Nicole S Glaser

List of Publications by Year
in descending order

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70	4,577	182225	116156
papers	citations	30 h-index	66 g-index

73	73	73	3014
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association of Acute Kidney Injury During Diabetic Ketoacidosis With Risk of Microalbuminuria in Children With Type 1 Diabetes. JAMA Pediatrics, 2022, 176, 169.	3.3	16
2	Feasibility and Impact of Remote Glucose Monitoring Among Patients With Newly Diagnosed Type 1 Diabetes: Single-Center Pilot Study. JMIR Diabetes, 2022, 7, e33639.	0.9	5
3	Multimodal neuroimaging in pediatric type 1 diabetes: a pilot multisite feasibility study of acquisition quality, motion, and variability. , 2022, , .		1
4	Effects of TRAM-34 and minocycline on neuroinflammation caused by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2022, 10, e002777.	1.2	2
5	Effects of Fluid Rehydration Strategy on Correction of Acidosis and Electrolyte Abnormalities in Children With Diabetic Ketoacidosis. Diabetes Care, 2021, 44, 2061-2068.	4.3	8
6	Serum Sodium Concentration and Mental Status in Children With Diabetic Ketoacidosis. Pediatrics, 2021, 148, .	1.0	4
7	Enroller Experience and Parental Familiarity of Disease Influence Participation in a Pediatric Trial. Western Journal of Emergency Medicine, 2021, 22, 1176-1182.	0.6	2
8	Diabetic ketoacidosis causes chronic elevation in renal C-C motif chemokine ligand 5. Endocrine, 2021, , 1.	1.1	1
9	Patient Perspectives on Use of Video Telemedicine for Type 1 Diabetes Care in the United States during the COVID-19 Pandemic. Endocrines, 2021, 2, 449-456.	0.4	16
10	Home-based video visits for pediatric patients with poorly controlled type 1 diabetes. Journal of Telemedicine and Telecare, 2020, 26, 349-355.	1.4	25
11	Home Visits for Children and Adolescents with Uncontrolled Type 1 Diabetes. Diabetes Technology and Therapeutics, 2020, 22, 34-41.	2.4	27
12	Cognitive Function Following Diabetic Ketoacidosis in Children With New-Onset or Previously Diagnosed Type 1 Diabetes. Diabetes Care, 2020, 43, 2768-2775.	4.3	44
13	Diabetic ketoacidosis. Nature Reviews Disease Primers, 2020, 6, 40.	18.1	165
14	Thoughts on the Association Between Sleep and Obesity. Pediatrics, 2020, 145, e20193676.	1.0	1
15	Frequency and Risk Factors of Acute Kidney Injury During Diabetic Ketoacidosis in Children and Association With Neurocognitive Outcomes. JAMA Network Open, 2020, 3, e2025481.	2.8	44
16	Hypertension during Diabetic Ketoacidosis in Children. Journal of Pediatrics, 2020, 223, 156-163.e5.	0.9	14
17	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2020, 8, .	1.2	3
18	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2020, 8, e001793.	1.2	15

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19	Fluid treatment for children with diabetic ketoacidosis: How do the results of the pediatric emergency care applied research network Fluid Therapies Under Investigation in Diabetic Ketoacidosis (FLUID) Trial change our perspective?. Pediatric Diabetes, 2019, 20, 10-14.	1.2	8
20	Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis. New England Journal of Medicine, 2018, 379, 1181-1184.	13.9	3
21	ISPAD Clinical Practice Consensus Guidelines 2018: Diabetic ketoacidosis and the hyperglycemic hyperosmolar state. Pediatric Diabetes, 2018, 19, 155-177.	1.2	455
22	Clinical Trial of Fluid Infusion Rates for Pediatric Diabetic Ketoacidosis. New England Journal of Medicine, 2018, 378, 2275-2287.	13.9	151
23	Treatment with the KCa3.1 inhibitor TRAM-34 during diabetic ketoacidosis reduces inflammatory changes in the brain. Pediatric Diabetes, 2017, 18, 356-366.	1.2	18
24	Circulating matrix metalloproteinases in children with diabetic ketoacidosis. Pediatric Diabetes, 2017, 18, 95-102.	1.2	18
25	Histological and cognitive alterations in adult diabetic rats following an episode of juvenile diabetic ketoacidosis: Evidence of permanent cerebral injury. Neuroscience Letters, 2017, 650, 161-167.	1.0	8
26	Weighing the Causal Evidence That Associates Short Sleep Duration With Obesity. Pediatrics, 2017, 140, e20172015.	1.0	3
27	Regional Brain Water Content and Distribution During Diabetic Ketoacidosis. Journal of Pediatrics, 2017, 180, 170-176.	0.9	20
28	Resolution of Gravesâ€™ disease after renal transplantation. Pediatric Transplantation, 2016, 20, 590-593.	0.5	1
29	Diabetic ketoacidosis in juvenile rats is associated with reactive gliosis and activation of microglia in the hippocampus. Pediatric Diabetes, 2016, 17, 127-139.	1.2	34
30	Levels of S100B in brain and blood of rats with diabetic ketoacidosis. Brain Research, 2015, 1624, 536-544.	1.1	5
31	Hydration status moderates the effects of drinking water on children's cognitive performance. Appetite, 2015, 95, 520-527.	1.8	28
32	Brain cell swelling during hypocapnia increases with hyperglycemia or ketosis. Pediatric Diabetes, 2014, 15, 484-493.	1.2	10
33	Diabetic ketoacidosis and hyperglycemic hyperosmolar state. Pediatric Diabetes, 2014, 15, 154-179.	1.2	295
34	Cerebral Hyperemia Measured with Near Infrared Spectroscopy during Treatment of Diabetic Ketoacidosis in Children. Journal of Pediatrics, 2013, 163, 1111-1116.	0.9	25
35	Pediatric diabetic ketoacidosis, fluid therapy, and cerebral injury: the design of a factorial randomized controlled trial. Pediatric Diabetes, 2013, 14, 435-446.	1.2	57
36	Subclinical Cerebral Edema in Children With Diabetic Ketoacidosis Randomized to 2 Different Rehydration Protocols. Pediatrics, 2013, 131, e73-e80.	1.0	45

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37	Effects of Hyperglycemia and Effects of Ketosis on Cerebral Perfusion, Cerebral Water Distribution, and Cerebral Metabolism. Diabetes, 2012, 61, 1831-1837.	0.3	44
38	Cognitive dysfunction associated with diabetic ketoacidosis in rats. Neuroscience Letters, 2012, 510, 110-114.	1.0	16
39	Insulin administration for treatment of pediatric diabetic ketoacidosis: Are lower rates of infusion beneficial?*. Pediatric Critical Care Medicine, 2011, 12, 217-219.	0.2	8
40	Detecting and treating hyperlipidemia in children with type 1 diabetes mellitus: are standard guidelines applicable to this special population?*. Pediatric Diabetes, 2011, 12, 442-459.	1.2	13
41	Hyperglycemic Hyperosmolar Syndrome in Children: Pathophysiological Considerations and Suggested Guidelines for Treatment. Journal of Pediatrics, 2011, 158, 9-14.e2.	0.9	110
42	Diabetic Ketoacidosis and Memory Dysfunction in Children with TypeÂ1ÂDiabetes. Journal of Pediatrics, 2010, 156, 109-114.	0.9	109
43	Cerebral Metabolic Alterations in Rats With Diabetic Ketoacidosis. Diabetes, 2010, 59, 702-709.	0.3	42
44	Hyponatremia in Pediatric Diabetic Ketoacidosis: Reevaluating the Correction Factor for Hyperglycemia. JAMA Pediatrics, 2009, 163, 771-2.	3.6	12
45	Cerebral injury and cerebral edema in children with diabetic ketoacidosis: could cerebral ischemia and reperfusion injury be involved?. Pediatric Diabetes, 2009, 10, 534-541.	1.2	69
46	DKA-related cerebral edema and intravenous fluid therapy: Potential pitfalls of uncontrolled retrospective studies. Journal of Pediatrics, 2008, 152, 145.	0.9	1
47	Correlation of Clinical and Biochemical Findings with Diabetic Ketoacidosisâ€“Related Cerebral Edema in Children Using Magnetic Resonance Diffusion-Weighted Imaging. Journal of Pediatrics, 2008, 153, 541-546.e1.	0.9	87
48	Predicting the Likelihood of Remission in Children With Gravesâ€™ Disease: A Prospective, Multicenter Study. Pediatrics, 2008, 121, e481-e488.	1.0	108
49	Prolonged QT Interval Corrected for Heart Rate During Diabetic Ketoacidosis in Children. JAMA Pediatrics, 2008, 162, 544.	3.6	35
50	Cerebral Blood Flow and Cerebral Edema in Rats With Diabetic Ketoacidosis. Diabetes, 2008, 57, 2588-2594.	0.3	77
51	Elevated serum amylase and lipase in pediatric diabetic ketoacidosis*. Pediatric Critical Care Medicine, 2008, 9, 418-422.	0.2	36
52	Evidence of Increased Inflammation and Microcirculatory Abnormalities in Patients With Type 1 Diabetes and Their Role in Microvascular Complications. Diabetes, 2007, 56, 2790-2796.	0.3	158
53	Imaging of the brain in children with type I diabetes mellitus. Pediatric Radiology, 2007, 37, 863-869.	1.1	15
54	Frequency of sub-clinical cerebral edema in children with diabetic ketoacidosis. Pediatric Diabetes, 2006, 7, 75-80.	1.2	155

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55	Diabetic ketoacidosis in infants, children, and adolescents: A consensus statement from the American Diabetes Association. Diabetes Care, 2006, 29, 1150-9.	4.3	181
56	New perspectives on the pathogenesis of cerebral edema complicating diabetic ketoacidosis in children. Pediatric Endocrinology Reviews, 2006, 3, 379-86.	1.2	10
57	Ventilation in pediatric diabetic ketoacidosis???Not too much, but not too little*. Pediatric Critical Care Medicine, 2005, 6, 489-490.	0.2	10
58	Pediatric Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State. Seminars in Pediatric Neurology, 2005, 12, 187-198.	1.0	0
59	Bumetanide Reduces Cerebral Edema Formation in Rats With Diabetic Ketoacidosis. Diabetes, 2005, 54, 510-516.	0.3	67
60	Pediatric Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State. Pediatric Clinics of North America, 2005, 52, 1611-1635.	0.9	17
61	Detection of cerebral {beta}-hydroxy butyrate, acetoacetate, and lactate on proton MR spectroscopy in children with diabetic ketoacidosis. American Journal of Neuroradiology, 2005, 26, 1286-91.	1.2	41
62	European Society for Paediatric Endocrinology/Lawson Wilkins Pediatric Endocrine Society Consensus Statement on Diabetic Ketoacidosis in Children and Adolescents. Pediatrics, 2004, 113, e133-e140.	1.0	254
63	Benefits of an Insulin Dosage Calculation Device for Adolescents with Type 1 Diabetes Mellitus. Journal of Pediatric Endocrinology and Metabolism, 2004, 17, 1641-51.	0.4	31
64	Mechanism of cerebral edema in children with diabetic ketoacidosis. Journal of Pediatrics, 2004, 145, 164-171.	0.9	240
65	The Evaluation and Management of Children With Diabetic Ketoacidosis in the Emergency Department. Pediatric Emergency Care, 2004, 20, 477-481.	0.5	14
66	Factors associated with adverse outcomes in children with diabetic ketoacidosis-related cerebral edema. Journal of Pediatrics, 2002, 141, 793-797.	0.9	135
67	Risk Factors for Cerebral Edema in Children with Diabetic Ketoacidosis. New England Journal of Medicine, 2001, 344, 264-269.	13.9	727
68	Cerebral edema in children with diabetic ketoacidosis. Current Diabetes Reports, 2001, 1, 41-46.	1.7	20
69	Variation in the Management of Pediatric Diabetic Ketoacidosis by Specialty Training. JAMA Pediatrics, 1997, 151, 1125.	3.6	45
70	Predictors of Early Remission of Hyperthyroidism in Children1. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1719-1726.	1.8	113