

Mauro Panteghini

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.

298 papers	9,151 citations	49 h-index	83 g-index
325 ext. papers	10,421 ext. citations	4.8 avg, IF	6.44 L-index

#	Paper	IF	Citations
298	Recommendations for improving serum creatinine measurement: a report from the Laboratory Working Group of the National Kidney Disease Education Program. <i>Clinical Chemistry</i> , 2006 , 52, 5-18	5.5	912
297	Future biomarkers for detection of ischemia and risk stratification in acute coronary syndrome. <i>Clinical Chemistry</i> , 2005 , 51, 810-24	5.5	340
296	Evaluation of imprecision for cardiac troponin assays at low-range concentrations. <i>Clinical Chemistry</i> , 2004 , 50, 327-32	5.5	306
295	Defining analytical performance specifications: Consensus Statement from the 1st Strategic Conference of the European Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 833-5	5.9	274
294	Multicenter Evaluation of a 0-Hour/1-Hour Algorithm in the Diagnosis of Myocardial Infarction With High-Sensitivity Cardiac Troponin T. <i>Annals of Emergency Medicine</i> , 2016 , 68, 76-87.e4	2.1	214
293	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: analytical issues for biochemical markers of acute coronary syndromes. <i>Clinical Chemistry</i> , 2007 , 53, 547-51	5.5	168
292	Quality specifications for B-type natriuretic peptide assays. <i>Clinical Chemistry</i> , 2005 , 51, 486-93	5.5	161
291	Reference intervals for serum creatinine concentrations: assessment of available data for global application. <i>Clinical Chemistry</i> , 2008 , 54, 559-66	5.5	159
290	Biochemical markers for prediction of chemotherapy-induced cardiotoxicity: systematic review of the literature and recommendations for use. <i>American Journal of Clinical Pathology</i> , 2008 , 130, 688-95	1.9	137
289	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. International Federation of Clinical Chemistry and Laboratory Medicine. Part 4. Reference procedure for the measurement of catalytic concentration of alanine aminotransferase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 718-24	5.9	130
288	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. International Federation of Clinical Chemistry and Laboratory Medicine. Part 5. Reference procedure for the measurement of catalytic concentration of aspartate aminotransferase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 725-33	5.9	120
287	Reference intervals: the way forward. <i>Annals of Clinical Biochemistry</i> , 2009 , 46, 8-17	2.2	118
286	Serum human epididymis protein 4 vs carbohydrate antigen 125 for ovarian cancer diagnosis: a systematic review. <i>Journal of Clinical Pathology</i> , 2013 , 66, 273-81	3.9	112
285	Standardization of Cardiac Troponin I Assays: Round Robin of Ten Candidate Reference Materials. <i>Clinical Chemistry</i> , 2001 , 47, 431-437	5.5	102
284	Role and importance of biochemical markers in clinical cardiology. <i>European Heart Journal</i> , 2004 , 25, 1187-96	9.5	98
283	Hyperuricemia as risk factor for coronary heart disease incidence and mortality in the general population: a systematic review and meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 7-15	5.9	93
282	Criteria for assigning laboratory measurands to models for analytical performance specifications defined in the 1st EFLM Strategic Conference. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 189-194	5.9	87

281	Preanalytical quality improvement. In pursuit of harmony, on behalf of European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working group for Preanalytical Phase (WG-PRE). <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 357-70	5.9	83
280	Use of biochemical markers in acute coronary syndromes. IFCC Scientific Division, Committee on Standardization of Markers of Cardiac Damage. International Federation of Clinical Chemistry. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 687-93	5.9	82
279	Single-Point Cardiac Troponin T at Coronary Care Unit Discharge after Myocardial Infarction Correlates with Infarct Size and Ejection Fraction. <i>Clinical Chemistry</i> , 2002 , 48, 1432-1436	5.5	79
278	Diagnostic and prognostic implications using age- and gender-specific cut-offs for high-sensitivity cardiac troponin T - Sub-analysis from the TRAPID-AMI study. <i>International Journal of Cardiology</i> , 2016 , 209, 26-33	3.2	78
277	Toward standardization of cardiac troponin I measurements part II: assessing commutability of candidate reference materials and harmonization of cardiac troponin I assays. <i>Clinical Chemistry</i> , 2006 , 52, 1685-92	5.5	76
276	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. International Federation of Clinical Chemistry and Laboratory Medicine. Part 6. Reference procedure for the measurement of catalytic concentration of aspartate aminotransferase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 531-8	5.9	76
275	Harmonization of automated hemolysis index assessment and use: Is it possible?. <i>Clinica Chimica Acta</i> , 2014 , 432, 38-43	6.2	74
274	Soluble transferrin receptor (sTfR) and sTfR/log ferritin index for the diagnosis of iron-deficiency anemia. A meta-analysis. <i>American Journal of Clinical Pathology</i> , 2012 , 138, 642-9	1.9	72
273	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. Part 2. Reference procedure for the measurement of catalytic concentration of creatine kinase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 635-42	5.9	71
272	Cardiac troponin elevations in chronic renal failure: prevalence and clinical significance. <i>Clinical Biochemistry</i> , 1999 , 32, 125-30	3.5	69
271	Enzymatic assays for creatinine: time for action. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 567-72	5.9	68
270	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine practice guidelines: Analytical issues for biomarkers of heart failure. <i>Circulation</i> , 2007 , 116, e95-8	16.7	68
269	The analytical goals for hemoglobin A(1c) measurement in IFCC units and National Glycohemoglobin Standardization Program Units are different. <i>Clinical Chemistry</i> , 2011 , 57, 1204-6	5.5	67
268	Cardiac troponin: a critical review of the case for point-of-care testing in the ED. <i>American Journal of Emergency Medicine</i> , 2012 , 30, 1639-49	2.9	66
267	Traceability as a unique tool to improve standardization in laboratory medicine. <i>Clinical Biochemistry</i> , 2009 , 42, 236-40	3.5	66
266	IFCC Working Group Recommendations for Assessing Commutability Part 1: General Experimental Design. <i>Clinical Chemistry</i> , 2018 , 64, 447-454	5.5	64
265	Common reference intervals for aspartate aminotransferase (AST), alanine aminotransferase (ALT) and γ -glutamyl transferase (GGT) in serum: results from an IFCC multicenter study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1593-601	5.9	63
264	Aspartate aminotransferase isoenzymes. <i>Clinical Biochemistry</i> , 1990 , 23, 311-9	3.5	61

263	Standardisation of cardiac troponin I measurement: past and present. <i>Pathology</i> , 2010 , 42, 402-8	1.6	60
262	Generation of data on within-subject biological variation in laboratory medicine: An update. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016 , 53, 313-25	9.4	59
261	Assay-related issues in the measurement of cardiac troponins. <i>Clinica Chimica Acta</i> , 2009 , 402, 88-93	6.2	58
260	IFCC Working Group Recommendations for Assessing Commutability Part 2: Using the Difference in Bias between a Reference Material and Clinical Samples. <i>Clinical Chemistry</i> , 2018 , 64, 455-464	5.5	57
259	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 °C. Part 9: reference procedure for the measurement of catalytic concentration of alkaline phosphatase International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) Scientific Division, Committee on Reference Systems of Enzymes (C-RSE) (11). <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1443-1454	5.9	57
258	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. Part 3. Reference procedure for the measurement of catalytic concentration of lactate dehydrogenase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 643-8	5.9	56
257	Application of traceability concepts to analytical quality control may reconcile total error with uncertainty of measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 7-10	5.9	55
256	Traceability, reference systems and result comparability. <i>Clinical Biochemist Reviews</i> , 2007 , 28, 97-104	7.3	55
255	Implementation of standardization in clinical practice: not always an easy task. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1237-41	5.9	54
254	The Use of Very Low Concentrations of High-sensitivity Troponin T to Rule Out Acute Myocardial Infarction Using a Single Blood Test. <i>Academic Emergency Medicine</i> , 2016 , 23, 1004-13	3.4	53
253	The sensitivity of cardiac markers: an evidence-based approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 1097-106	5.9	52
252	Diagnostic value of transferrin. <i>Clinica Chimica Acta</i> , 2012 , 413, 1184-9	6.2	51
251	Acute coronary syndrome: biochemical strategies in the troponin era. <i>Chest</i> , 2002 , 122, 1428-35	5.3	50
250	Verification of in vitro medical diagnostics (IVD) metrological traceability: responsibilities and strategies. <i>Clinica Chimica Acta</i> , 2014 , 432, 55-61	6.2	49
249	Prognostic Utility of a Modified HEART Score in Chest Pain Patients in the Emergency Department. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10,	5.8	48
248	Promoting clinical and laboratory interaction by harmonization. <i>Clinica Chimica Acta</i> , 2014 , 432, 15-21	6.2	48
247	Defining a roadmap for harmonizing quality indicators in Laboratory Medicine: a consensus statement on behalf of the IFCC Working Group "Laboratory Error and Patient Safety" and EFLM Task and Finish Group "Performance specifications for the extra-analytical phases". <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1478-1488	5.9	47
246	The Asian project for collaborative derivation of reference intervals: (1) strategy and major results of standardized analytes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 1429-42	5.9	45

245	Harmonization of laboratory testing - Current achievements and future strategies. <i>Clinica Chimica Acta</i> , 2014 , 432, 4-7	6.2	43
244	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. <i>European Heart Journal</i> , 2018 , 39, 3780-3794	9.5	43
243	Revaluation 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> , 2011 , 412, 1412-6	6.2	42
242	Biological variability of glycated hemoglobin. <i>Clinica Chimica Acta</i> , 2010 , 411, 1606-10	6.2	42
241	Serum albumin: accuracy and clinical use. <i>Clinica Chimica Acta</i> , 2013 , 419, 15-8	6.2	40
240	Performance criteria for combined uncertainty budget in the implementation of metrological traceability. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 905-12	5.9	40
239	Biological Variation of Myoglobin in Serum. <i>Clinical Chemistry</i> , 1997 , 43, 2435-2435	5.5	40
238	Trueness verification of actual creatinine assays in the European market demonstrates a disappointing variability that needs substantial improvement. An international study in the framework of the EC4 creatinine standardization working group. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1313-25	5.9	40
237	Standardization of troponin I measurements: an update. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1501-6	5.9	40
236	Total laboratory automation: Do stat tests still matter?. <i>Clinical Biochemistry</i> , 2017 , 50, 605-611	3.5	39
235	A Comprehensive Appraisal of Laboratory Biochemistry Tests as Major Predictors of COVID-19 Severity. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 1457-1464	5	37
234	Prevalence of pancreatic insufficiency in inflammatory bowel diseases. Assessment by fecal elastase-1. <i>Digestive Diseases and Sciences</i> , 2008 , 53, 262-70	4	37
233	Establishing a reference system in clinical enzymology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 795-800	5.9	37
232	Performance of Today's Cardiac Troponin Assays and Tomorrow's. <i>Clinical Chemistry</i> , 2002 , 48, 809-810	5.5	36
231	Serum isoforms of creatine kinase isoenzymes. <i>Clinical Biochemistry</i> , 1988 , 21, 211-8	3.5	36
230	The future of laboratory medicine: understanding the new pressures. <i>Clinical Biochemist Reviews</i> , 2004 , 25, 207-15	7.3	36
229	Laboratory medicine in the new healthcare environment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 523-33	5.9	35
228	Biological variation of neuroendocrine tumor markers chromogranin A and neuron-specific enolase. <i>Clinical Biochemistry</i> , 2013 , 46, 148-51	3.5	35

227	Enzymatic assays for creatinine: time for action. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 241, 84-8	2	35
226	The importance of metrological traceability on the validity of creatinine measurement as an index of renal function. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1287-92	5.9	35
225	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. International Federation of Clinical Chemistry and Laboratory Medicine. Part 7. Certification of four reference materials for the determination of enzymatic activity of gamma-glutamyltransferase, lactate dehydrogenase, alanine aminotransferase and creatine kinase	5.9	35
224	How to assess the quality of your analytical method? <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 1707-18	5.9	34
223	Frequency of butyrylcholinesterase gene mutations in individuals with abnormal inhibition numbers: an Italian-population study. <i>Pharmacogenetics and Genomics</i> , 2003 , 13, 265-70		34
222	Strategies to define performance specifications in laboratory medicine: 3 years on from the Milan Strategic Conference. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1849-1856	5.9	33
221	Focusing on the clinical impact of standardization of creatinine measurements: a report by the EFCC Working Group on Creatinine Standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 977-82	5.9	33
220	Standardization of cardiac troponin I measurements: the way forward?. <i>Clinical Chemistry</i> , 2005 , 51, 1594-5	5.5	33
219	Trueness verification and traceability assessment of results from commercial systems for measurement of six enzyme activities in serum: an international study in the EC4 framework of the Calibration 2000 project. <i>Clinica Chimica Acta</i> , 2006 , 368, 160-7	6.2	32
218	Analytical performance specifications for external quality assessment - definitions and descriptions. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 949-955	5.9	31
217	Human epididymis protein 4: factors of variation. <i>Clinica Chimica Acta</i> , 2015 , 438, 171-7	6.2	31
216	Revaluating serum ferritin as a marker of body iron stores in the traceability era. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1911-6	5.9	31
215	IFCC primary reference procedures for the measurement of catalytic activity concentrations of enzymes at 37 degrees C. Part 1. The concept of reference procedures for the measurement of catalytic activity concentrations of enzymes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 631-4	5.9	31
214	Progress and impact of enzyme measurement standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 334-340	5.9	30
213	The new definition of myocardial infarction and the impact of troponin determination on clinical practice. <i>International Journal of Cardiology</i> , 2006 , 106, 298-306	3.2	30
212	IFCC Working Group Recommendations for Assessing Commutability Part 3: Using the Calibration Effectiveness of a Reference Material. <i>Clinical Chemistry</i> , 2018 , 64, 465-474	5.5	29
211	Soluble transferrin receptor in complicated anemia. <i>Clinica Chimica Acta</i> , 2014 , 431, 143-7	6.2	29
210	The measurement of cardiac markers: where should we focus?. <i>American Journal of Clinical Pathology</i> , 2002 , 118, 354-61	1.9	29

209	The role of laboratory in ensuring appropriate test requests. <i>Clinical Biochemistry</i> , 2017 , 50, 555-561	3.5	28
208	Biologic variability of C-reactive protein: is the available information reliable?. <i>Clinica Chimica Acta</i> , 2012 , 413, 1179-83	6.2	28
207	Present issues in the determination of troponins and other markers of cardiac damage. <i>Clinical Biochemistry</i> , 2000 , 33, 161-6	3.5	28
206	Evaluation of the impact of standardization process on the quality of serum creatinine determination in Italian laboratories. <i>Clinica Chimica Acta</i> , 2014 , 427, 100-6	6.2	27
205	Defining acceptable limits for the metrological traceability of specific measurands. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 973-9	5.9	27
204	Obtaining reference intervals traceable to reference measurement systems: is it possible, who is responsible, what is the strategy?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 813-7	5.9	27
203	Isoforms of creatine kinase MM and MB in acute myocardial infarction: a clinical evaluation. <i>Clinica Chimica Acta</i> , 1986 , 155, 1-9	6.2	27
202	Serial Sampling of High-Sensitivity Cardiac Troponin T May Not Be Required for Prediction of Acute Myocardial Infarction Diagnosis in Chest Pain Patients with Highly Abnormal Concentrations at Presentation. <i>Clinical Chemistry</i> , 2017 , 63, 542-551	5.5	26
201	The utility of measurement uncertainty in medical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1407-1413	5.9	26
200	Evaluation of standardization capability of current cardiac troponin I assays by a correlation study: results of an IFCC pilot project. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 677-90	5.9	25
199	Diagnostic application of CK-MB mass determination. <i>Clinica Chimica Acta</i> , 1998 , 272, 23-31	6.2	24
198	Selection of antibodies and epitopes for cardiac troponin immunoassays: should we revise our evidence-based beliefs?. <i>Clinical Chemistry</i> , 2005 , 51, 803-4	5.5	24
197	Procalcitonin: Between evidence and critical issues. <i>Clinica Chimica Acta</i> , 2019 , 496, 7-12	6.2	23
196	Standardization in clinical enzymology: a challenge for the theory of metrological traceability. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 301-7	5.9	23
195	Single-point cardiac troponin T at coronary care unit discharge after myocardial infarction correlates with infarct size and ejection fraction. <i>Clinical Chemistry</i> , 2002 , 48, 1432-6	5.5	23
194	Pre-analytical and analytical aspects affecting clinical reliability of plasma glucose results. <i>Clinical Biochemistry</i> , 2017 , 50, 587-594	3.5	21
193	Role and Responsibilities of Laboratory Medicine Specialists in the Verification OF Metrological Traceability of Medical Diagnostics. <i>Journal of Medical Biochemistry</i> , 2015 , 34, 282-287	1.9	21
192	Rapid, Highly Sensitive Immunoassay for Determination of Cardiac Troponin I in Patients with Myocardial Cell Damage. <i>Clinical Chemistry</i> , 1997 , 43, 1464-1465	5.5	21

191	Evaluation of a sandwich enzyme-linked immunosorbent assay for the measurement of serum heart fatty acid-binding protein. <i>Annals of Clinical Biochemistry</i> , 2002 , 39, 404-5	2.2	21
190	Is the accuracy of serum albumin measurements suitable for clinical application of the test?. <i>Clinica Chimica Acta</i> , 2011 , 412, 791-2	6.2	20
189	A critical appraisal of experimental factors influencing the definition of the 99th percentile limit for cardiac troponins. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1179-82	5.9	20
188	Colour coding for blood collection tube closures - a call for harmonisation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 371-6	5.9	19
187	Standardization and analytical goals for glycated hemoglobin measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 1719-26	5.9	19
186	The importance of individual biology in the clinical use of serum biomarkers for ovarian cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1625-31	5.9	19
185	National Academy of Clinical Biochemistry and IFCC Committee for Standardization of Markers of Cardiac Damage Laboratory Medicine Practice Guidelines: analytical issues for biomarkers of heart failure. <i>Clinical Biochemistry</i> , 2008 , 41, 222-6	3.5	19
184	Standardization of immunoassays for measurement of myoglobin in serum. Phase I: evaluation of candidate secondary reference materials. <i>Clinica Chimica Acta</i> , 2004 , 341, 65-72	6.2	18
183	Multicenter Evaluation of Five Assays for Myoglobin Determination. <i>Clinical Chemistry</i> , 2000 , 46, 1631-1637	5.9	18
182	Commutability of reference and control materials: an essential factor for assuring the quality of measurements in Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 967-973	5.9	17
181	Gaps in the traceability chain of human growth hormone measurements. <i>Clinical Chemistry</i> , 2013 , 59, 1074-82	5.5	17
180	Rapid determination of brain natriuretic peptide in patients with acute myocardial infarction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 164-8	5.9	17
179	Recommendations for the routine use of pancreatic amylase measurement instead of total amylase for the diagnosis and monitoring of pancreatic pathology. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 97-100	5.9	17
178	American Liver Guidelines and Cutoffs for "Normal" ALT: A Potential for Overdiagnosis. <i>Clinical Chemistry</i> , 2017 , 63, 1196-1198	5.5	16
177	The role of external quality assessment in the verification of in vitro medical diagnostics in the traceability era. <i>Clinical Biochemistry</i> , 2018 , 57, 23-28	3.5	16
176	Human Chorionic Gonadotropin Assays for Testicular Tumors: Closing the Gap between Clinical and Laboratory Practice. <i>Clinical Chemistry</i> , 2018 , 64, 270-278	5.5	16
175	Comparative study of a new quantitative rapid test with an established ELISA method for faecal calprotectin. <i>Clinica Chimica Acta</i> , 2012 , 413, 350-1	6.2	16
174	Recent approaches in standardization of cardiac markers. <i>Clinica Chimica Acta</i> , 2001 , 311, 19-25	6.2	16

173	Implementation of metrological traceability in laboratory medicine: where we are and what is missing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1200-1204	5.9	15
172	Defining permissible limits for the combined uncertainty budget in the implementation of metrological traceability. <i>Clinical Biochemistry</i> , 2018 , 57, 7-11	3.5	15
171	Biological variation of free light chains in serum. <i>Clinica Chimica Acta</i> , 2013 , 415, 10-1	6.2	15
170	Standardization of ceruloplasmin measurements is still an issue despite the availability of a common reference material. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 521-5	4.4	15
169	Serum and Plasma Samples for ACS:Systems Cardiac Markers. <i>Clinical Chemistry</i> , 2000 , 46, 1020-1022	5.5	15
168	Evaluation of a fully automated assay to measure C-telopeptide of type I collagen in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 1111-3	5.9	15
167	IFCC Committee on Standardization of Markers of Cardiac Damage: premises and project presentation. International Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998 , 36, 887-93	5.9	15
166	Verification of Harmonization of Serum Total and Free Prostate-Specific Antigen (PSA) Measurements and Implications for Medical Decisions. <i>Clinical Chemistry</i> , 2021 , 67, 543-553	5.5	15
165	The calibrator value assignment protocol of the Abbott enzymatic creatinine assay is inadequate for ensuring suitable quality of serum measurements. <i>Clinica Chimica Acta</i> , 2015 , 450, 125-6	6.2	14
164	Measurement uncertainty: Friend or foe?. <i>Clinical Biochemistry</i> , 2018 , 57, 3-6	3.5	14
163	Evaluation of the trueness of serum alkaline phosphatase measurement in a group of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, e47-e50	5.9	14
162	10% CV concentration for the fourth generation Roche cardiac troponin T assay derived from Internal Quality Control data. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1495-6	5.9	14
161	Current concepts in standardization of cardiac marker immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 3-8	5.9	14
160	Enzyme and muscle diseases. <i>Current Opinion in Rheumatology</i> , 1995 , 7, 469-74	5.3	14
159	Serum enzymes in acute myocardial infarction after intracoronary thrombolysis. <i>Clinical Biochemistry</i> , 1986 , 19, 294-7	3.5	14
158	Hypoalbuminemia and elevated D-dimer in COVID-19 patients: a call for result harmonization. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e255-e256	5.9	14
157	Making new biomarkers a reality: the case of serum human epididymis protein 4. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1284-1294	5.9	14
156	Serum Eefetoprotein in pediatric oncology: not a children's tale. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 783-797	5.9	14

155	Random uncertainty of photometric determination of hemolysis index on the Abbott Architect c16000 platform. <i>Clinical Biochemistry</i> , 2018 , 57, 62-64	3.5	13
154	Is serum human epididymis protein 4 ready for prime time?. <i>Annals of Clinical Biochemistry</i> , 2014 , 51, 128-36	2.2	13
153	Inside ST-elevation myocardial infarction by monitoring concentrations of cardiovascular risk biomarkers in blood. <i>Clinica Chimica Acta</i> , 2012 , 413, 888-93	6.2	13
152	Standardization and analytical goals for glycated hemoglobin measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51,	5.9	13
151	Innotrac aio! Second-generation cardiac troponin I assay: imprecision profile and other key characteristics for clinical use. <i>Clinical Chemistry</i> , 2004 , 50, 1271-2	5.5	13
150	Multicenter evaluation of analytical performance of the Liaison troponin I assay. <i>Clinical Biochemistry</i> , 2004 , 37, 750-7	3.5	13
149	Verification of the harmonization of human epididymis protein 4 assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1635-43	5.9	13
148	Combined testing of copeptin and high-sensitivity cardiac troponin T at presentation in comparison to other algorithms for rapid rule-out of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019 , 276, 261-267	3.2	13
147	Tumor Marker Ordering: Do Not Lose Control: A Prospective Clinical Trial. <i>American Journal of Clinical Pathology</i> , 2015 , 144, 649-58	1.9	12
146	IFCC Working Group Recommendations for Correction of Bias Caused by Noncommutability of a Certified Reference Material Used in the Calibration Hierarchy of an End-User Measurement Procedure. <i>Clinical Chemistry</i> , 2020 , 66, 769-778	5.5	12
145	Measurement of troponin I 48 h after admission as a tool to rule out impaired left ventricular function in patients with a first myocardial infarction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 848-54	5.9	12
144	Laboratory medicine as the science that underpins medicine: the "high-sensitivity" troponin paradigm. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 653-64	5.9	11
143	Plasma midregional proadrenomedullin (MR-proADM) concentrations and their biological determinants in a reference population. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1161-1168	5.9	11
142	Hemoglobin, bilirubin, and lipid interference on Roche Cobas 6000 assays. <i>Clinica Chimica Acta</i> , 2012 , 413, 339-41; author reply 342-3	6.2	11
141	Development of a candidate secondary reference procedure (immunoassay based measurement procedure of higher metrological order) for cardiac troponin I: I. Antibody characterization and preliminary validation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1603-10	5.9	11
140	Traceability validation of six enzyme measurements on the Abbott Alinity c analytical system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1250-1256	5.9	11
139	The internal quality control in the traceability era. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 291-300	5.9	11
138	Traceability in clinical enzymology. <i>Clinical Biochemist Reviews</i> , 2007 , 28, 155-61	7.3	11

137	Serum isoforms of creatine kinase MM and MB in myocardial infarction. An appraisal of quantitative, clinical and pathophysiological information. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1987 , 47, 325-329	2	11
136	Performance specifications for measurement uncertainty of common biochemical measurands according to Milan models. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	11
135	Definition of Outcome-Based Prostate-Specific Antigen (PSA) Thresholds for Advanced Prostate Cancer Risk Prediction. <i>Cancers</i> , 2021 , 13,	6.6	11
134	Tackling serum folate test in European countries within the health technology assessment paradigm: request appropriateness, assays and health outcomes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1262-1275	5.9	10
133	Fast track protocols using highly sensitive troponin assays for ruling out and ruling in non-ST elevation acute coronary syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1683-1689	5.9	10
132	Laboratory testing in the emergency department: an Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) and Academy of Emergency Medicine and Care (AcEMC) consensus report. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1655-1659	5.9	10
131	Heparinate but not serum tubes are susceptible to hemolysis by pneumatic tube transportation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 785-9	5.9	10
130	Serum human epididymis protein 4 vs. carbohydrate antigen 125 in ovarian cancer follow-up. <i>Clinical Biochemistry</i> , 2018 , 60, 84-90	3.5	10
129	Reference interval for lactate dehydrogenase catalytic activity in serum measured according to the new IFCC recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 970-1	5.9	10
128	Biological Variation in Serum Activities of Three Hepatic Enzymes. <i>Clinical Chemistry</i> , 2001 , 47, 355-356	5.5	10
127	Significance of various parameters derived from biological variability for lipid and lipoprotein analyses. <i>Clinical Biochemistry</i> , 1993 , 26, 415-20	3.5	10
126	Evaluation of long-term imprecision of automated complete blood cell count on the Sysmex XN-9000 system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, e219-e222	5.9	9
125	Establishing reference intervals for galectin-3 concentrations in serum requires careful consideration of its biological determinants. <i>Clinical Biochemistry</i> , 2017 , 50, 599-604	3.5	9
124	Measurement of Serum Neuron-Specific Enolase in Neuroblastoma: Is There a Clinical Role?. <i>Clinical Chemistry</i> , 2020 , 66, 667-675	5.5	9
123	Analytical validation of a highly sensitive point-of-care system for cardiac troponin I determination. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 58, 138-145	5.9	9
122	Measurement of icteric index as approach to detect abnormal total bilirubin values. <i>Journal of Clinical Pathology</i> , 2013 , 66, 1095-7	3.9	9
121	Imprecision of tumour biomarker measurements on Roche Modular E170 platform fulfills desirable goals derived from biological variation. <i>Annals of Clinical Biochemistry</i> , 2010 , 47, 171-3	2.2	9
120	AACC creatine kinase MB (CK-MB) standardization material used as manufacturer's working calibrator is unable to harmonize CK-MB results between two commercial immunoassays. <i>Clinical Chemistry</i> , 2004 , 50, 1711-2	5.5	9

119	Lactate dehydrogenase: an old enzyme reborn as a COVID-19 marker (and not only). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1979-1981	5.9	9
118	A new robust statistical model for interpretation of differences in serial test results from an individual. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 815-22	5.9	8
117	Biologic variation of copper, ceruloplasmin and copper/ceruloplasmin ratio (Cu:Cp) in serum. <i>Clinica Chimica Acta</i> , 2013 , 415, 295-6	6.2	8
116	Body mass index does not influence human epididymis protein 4 concentrations in serum. <i>Clinica Chimica Acta</i> , 2015 , 446, 163-4	6.2	8
115	Impact of implementation of the high-sensitivity cardiac troponin T assay in a university hospital setting. <i>Clinical Chemistry</i> , 2011 , 57, 1211-2	5.5	8
114	Multicenter evaluation of the TOSOH AIA-pack second-generation cardiac troponin I assay. <i>Clinical Chemistry</i> , 2004 , 50, 1707-9	5.5	8
113	Determination of decision limits for ACS:systems cardiac troponin I. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 1155-7	5.9	8
112	Diagnostic value of measuring pancreatic isoamylase with a double-monoclonal antibody immunoassay in serum of hospitalized hyperamylasemic patients. <i>Journal of Clinical Laboratory Analysis</i> , 1990 , 4, 449-52	3	8
111	Evaluation of a new method for cholinesterase determination. <i>Clinical Biochemistry</i> , 1986 , 19, 161-5	3.5	8
110	Evaluation of the direct potentiometric method for serum chloride determination--comparison with the most commonly employed methodologies. <i>Clinical Biochemistry</i> , 1986 , 19, 20-5	3.5	8
109	Derivation of performance specifications for uncertainty of serum C-reactive protein measurement according to the Milan model 3 (state of the art). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e263-e265	5.9	8
108	Documenting metrological traceability as intended by ISO 15189:2012: A consensus statement about the practice of the implementation and auditing of this norm element. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 459-464	5.9	8
107	A study of biological and lifestyle factors, including within-subject variation, affecting concentrations of growth differentiation factor 15 in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1035-1043	5.9	8
106	Serum Prostate-Specific Antigen Testing for Early Detection of Prostate Cancer: Managing the Gap between Clinical and Laboratory Practice. <i>Clinical Chemistry</i> , 2021 , 67, 602-609	5.5	8
105	Laboratory-related issues in the measurement of cardiac troponins with highly sensitive assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1773-1783	5.9	7
104	Estimate of intraindividual variability of C-reactive protein: a challenging issue. <i>Clinica Chimica Acta</i> , 2013 , 419, 85-6	6.2	7
103	Better blood collection tubes for plasma glucose: ready for prime time?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, e87-9	5.9	7
102	Commutability of the ERM-DA470k reference material for two assays measuring serum albumin using immunochemical principles. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1383-1384	5.9	7

101	Fatal electrolyte abnormalities following enema administration. <i>Clinical Chemistry</i> , 2012 , 58, 1515-8	5.5	7
100	Serum folate concentrations in patients with cortical and subcortical dementias. <i>Neuroscience Letters</i> , 2007 , 420, 213-6	3.3	7
99	Assay using succinylthiocholine as substrate: the method of choice for the measurement of cholinesterase catalytic activity in serum to diagnose succinylthiocholine sensitivity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 317-22	5.9	7
98	Comparative study of cardiac troponin I and T measurements in a routine extra-cardiological clinical setting. <i>Journal of Clinical Laboratory Analysis</i> , 2001 , 15, 210-4	3	7
97	Diagnostic value of four assays for lipase determination in serum: a comparative reevaluation. <i>Clinical Biochemistry</i> , 1991 , 24, 497-503	3.5	7
96	Searching for a role of procalcitonin determination in COVID-19: a study on a selected cohort of hospitalized patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 433-440	5.9	7
95	High sensitivity cardiac troponin T in patients not having an acute coronary syndrome: results from the TRAPID-AMI study. <i>Biomarkers</i> , 2017 , 22, 709-714	2.6	6
94	Cystatin C provides a better estimate of the effect of glomerular filtration rate on serum human epididymis protein 4 concentrations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1629-34	5.9	6
93	Clinical and analytical performance of automated immunochemiluminometric assays for determination of cardiac markers in serum. <i>Luminescence</i> , 1998 , 13, 307-9		6
92	The interfering component in cardiac troponin I immunoassays: need for further experimental evidence. <i>Clinical Chemistry</i> , 2004 , 50, 676-7	5.5	6
91	Evaluation of a rapid bedside immunochromatographic assay for detection of cardiac troponin I in whole blood. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 458-9	5.9	6
90	Nonenzymic glycation of apolipoprotein B in patients with insulin- and noninsulin-dependent diabetes mellitus. <i>Clinical Biochemistry</i> , 1995 , 28, 587-92	3.5	6
89	An immunochemical procedure for determination of creatine kinase 3(1) (serum-specific) isoform in human serum evaluated. <i>Clinical Biochemistry</i> , 1990 , 23, 225-8	3.5	6
88	Validation and verification of examination procedures in medical laboratories: opinion of the EFLM Working Group Accreditation and ISO/CEN standards (WG-A/ISO) on dealing with ISO 15189:2012 demands for method verification and validation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 361-367	5.9	6
87	An approach for determining allowable between reagent lot variation.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	6
86	More on the accuracy of the Architect enzymatic assay for hemoglobin A1c and its traceability to the IFCC reference system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e71-3	5.9	5
85	Clinical Governance Remains a Priority in Total Laboratory Automation Era. <i>journal of applied laboratory medicine, The</i> , 2019 , 4, 130-132	2	5
84	New insights in the pathophysiology of acute myocardial infarction detectable by a contemporary troponin assay. <i>Clinical Biochemistry</i> , 2013 , 46, 999-1006	3.5	5

83	The importance of analytical quality specifications for biomarker assays currently used in acute cardiac care. <i>Acute Cardiac Care</i> , 2006 , 8, 133-8		5
82	External quality assessment for biochemical markers of myocardial damage: an Italian experience. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 1434-41	5.9	5
81	Certification of the mass concentration of creatine kinase isoenzyme 2 (CK-MB) in the reference material BCR 608. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 858-65	5.9	5
80	Daily monitoring of a control material with a concentration near the limit of detection improves the measurement accuracy of highly sensitive troponin assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e29-e31	5.9	5
79	Definition of analytical quality specifications for serum total folate measurements using a simulation outcome-based model. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e66-e68	5.9	5
78	Trueness Evaluation and Verification of Interassay Agreement of 11 Serum IgA Measuring Systems: Implications for Medical Decisions. <i>Clinical Chemistry</i> , 2019 , 65, 473-483	5.5	5
77	Sources and clinical significance of aspartate aminotransferase increases in COVID-19. <i>Clinica Chimica Acta</i> , 2021 , 522, 88-95	6.2	5
76	Defining the plasma folate concentration for optimal neural tube defects prevention cannot ignore the impact of the employed methodology. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 780-781	7	4
75	Traceability of alkaline phosphatase measurement may also vary considerably using the same analytical system: the case of Abbott Architect. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e135-e137	5.9	4
74	Tracing a roadmap for vitamin B12 testing using the health technology assessment approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 767-77	5.9	4
73	Clinical impact of glycolysis inhibition on plasma glucose results requires caution. <i>Annals of Clinical Biochemistry</i> , 2017 , 54, 302-303	2.2	4
72	Commutability of two JCTLM-listed secondary reference materials for two commercial lithium assays. <i>Clinica Chimica Acta</i> , 2012 , 414, 152-3	6.2	4
71	Cardiac: is this biomarker ready for the prime time?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010 , 242, 66-72	2	4
70	What's in a name? Standardisation of HbA(1c): a response. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 1326-7	5.9	4
69	Cardiac Natriuretic Hormones as Markers of Cardiovascular Disease: Methodological Aspects 2006 , 65-89		4
68	On the comparison of serum and plasma samples in troponin assays. <i>Clinical Chemistry</i> , 2003 , 49, 835-6	5.5	4
67	Time course of changes in serum activity of the P3 isoform of pancreatic amylase isoenzyme in patients with acute pancreatitis. <i>Clinical Biochemistry</i> , 1989 , 22, 479-82	3.5	4
66	Methods for serum cholinesterase assay and classification of genetic variants. <i>Clinica Chimica Acta</i> , 1989 , 183, 87-90	6.2	4

65	Biochemical markers of cardiac diseases. <i>Journal of Medical Biochemistry</i> , 2004 , 23, 201-211		4
64	Serum Enzymes 2012 , 565-598		4
63	Optimal collection tubes for plasma glucose determination: confusion reigns supreme. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e281-3	5.9	4
62	Symptoms Predictive of Acute Myocardial Infarction in the Troponin Era: Analysis From the TRAPID-AMI Study. <i>Critical Pathways in Cardiology</i> , 2019 , 18, 10-15	1.3	4
61	Letter to the Editor: Serum Albumin in COVID-19: A Good Example in Which Analytical and Clinical Performance of a Laboratory Test Are Strictly Intertwined. <i>Hepatology</i> , 2021 , 74, 2905-2907	11.2	4
60	Offering Aspartate Aminotransferase as a Reflex Test: An Easy but Effective Way to Improve Appropriateness of Laboratory Requests. <i>American Journal of Clinical Pathology</i> , 2018 , 149, 456-457	1.9	3
59	Frequency of Pancreatic Hyperamylasemia in Human Immunodeficiency Virus-Positive Patients in the Highly Active Antiretroviral Therapy Era. <i>American Journal of Clinical Pathology</i> , 2016 , 145, 128-33	1.9	3
58	Novel generations of laboratory instruments should not worsen analytical quality: The case of GEM Premier 5000. <i>Clinical Biochemistry</i> , 2018 , 58, 128-130	3.5	3
57	Traceability of values for catalytic activity concentration of enzymes: a Certified Reference Material for aspartate transaminase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 795-803	5.9	3
56	The prognostic value of plasma fibrinogen concentrations of patients with ST-elevation myocardial infarction and treated by primary percutaneous coronary intervention: a cautionary message. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012 , 72, 355-62	2	3
55	Redefining reference limits needs more attention to the analytical aspects. <i>Liver International</i> , 2006 , 26, 1155-6	7.9	3
54	Trueness evaluation and verification of inter-assay agreement of serum folate measuring systems. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1697-1705	5.9	3
53	Improving measurement uncertainty of plasma electrolytes: a complex but not impossible task. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, e129-e132	5.9	3
52	Aspartate aminotransferase in COVID-19: A probably overrated marker. <i>Liver International</i> , 2021 , 41, 2809-2810	7.9	3
51	Prognostic role of Krebs von den Lungen-6 (KL-6) measurement in idiopathic pulmonary fibrosis: a systematic review and meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1400-1408	5.9	3
50	Are blood ammonia concentrations dependent on Eglutamyl-transferase levels in plasma?. <i>Journal of Clinical Pathology</i> , 2016 , 69, 551-2	3.9	3
49	Reference intervals for the Kryptor second-generation chromogranin A assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e335-e337	5.9	3
48	Serum potassium concentrations in COVID-19. <i>Clinica Chimica Acta</i> , 2021 , 512, 26-27	6.2	3

47	Optimizing Available Tools for Achieving Result Standardization: Value Added by Joint Committee on Traceability in Laboratory Medicine (JCTLM). <i>Clinical Chemistry</i> , 2021 , 67, 1590-1605	5.5	3
46	Reflex Testing of Free Prostate-Specific Antigen as Effective Health Care Policy. <i>Archives of Pathology and Laboratory Medicine</i> , 2019 , 143, 1045	5	2
45	Laboratory testing in the emergency department: An Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) and Academy of Emergency Medicine and Care (AcEMC) consensus report. <i>Emergency Care Journal</i> , 2017 , 13,	1.2	2
44	Multi-marker network in ST-elevation myocardial infarction patients undergoing primary percutaneous coronary intervention: when and what to measure. <i>Clinica Chimica Acta</i> , 2013 , 417, 1-7	6.2	2
43	A simple method for quantitative determination of lipoprotein-X (LP-X) in human serum. <i>Clinica Chimica Acta</i> , 1985 , 151, 187-92	6.2	2
42	A Summary of Worldwide National Activities in Chronic Kidney Disease (CKD) Testing. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2017 , 28, 302-314	2.4	2
41	Linking lactate dehydrogenase to the severity of COVID-19 cannot ignore the employed methodology. <i>American Journal of Emergency Medicine</i> , 2021 , 45, 652-653	2.9	2
40	Is pre-biopsy serum prostate specific antigen retesting always justified? A study of the influence of individual and analytical factors on decision making for biopsy referral. <i>Clinica Chimica Acta</i> , 2021 , 516, 77-82	6.2	2
39	Suppressing all test results in grossly hemolyzed samples: is this approach appropriate in every case?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e118-e120	5.9	2
38	Different calibrator options may strongly influence the trueness of serum transferrin measured by Abbott Architect systems. <i>Clinica Chimica Acta</i> , 2018 , 477, 119-120	6.2	2
37	Implementation of an internal quality control programme for the photometric determination of icteric index. <i>Journal of Clinical Pathology</i> , 2018 , 71, 851-852	3.9	2
36	Prospective validation of an automatic reflex test for identifying spurious elevations of mean corpuscular haemoglobin concentration due to the presence of cold agglutinins. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2021 , 81, 598-600	2	2
35	Pancreatic lipase: why laboratory community does not take enough care of this clinically important test?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1914-1920	5.9	2
34	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. <i>Circulation</i> , 2021 , 144, 773-787	16.7	2
33	Improving the laboratory result release process in the light of ISO 15189:2012 standard. <i>Clinica Chimica Acta</i> , 2021 , 522, 167-173	6.2	2
32	Clinical Governance Should Be a Priority When Care Delivery Systems Are Disrupted. <i>Archives of Pathology and Laboratory Medicine</i> , 2019 , 143, 1046	5	1
31	Impact of total automation consolidating first-line laboratory tests on diagnostic blood loss. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1721-1729	5.9	1
30	Measurement imprecision of common urinary biochemical analytes on the Roche Cobas 6000 system. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, e175-7	5.9	1

29	Target organ damage in a population at intermediate cardiovascular risk, with adjunctive major risk factors: Cardiovascular PREvention Sacco Study (CAPRESS). <i>Internal and Emergency Medicine</i> , 2011 , 6, 337-47	3.7	1
28	Implementation of new recommendations for the diagnosis of gestational diabetes: a 5-month audit. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1271-3	5.9	1
27	Pretreatment of serum with penicillamine: effects on capillary electrophoresis patterns and on immunonephelometric measurement of immunoglobulins. <i>Clinical Chemistry</i> , 2006 , 52, 772-4	5.5	1
26	Biological Variation in Serum Type I Collagen Carboxy-Terminal Telopeptide Concentrations. <i>Clinical Chemistry</i> , 2000 , 46, 1439-1440	5.5	1
25	Recommendations on Use of Biochemical Markers in Acute Coronary Syndrome: IFCC Proposals. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2003 , 14, 104-108	2.4	1
24	Lipase elevation in serum of COVID-19 patients: frequency, extent of increase and clinical value. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 , 60, 135-142	5.9	1
23	Standardization of Cardiac Markers 2003 , 213-229		1
22	Enzyme and Rate Analyses 2012 , 355-377		1
21	Letter to the Editor: Establishing Reliable Pediatric Percentiles of Serum Liver Enzyme Concentrations Cannot Ignore the Employed Methodology. <i>Hepatology</i> , 2019 , 69, 1361-1362	11.2	1
20	Reply to "Analytical performance assessment of a novel cartridge-based blood gas analyzer". <i>Clinical Biochemistry</i> , 2019 , 63, 156-157	3.5	1
19	Biological variation of two serum markers for preeclampsia prediction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e27-e28	5.9	1
18	Reply to: Hyperuricemia does not seem to be an independent risk factor for coronary heart disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e63-e64	5.9	1
17	Further improvement of the quality of tube transportation system is needed to prevent 'seasonal' pseudohyperkalaemia. <i>Clinica Chimica Acta</i> , 2020 , 510, 644-646	6.2	0
16	Troponin T measured with highly sensitive assay (hsTnT) on admission does not reflect infarct size in ST-elevation myocardial infarction patients receiving primary percutaneous coronary intervention. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e173-4	5.9	0
15	A single reagent method for determination of total and conjugated bilirubin with a centrifugal analyser. <i>Clinica Chimica Acta</i> , 1983 , 128, 407-14	6.2	0
14	EGlutamyltransferase reference intervals in detail.. <i>Liver International</i> , 2022 ,	7.9	0
13	Automatic reflex addition of serum magnesium determination to samples with severe hypocalcemia is an effective tool to detect and treat hypomagnesemia. <i>Clinical Biochemistry</i> , 2021 , 92, 89	3.5	0
12	Use of Neurosoft expert system improves turnaround time in a laboratory section specialized in protein diagnostics: a two-year experience. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, e367-e369	5.9	0

11	Impact of optimizing pre-analytical phase on the diagnosis of gestational diabetes and related outcomes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1981-1987	5.9	o
10	Biological variation of serum cholinesterase catalytic concentrations.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	o
9	Improving D-dimer testing appropriateness by controlling periodicity of retesting: prevention is better than cure.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	o
8	Final considerations. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 241, 109	2	
7	Markers of Kidney Disease: 11th Bergmeyer Conference, IFCC-Roche Diagnostics Master Discussion, Improving the Clinical Value of Laboratory Data. Foreword. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 241, 5	2	
6	National survey on the use of measurement of cholinesterase activity in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 256-7	5.9	
5	Myosin Light and Heavy Chains 1998 , 245-256		
4	Highly sensitive troponin T measurement after pneumatic tube transportation: The sample type can make the difference. <i>Clinica Chimica Acta</i> , 2020 , 503, 231-232	6.2	
3	The new multidisciplinary paradigm for fatty liver disease should also include the laboratory medicine contribution. <i>Liver International</i> , 2021 , 41, 1981-1982	7.9	
2	Impact of managing affected results in haemolysed samples of an infant-maternity hospital using an unconventional approach. <i>Clinical Biochemistry</i> , 2021 , 95, 49-53	3.5	
1	Anti-tumour necrosis factor antibodies and circulating lymphocyte phenotypes in inflammatory bowel disease. <i>International Immunopharmacology</i> , 2021 , 100, 108081	5.8	