedings in Youth With Type 1 Diabetes During the First 2 Years After Diagnosis. Diabetes Care, 2014, 37, 1741-1744.	8.6	38
12	Persistence of abnormalities in white matter in children with type 1 diabetes. Diabetologia, 2018, 61, 1538-1547.	6.3	37
13	Academic abilities and glycaemic control in children and young people with Type 1 diabetes mellitus. Diabetic Medicine, 2016, 33, 668-673.	2.3	35
14	Vitamin D Deficiency and Comorbidities in Children with Sickle Cell Anemia. Pediatric Hematology and Oncology, 2012, 29, 261-266.	0.8	33
15	Severity of clinical presentation in youth with type 1 diabetes is associated with differences in brain structure. Pediatric Diabetes, 2017, 18, 686-695.	2.9	30
16	Comparison of Regional Cerebral Blood Flow Responses to Hypoglycemia Using Pulsed Arterial Spin Labeling and Positron Emission Tomography. PLoS ONE, 2013, 8, e60085.	2.5	26
17	Portable, field-based neuroimaging using high-density diffuse optical tomography. NeuroImage, 2020, 215, 116541.	4.2	26
18	Thalamic Activation During Slightly Subphysiological Glycemia in Humans. Diabetes Care, 2012, 35, 2570-2574.	8.6	20

#	Article	IF	Citations
19	Executive task-based brain function in children with type 1 diabetes: An observational study. PLoS Medicine, 2019, 16, e1002979.	8.4	15
20	Brain Function Differences in Children With Type 1 Diabetes: A Functional MRI Study of Working Memory. Diabetes, 2020, 69, 1770-1778.	0.6	15
21	The association between body composition, leptin levels and glucose dysregulation in youth with cystic fibrosis. Journal of Cystic Fibrosis, 2021, 20, 796-802.	0.7	9
22	Blood leukocytes recapitulate diabetogenic peptideâ€“MHC-II complexes displayed in the pancreatic islets. Journal of Experimental Medicine, 2021, 218, .	8.5	8
23	Feasibility and Efficacy of Telehealth-Based Resistance Exercise Training in Adolescents with Cystic Fibrosis and Glucose Intolerance. International Journal of Environmental Research and Public Health, 2022, 19, 3297.	2.6	8
24	Lactate and the Mechanism of Hypoglycemia-Associated Autonomic Failure in Diabetes. Diabetes, 2013, 62, 3999-4001.	0.6	6
25	Hypoglycemia during moderate intensity exercise reduces counterregulatory responses to subsequent hypoglycemia. Physiological Reports, 2016, 4, e12848.	1.7	6
26	Dissociation Between Hormonal Counterregulatory Responses and Cerebral Glucose Metabolism During Hypoglycemia. Diabetes, 2017, 66, 2964-2972.	0.6	6
27	Coeliac disease presenting as severe hypoglycaemia in youth with TypeÂ1 diabetes. Diabetic Medicine, 2014, 31, e33-6.	2.3	5
28	Association between Endocrine Disorders and Severe COVID-19 Disease in Pediatric Patients. Hormone Research in Paediatrics, 2022, 95, 331-338.	1.8	5
29	Comparison of Bioelectrical Impedance Analysis with DXA in Adolescents with Cystic Fibrosis before and after a Resistance Training Intervention. International Journal of Environmental Research and Public Health, 2022, 19, 4037.	2.6	4
30	Inherited Deletion of 1q, Hyperparathyroidism and Signs of Y-chromosomal Influence in a Patient with Turner Syndrome. JCRPE Journal of Clinical Research in Pediatric Endocrinology, 2019, 11, 88-93.	0.9	3
31	Hypoglycemia-Associated Autonomic Failure in Diabetes. Contemporary Endocrinology, 2018, , 183-199.	0.1	1
32	SAT-LB085 First Report of Burosumab (Anti-FGF23 Monoclonal Antibody) for Rickets Complicating HRAS-Associated Cutaneous Skeletal Hypophosphatemia Syndrome. Journal of the Endocrine Society, 2019, 3, .	0.2	1