

# Andrea Mosca

## List of Publications by Citations

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49  
papers

1,893  
citations

18  
h-index

43  
g-index

52  
ext. papers

2,122  
ext. citations

4.3  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
49	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
48	Approved IFCC reference method for the measurement of HbA1c in human blood. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2002</b> , 40, 78-89	5.9	415
47	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
46	Reference intervals for hemoglobin A1c in pregnant women: data from an Italian multicenter study. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 1138-43	5.5	97
45	Global standardization of glycated 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
44	Performance characteristics and clinical utility of an enzymatic method for the measurement of glycated albumin in plasma. <i>Clinical Biochemistry</i> , <b>2007</b> , 40, 1398-405	3.5	76
43	The analytical goals for hemoglobin A(1c) measurement in IFCC units and National Glycohemoglobin Standardization Program Units are different. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1204-6	5.5	67
42	The importance of HbA1c and glucose variability in patients with type 1 and type 2 diabetes: outcome of continuous glucose monitoring (CGM). <i>Acta Diabetologica</i> , <b>2012</b> , 49 Suppl 1, S153-60	3.9	53
41	Reevaluation of biological variation of glycated hemoglobin (HbA(1c)) using an accurately designed protocol and an assay traceable to the IFCC reference system. <i>Clinica Chimica Acta</i> , <b>2011</b> , 412, 1412-6	6.2	42
40	The relevance of hemoglobin F measurement in the diagnosis of thalassemias and related hemoglobinopathies. <i>Clinical Biochemistry</i> , <b>2009</b> , 42, 1797-801	3.5	38
39	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
38	PDCD10 gene mutations in multiple cerebral cavernous malformations. <i>PLoS ONE</i> , <b>2014</b> , 9, e110438	3.7	30
37	New analytical tools and epidemiological data for the identification of HbA2 borderline subjects in the screening for beta-thalassemia. <i>Bioelectrochemistry</i> , <b>2008</b> , 73, 137-40	5.6	29
36	Evaluation of biological variation of glycated albumin (GA) and fructosamine in healthy subjects. <i>Clinica Chimica Acta</i> , <b>2013</b> , 423, 1-4	6.2	27
35	Glycemic control in the clinical management of diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 753-66	5.9	27
34	External quality assessment of hemoglobin A2 measurement: data from an Italian pilot study with fresh whole blood samples and commercial HPLC systems. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2007</b> , 45, 88-92	5.9	19
33	Recommendations for the implementation of international standardization of glycated hemoglobin in Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2010</b> , 48, 623-6	5.9	18

32	Biological variability of albumin excretion rate and albumin-to-creatinine ratio in hypertensive type 2 diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2003</b> , 41, 1229-33	5.9	18
31	Performance of glycated hemoglobin (HbA(1c)) methods evaluated with EQAS studies using fresh blood samples: Still space for improvements. <i>Clinica Chimica Acta</i> , <b>2015</b> , 451, 305-9	6.2	16
30	Effectiveness of citrate buffer-fluoride mixture in Terumo tubes as an inhibitor of in vitro glycolysis. <i>Biochemia Medica</i> , <b>2016</b> , 26, 68-76	2.5	14
29	Towards the development of a certified reference material for hemoglobin A2. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2010</b> , 48, 1611-8	5.9	13
28	Analytical evaluation of the Tosoh HLC-723 G7 automated HPLC analyzer for hemoglobin A2 and F determination. <i>Clinical Biochemistry</i> , <b>2005</b> , 38, 159-65	3.5	11
27	Multicenter evaluation of an enzymatic method for glycated albumin. <i>Clinica Chimica Acta</i> , <b>2017</b> , 469, 81-86	6.2	10
26	Possible role of fructosamine 3-kinase genotyping for the management of diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 1315-20	5.9	10
25	Genetic variability of the fructosamine 3-kinase gene in diabetic patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2011</b> , 49, 803-8	5.9	9
24	Developing a reference system for the IFCC standardization of HbA. <i>Clinica Chimica Acta</i> , <b>2017</b> , 467, 21-26	26.2	8
23	Clinical utility of fractionating erythrocytes into "Percoll" density gradients. <i>Advances in Experimental Medicine and Biology</i> , <b>1991</b> , 307, 227-38	3.6	8
22	Commutability of control materials in glycohemoglobin determinations. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 632-638	5.5	7
21	An evaluation of the Diamat HPLC analyser for simultaneous determination of haemoglobins A(2) and F. <i>Journal of Automated Methods and Management in Chemistry</i> , <b>1989</b> , 11, 273-9		7
20	Capture-based Next-Generation Sequencing Improves the Identification of Immunoglobulin/T-Cell Receptor Clonal Markers and Gene Mutations in Adult Acute Lymphoblastic Leukemia Patients Lacking Molecular Probes. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
19	Calibration by commutable control materials is able to reduce inter-method differences of current high-performance methods for HbA. <i>Clinica Chimica Acta</i> , <b>2018</b> , 477, 60-65	6.2	6
18	Analytical goals for the determination of HbA <sub>1c</sub> . <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 937-41	4.1	6
17	Fetal hemoglobin reactivation and cell engineering in the treatment of sickle cell anemia. <i>Journal of Blood Medicine</i> , <b>2011</b> , 2, 23-30	2.3	6
16	Inter-method differences and commutability of control materials for HbA <sub>2</sub> measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2000</b> , 38, 997-1002	5.9	6
15	Glycation gap: An additional tool for glycometabolic monitoring. <i>Clinica Chimica Acta</i> , <b>2016</b> , 463, 27-31	6.2	6

14	Experiences in the measurement of RBC-bound IgG as markers of cell age. <i>Bioelectrochemistry</i> , <b>2004</b> , 62, 175-9	5.6	5
13	Determination of HbA by quantitative bottom-up proteomics and isotope dilution mass spectrometry. <i>Clinica Chimica Acta</i> , <b>2018</b> , 487, 318-324	6.2	5
12	Correct determination of glycemia in the diagnosis and management of diabetes: Recommendations for the optimization of the pre-analytical phase. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2019</b> , 29, 1-3	4.5	3
11	Commutability of control materials in glycohemoglobin determinations. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 632-8	5.5	3
10	Role of fructosamine-3-kinase in protecting against the onset of microvascular and macrovascular complications in patients with T2DM. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	2
9	Feasibility of an EQAS for HbA1c in Italy using fresh blood samples. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, e151-3	5.9	2
8	Reactivation of fetal hemoglobin in thalassemia and sickle cell disease. <i>Thalassemia Reports</i> , <b>2014</b> , 4,	2	1
7	Albumina glicata. Un indice di controllo glicemico da rivalutare. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , <b>2012</b> , 8, 71-83	1.1	1
6	Standardization of the HbA Assay. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 29, 298-302	2.4	1
5	A roadmap for the standardization of hemoglobin A. <i>Clinica Chimica Acta</i> , <b>2021</b> , 512, 185-190	6.2	1
4	Sources and performance criteria of uncertainty of reference measurement procedures. <i>Clinical Biochemistry</i> , <b>2018</b> , 57, 29-36	3.5	1
3	Why glycated albumin decreases in pregnancy? Evidences from a prospective study on physiological pregnancies of Caucasian women. <i>Clinica Chimica Acta</i> , <b>2021</b> , 520, 217-218	6.2	1
2	Re-thinking diabetic nephropathy: Microalbuminuria is just a piece of the diagnostic puzzle. <i>Clinica Chimica Acta</i> , <b>2021</b> , 524, 146-146	6.2	0
1	The analytical performance of laboratory plasma glucose and HbA measurements are largely acceptable. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 215-219	3.9	0