James M Hempe

List of Publications by Year
in descending order

49 papers	1,772 citations	331670 21 h-index	276875 41 g-index
49 all docs	49 docs citations	49 times ranked	1514 citing authors

#	Article	IF	Citations
1	Variation in the hemoglobin glycation index. Journal of Diabetes and Its Complications, 2022, 36, 108223.	2.3	16
2	Standardizing the haemoglobin glycation index. Endocrinology, Diabetes and Metabolism, 2021, 4, e00299.	2.4	16
3	Associations Between Depressive Symptoms, Fear of Hypoglycemia, Adherence to Management Behaviors and Metabolic Control in Children and Adolescents with Type 1 Diabetes. Journal of Clinical Psychology in Medical Settings, 2020, 27, 385-395.	1.4	9
4	Implications of the Hemoglobin Glycation Index on the Diagnosis of Prediabetes and Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e130-e138.	3.6	22
5	Racial differences in neighborhood disadvantage, inflammation and metabolic control in black and white pediatric type 1 diabetes patients. Pediatric Diabetes, 2017, 18, 120-127.	2.9	31
6	Differences in Red Blood Cell Indices Do Not Explain Racial Disparity in Hemoglobin A1c in Children with Type 1 Diabetes. Journal of Pediatrics, 2016, 176, 197-199.	1.8	12
7	Response to Comment on Hempe et al. The Hemoglobin Glycation Index Identifies Subpopulations With Harms or Benefits From Intensive Treatment in the ACCORD Trial. Diabetes Care 2015;38:1067â€“1074. Diabetes Care, 2015, 38, e172-e173.	8.6	5
8	Association between Inflammation and Biological Variation in Hemoglobin A1c in U.S. Nondiabetic Adults. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 2364-2371.	3.6	70
9	The Hemoglobin Glycation Index Identifies Subpopulations With Harms or Benefits From Intensive Treatment in the ACCORD Trial. Diabetes Care, 2015, 38, 1067-1074.	8.6	133
10	Simultaneous analysis of reduced glutathione and glutathione disulfide by capillary zone electrophoresis. Electrophoresis, 2014, 35, 967-971.	2.4	14
11	Two-dimensional analysis of glycated hemoglobin heterogeneity in pediatric type 1 diabetes patients. Analytical Biochemistry, 2013, 442, 205-212.	2.4	9
12	Advanced Glycation Endproducts in Children with Diabetes. Journal of Pediatrics, 2013, 163, 1427-1431.	1.8	17
13	Biological Variation and Hemoglobin A1c: Relevance to Diabetes Management and Complications. Pediatric Diabetes, 2013, 14, 391-398.	2.9	18
14	Economic burden of hypoglycemia in patients with Type 2 diabetes. Expert Review of Pharmacoeconomics and Outcomes Research, 2012, 12, 47-51.	1.4	31
15	Characterization of unstable hemoglobin A1c complexes by dynamic capillary isoelectric focusing. Analytical Biochemistry, 2012, 424, 149-155.	2.4	12
16	Skin Intrinsic Fluorescence Is Associated With Hemoglobin A 1c and Hemoglobin Glycation Index but Not Mean Blood Glucose in Children With Type 1 Diabetes. Diabetes Care, 2011, 34, 1816-1820.	8.6	51
17	Comment on: Wilson et al. Persistence of Individual Variations in Glycated Hemoglobin: Analysis of Data From the Juvenile Diabetes Research Foundation Continuous Glucose Monitoring Randomized Trial. Diabetes Care 2011;34:1315â€“1317. Diabetes Care, 2011, 34, e170-e170.	8.6	4
18	Hemoglobin glycation index: a robust measure of hemoglobin A1c bias in pediatric type 1 diabetes patients. Pediatric Diabetes, 2010, 11, 455-461.	2.9	59

#	Article	IF	Citations
19	Racial Disparity in A1C Independent of Mean Blood Glucose in Children With Type 1 Diabetes. Diabetes Care, 2010, 33, 1025-1027.	8.6	88
20	Estimated Average Glucose and Self-Monitored Mean Blood Glucose Are Discordant Estimates of Glycemic Control. Diabetes Care, 2010, 33, 1449-1451.	8.6	40
21	Labile A1C Is Inversely Correlated With the Hemoglobin Glycation Index in Children With Type 1 Diabetes. Diabetes Care, 2010, 33, 273-274.	8.6	11
22	Clinically Significant Disagreement between Mean Blood Glucose and Estimated Average Glucose in Two Populations: Implications for Diabetes Management. Journal of Diabetes Science and Technology, 2009, 3, 1128-1135.	2.2	16
23	Analysis of murine S-glutathionyl hemoglobins and beta globin haplotype by dynamic capillary isoelectric focusing. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3462-3466.	2.3	4
24	Characterization of S-glutathionyl Hemoglobin in Homozygous Sickle Cell Disease. Journal of Pediatric Hematology/Oncology, 2009, 31, 895-900.	0.6	3
25	Caveats regarding the use of HbA1c for prediction of mean blood glucose. Diabetologia, 2008, 51, 903-904.	6.3	13
26	Tracking of blood pressure and its impact on graft function in pediatric renal transplant patients. Pediatric Transplantation, 2007, 11, 860-867.	1.0	26
27	Genetic variation in mouse beta globin cysteine content modifies glutathione metabolism: implications for the use of mouse models. Experimental Biology and Medicine, 2007, 232, 437-44.	2.4	16
28	Mean Blood Glucose and Biological Variation Have Greater Influence on HbA1c Levels Than Glucose Instability: An analysis of data from the Diabetes Control and Complications Trial. Diabetes Care, 2006, 29, 352-355.	8.6	114
29	Effect of Long-Term Helicobacter felis Infection in a Mouse Model of Streptozotocin-Induced Diabetes. Helicobacter, 2005, 10, 586-591.	3.5	3
30	Advanced glycation end-products in sickle cell anaemia. British Journal of Haematology, 2005, 128, 112-118.	2.5	34
31	A comparison of the Glycosylation Gap and Hemoglobin Glycation Index in patients with diabetes. Journal of Diabetes and Its Complications, 2005, 19, 218-222.	2.3	35
32	Biological Variation in HbA1c Predicts Risk of Retinopathy and Nephropathy in Type 1 Diabetes. Diabetes Care, 2004, 27, 1259-1264.	8.6	222
33	Diagnosis and Characterization of Hb C/Hb Iowa: A Rare but Easily Misidentified Compound Heterozygous Condition. Hemoglobin, 2004, 28, 7-13.	0.8	4
34	Dna Sequence of Hb Iowa. Hemoglobin, 2004, 28, 275-276.	0.8	0
35	Acute and chronic inflammation in pediatric patients receiving hemodialysis. Journal of Pediatrics, 2003, 143, 653-657.	1.8	60
36	Association betweenHelicobacter felisâ€“Induced Gastritis and Elevated Glycated Hemoglobin Levels in a Mouse Model of Type 1 Diabetes. Journal of Infectious Diseases, 2002, 185, 1463-1467.	4.0	7

#	Article	IF	Citations
37	High and low hemoglobin glycation phenotypes in type 1 diabetes. Journal of Diabetes and Its Complications, 2002, 16, 313-320.	2.3	216
38	Clinical Analysis of Structural Hemoglobin Variants and Hb A1c, by Capillary Isoelectric Focusing. , 2001, , 145-163.		3
39	Separation of hemoglobin variants with similar charge by capillary isoelectric focusing: Value of isoelectric point for identification of common and uncommon hemoglobin variants. Electrophoresis, 2000, 21, 743-748.	2.4	37
40	Effect of Transfusion on Hemoglobin Variants in Preterm Infants. Journal of Perinatology, 2000, 20, 355-358.	2.0	8
41	Predictors of glycemic control in children with Type 1 diabetes. Journal of Diabetes and Its Complications, 2000, 14, 71-77.	2.3	51
42	Laboratory Diagnosis of Structural Hemoglobinopathies and Thalassemias by Capillary Isoelectric Focusing. , 1999, 27, 81-98.		9
43	Longitudinal Analysis of Plasma Cytomegalovirus DNA in a Child with Crohn's Disease and Cytomegalovirus Gastroenteritis. Journal of Pediatric Gastroenterology and Nutrition, 1999, 28, 502-505.	1.8	8
44	Hemoglobin A₂Levels in Healthy Persons, Sickle Cell Disease, Sickle Cell Trait, and Î²-Thalassemia by Capillary Isoelectric Focusing. American Journal of Clinical Pathology, 1997, 107, 88-91.	0.7	25
45	Capillary isoelectric focusing of hemoglobin variants in the pediatric clinical laboratory. Electrophoresis, 1997, 18, 1785-1795.	2.4	55
46	Decreased zinc absorption in guinea pig models of acute and chronic ileitis. Journal of Nutritional Biochemistry, 1995, 6, 534-539.	4.2	0
47	Expression of Cysteine-Rich Intestinal Protein in Rat Intestine and Transfected Cells Is Not Zinc Dependent. Journal of Nutrition, 1994, 124, 13-17.	2.9	13
48	Cysteine-Rich Intestinal Protein and Intestinal Metallothionein: An Inverse Relationship as a Conceptual Model for Zinc Absorption in Rats. Journal of Nutrition, 1992, 122, 89-95.	2.9	89
49	Intestinal Metallothionein Gene Expression and Zinc Absorption in Rats Are Zinc-Responsive but Refractory to Dexamethasone and Interleukin 1Î±. Journal of Nutrition, 1991, 121, 1389-1396.	2.9	33