

# Randie R Little

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89 papers	4,804 citations	33 h-index	68 g-index
92 ext. papers	5,341 ext. citations	6.3 avg, IF	5.28 L-index

#	Paper	IF	Citations
89	Defining the relationship between plasma glucose and HbA(1c): analysis of glucose profiles and HbA(1c) in the Diabetes Control and Complications Trial. <i>Diabetes Care</i> , <b>2002</b> , 25, 275-8	14.6	750
88	IFCC reference system for measurement of hemoglobin A1c in human blood and the national standardization schemes in the United States, Japan, and Sweden: a method-comparison study. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 166-74	5.5	504
87	Tests of glycemia in diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27, 1761-73	14.6	432
86	Status of hemoglobin A1c measurement and goals for improvement: from chaos to order for improving diabetes care. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 205-14	5.5	212
85	A review of variant hemoglobins interfering with hemoglobin A1c measurement. <i>Journal of Diabetes Science and Technology</i> , <b>2009</b> , 3, 446-51	4.1	165
84	Tests of glycemia in diabetes. <i>Diabetes Care</i> , <b>2004</b> , 27 Suppl 1, S91-3	14.6	161
83	The IFCC Reference Measurement System for HbA1c: a 6-year progress report. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 240-8	5.5	146
82	What is hemoglobin A1c? An analysis of glycosylated hemoglobins by electrospray ionization mass spectrometry. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 1951-1958	5.5	144
81	Biological Variation of Glycohemoglobin. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 1116-1118	5.5	130
80	Glycosylated hemoglobin standardization--National Glycohemoglobin Standardization Program (NGSP) perspective. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2003</b> , 41, 1191-8	5.9	121
79	Effects of hemoglobin (Hb) E and HbD traits on measurements of glycosylated Hb (HbA1c) by 23 methods. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1277-82	5.5	106
78	Tests of glycemia in diabetes. <i>Diabetes Care</i> , <b>2003</b> , 26 Suppl 1, S106-8	14.6	95
77	Hemoglobin A1c measurements over nearly two decades: sustaining comparable values throughout the Diabetes Control and Complications Trial and the Epidemiology of Diabetes Interventions and Complications study. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 753-8	5.5	91
76	Trends in hyperinsulinemia among nondiabetic adults in the U.S. <i>Diabetes Care</i> , <b>2006</b> , 29, 2396-402	14.6	89
75	HbA1c: how do we measure it and what does it mean?. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , <b>2009</b> , 16, 113-8	4	80
74	Global standardization of glycosylated hemoglobin measurement: the position of the IFCC Working Group. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2007</b> , 45, 1077-80	5.9	80
73	Trends in A1C concentrations among U.S. adults with diagnosed diabetes from 1999 to 2004. <i>Diabetes Care</i> , <b>2008</b> , 31, 102-4	14.6	77

72	Effects of hemoglobin C and S traits on glycohemoglobin measurements by eleven methods. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 776-8	5.5	76
71	The long and winding road to optimal HbA1c measurement. <i>Clinica Chimica Acta</i> , <b>2013</b> , 418, 63-71	6.2	71
70	Standardization of C-peptide measurements. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1023-6	5.5	66
69	Statistical methods for monitoring the relationship between the IFCC reference measurement procedure for hemoglobin A1c and the designated comparison methods in the United States, Japan, and Sweden. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1379-85	5.5	66
68	The effect of elevated fetal hemoglobin on hemoglobin A1c results: five common hemoglobin A1c methods compared with the IFCC reference method. <i>American Journal of Clinical Pathology</i> , <b>2008</b> , 129, 811-4	1.9	65
67	Effects of hemoglobin C, D, E, and S traits on measurements of HbA1c by six methods. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 819-21	6.2	59
66	Investigation of 2 models to set and evaluate quality targets for hb a1c: biological variation and sigma-metrics. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 752-9	5.5	52
65	Validation by a mass spectrometric reference method of use of boronate affinity chromatography to measure glycohemoglobin in the presence of hemoglobin S and C traits. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 264-5	5.5	51
64	Effects of hemoglobin C and S traits on the results of 14 commercial glycated hemoglobin assays. <i>American Journal of Clinical Pathology</i> , <b>2008</b> , 130, 136-40	1.9	47
63	Effects of 49 Different Rare Hb Variants on HbA1c Measurement in Eight Methods. <i>Journal of Diabetes Science and Technology</i> , <b>2015</b> , 9, 849-56	4.1	42
62	Effects of sample storage conditions on glycated hemoglobin measurement: evaluation of five different high performance liquid chromatography methods. <i>Diabetes Technology and Therapeutics</i> , <b>2007</b> , 9, 36-42	8.1	41
61	Effects of Hemoglobin C and S Traits on Eight Glycohemoglobin Methods. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 383-385	5.5	41
60	The National Glycohemoglobin Standardization Program: Over 20 Years of Improving Hemoglobin A Measurement. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 839-848	5.5	41
59	Measurement of Hba(1C) in patients with chronic renal failure. <i>Clinica Chimica Acta</i> , <b>2013</b> , 418, 73-6	6.2	37
58	Determination of glycated hemoglobin in patients with advanced liver disease. <i>World Journal of Gastroenterology</i> , <b>2004</b> , 10, 2284-6	5.6	35
57	Can Glycohemoglobin Be Used to Assess Glycemic Control in Patients with Chronic Renal Failure?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 784-786	5.5	34
56	Effects of hemoglobin C, D, E and S traits on measurements of hemoglobin A1c by twelve methods. <i>Clinica Chimica Acta</i> , <b>2016</b> , 455, 80-3	6.2	33
55	EurA1c: The European HbA1c Trial to Investigate the Performance of HbA1c Assays in 2166 Laboratories across 17 Countries and 24 Manufacturers by Use of the IFCC Model for Quality Targets. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 1183-1192	5.5	32

54	Effects of Hemoglobin C and S Traits on Seven Glycohemoglobin Methods. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 864-867	5.5	28
53	International comparison of C-peptide measurements. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 784-7	5.5	26
52	Implementing a Reference Measurement System for C-Peptide: Successes and Lessons Learned. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1447-1456	5.5	24
51	Hypoglycemia in People with Type 2 Diabetes and CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2019</b> , 14, 844-853	6.9	20
50	Point-of-care assays for hemoglobin A(1c): is performance adequate?. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1333-4	5.5	19
49	Determination of glycated hemoglobin in clinically silent hemoglobin variants. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2004</b> , 20, 460-5	7.5	19
48	Recent advances in glycosylated hemoglobin measurements. <i>CRC Critical Reviews in Clinical Laboratory Sciences</i> , <b>1984</b> , 21, 187-228		19
47	Development of the Diabetes Technology Society Blood Glucose Monitor System Surveillance Protocol. <i>Journal of Diabetes Science and Technology</i> , <b>2016</b> , 10, 697-707	4.1	19
46	Use of cation exchange chromatography for human C-peptide isotope dilution - mass spectrometric assay. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 9244-9	4.5	18
45	The effect of increased fetal hemoglobin on 7 common Hb A1c assay methods. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 945-7	5.5	16
44	Endocrine (standardization of glycohemoglobin measurement). <i>Analytical Chemistry</i> , <b>1995</b> , 67, 393R-397R	4.8	16
43	Effects of hemoglobin C and S traits on eight glycohemoglobin methods. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 383-5	5.5	14
42	Comparing analytic performance criteria: evaluation of HbA1c certification criteria as an example. <i>Clinica Chimica Acta</i> , <b>2014</b> , 433, 259-63	6.2	13
41	Effects of whole blood storage on hemoglobin a1c measurements with five current assay methods. <i>Diabetes Technology and Therapeutics</i> , <b>2012</b> , 14, 271-5	8.1	13
40	Testing for microalbuminuria in 2002: barriers to implementing current guidelines. <i>American Journal of Kidney Diseases</i> , <b>2003</b> , 42, 245-8	7.4	13
39	Multicentre evaluation of the Premier Hb9210 HbA1c analyser. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 319-27	5.9	12
38	Challenges in developing endpoints for type 1 diabetes intervention studies. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2009</b> , 25, 694-704	7.5	12
37	Monitoring glycemia in diabetes. Short-term assessment. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>1997</b> , 26, 475-86	5.5	12

36	Continuous Glucose Monitoring and Use of Alternative Markers To Assess Glycemia in Chronic Kidney Disease. <i>Diabetes Care</i> , <b>2020</b> , 43, 2379-2387	14.6	12
35	Recognition of rare hemoglobin variants by hemoglobin A measurement procedures. <i>Clinica Chimica Acta</i> , <b>2018</b> , 476, 67-74	6.2	12
34	Measurement of Hemoglobin A1c in Patients With Sickle Cell Trait. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 317, 2237	27.4	11
33	Usefulness of glycated albumin assay for diabetes monitoring. <i>Journal of Diabetes Science and Technology</i> , <b>2011</b> , 5, 1463-5	4.1	11
32	Human C-peptide Quantitation by LC-MS Isotope-Dilution Assay in Serum or Urine Samples. <i>Journal of Chromatography &amp; Separation Techniques</i> , <b>2013</b> , 4,		11
31	Two-step ion-exchange chromatographic purification combined with reversed-phase chromatography to isolate C-peptide for mass spectrometric analysis. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 676-81	3.4	10
30	Higher degree of glycation of hemoglobin S compared to hemoglobin A measured by mass spectrometry: Potential impact on HbA1c testing. <i>Clinica Chimica Acta</i> , <b>2016</b> , 458, 40-3	6.2	10
29	HbA1c Standardization: Background, Progress and Current Issues. <i>Laboratory Medicine</i> , <b>2009</b> , 40, 368-373	1.6	9
28	Can glycohemoglobin be used to assess glycemic control in patients with chronic renal failure?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 784-6	5.5	9
27	Effects of beta thalassemia minor on results of six glycated hemoglobin methods. <i>Clinica Chimica Acta</i> , <b>2004</b> , 350, 123-8	6.2	8
26	Comparison of hemoglobin A1c measurements of samples with elevated fetal hemoglobin by three commercial assays. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1712-3	6.2	7
25	Long-term Glucose Monitoring With Glycated Proteins. <i>Laboratory Medicine</i> , <b>1992</b> , 23, 533-538	1.6	7
24	Accuracy and Precision of a Point-of-Care HbA1c Test. <i>Journal of Diabetes Science and Technology</i> , <b>2020</b> , 14, 883-889	4.1	7
23	Validation of the Use of Trinity Biotech ultra2 as a Comparative Method for Hemoglobin A1c Measurements in the Presence of HbE and HbD-Punjab Traits. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 608-610	5.5	6
22	Prevalence of Rare Hemoglobin Variants Identified During Measurements of Hb A by Capillary Electrophoresis. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1901-1902	5.5	6
21	Implementing a Reference Measurement System for C-Peptide: An Addendum. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1904-1905	5.5	5
20	Evaluation of hemoglobin A1c measurement by Capillarys 2 electrophoresis for detection of abnormal glucose tolerance in African immigrants to the United States. <i>Clinica Chimica Acta</i> , <b>2015</b> , 446, 54-60	6.2	5
19	Effects of hemoglobin C and S traits on Tosoh G8 and Siemens Advia HbA1c assays. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 779-80	6.2	5

18	Analysis of the accuracy and precision of the Axis-Shield Afinion hemoglobin A1c measurement device. <i>Journal of Diabetes Science and Technology</i> , <b>2012</b> , 6, 387-8	4.1	5
17	The importance of precision for hemoglobin A1c measurement. <i>Diabetes Technology and Therapeutics</i> , <b>2003</b> , 5, 979-81	8.1	5
16	Multicenter assessment of a hemoglobin A1c point-of-care device for diagnosis of diabetes mellitus. <i>Clinical Biochemistry</i> , <b>2018</b> , 61, 18-22	3.5	5
15	Evaluation of interference from hemoglobin C, D, E and S traits on measurements of hemoglobin A1c by fifteen methods. <i>Clinica Chimica Acta</i> , <b>2021</b> , 522, 31-35	6.2	5
14	Analytical goals for HbA1c: are HbA1c results good enough for optimal use?. <i>Journal of Diabetes</i> , <b>2011</b> , 3, 3-6	3.8	4
13	Analysis: point-of-care testing for glycated hemoglobin (GHB). <i>Diabetes Technology and Therapeutics</i> , <b>2005</b> , 7, 913-5	8.1	4
12	Assessing quality from an accuracy-based HbA1c proficiency survey. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, e75-6	5.9	3
11	Isotope dilution assay in peptide quantification: the challenge of microheterogeneity of internal standard. <i>Proteomics - Clinical Applications</i> , <b>2013</b> , 7, 825-8	3.1	3
10	Quantitation of glycated albumin by isotope dilution mass spectrometry. <i>Clinica Chimica Acta</i> , <b>2021</b> , 521, 215-222	6.2	3
9	Comment on Lewis et al. Management of Hemoglobin Variants Detected Incidentally in HbA Testing: A Common Problem Currently Lacking a Standard Approach. <i>Diabetes Care</i> 2017;40:e8-e9. <i>Diabetes Care</i> , <b>2017</b> , 40, e149	14.6	2
8	HbA(1c): what do the numbers really mean?. <i>Lancet, The</i> , <b>2011</b> , 378, 1068-9; author reply 1069-70	4.0	2
7	Analysis of point-of-care and over-the-counter testing methods for hemoglobin A1c: how good do they need to be?. <i>Journal of Diabetes Science and Technology</i> , <b>2010</b> , 4, 1504-6	4.1	2
6	Quality of HbA1c Measurement in Trinidad and Tobago. <i>Journal of Diabetes Science and Technology</i> , <b>2016</b> , 10, 768-71	4.1	1
5	Commentary. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 156	5.5	
4	Clinical Laboratory Reference Networks <b>2003</b> , 160-165		
3	Clinical Laboratory Reference Networks. <i>Accreditation and Quality Assurance</i> , <b>2004</b> , 9, 18-23	0.7	
2	Laboratory testing for glycated hemoglobin in the general community: are we following the clinical recommendations?. <i>Diabetes Technology and Therapeutics</i> , <b>2002</b> , 4, 859-61	8.1	
1	Comments on Deng, et al: The potential for Isotope dilution-LC-MS/MS to improve laboratory measurement of c-peptide; reasons and critical determinants.. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , <b>2021</b> , 22, 79-80		

