Christa M Cobbaert

List of Publications by Year
in descending order

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Version: 2024-02-01

155 papers	4,368 citations	117453 34 h-index	138251 58 g-index
156 all docs	156 docs citations	156 times ranked	5607 citing authors

#	Article	IF	Citations
1	Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-pointsâ€"a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. European Heart Journal, 2016, 37, 1944-1958.	1.0	542
2	Quantifying Atherogenic Lipoproteins: Current and Future Challenges in the Era of Personalized Medicine and Very Low Concentrations of LDL Cholesterol. A Consensus Statement from EAS and EFLM. Clinical Chemistry, 2018, 64, 1006-1033.	1.5	189
3	From biomarkers to medical tests: The changing landscape of test evaluation. Clinica Chimica Acta, 2014, 427, 49-57.	0.5	148
4	Fasting Is Not Routinely Required for Determination of a Lipid Profile: Clinical and Laboratory Implications Including Flagging at Desirable Concentration Cutpointsâ€"A Joint Consensus Statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. Clinical Chemistry, 2016, 62, 930-946.	1.5	145
5	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. Atherosclerosis, 2020, 294, 46-61.	0.4	137
6	Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. Clinical Chemistry and Laboratory Medicine, 2020, 58, 496-517.	1.4	119
7	Detection of coronary artery reperfusion with creatine kinase-MB determinations during thrombolytic therapy: Correlation with acute angiography. Journal of the American College of Cardiology, 1988, 11, 729-734.	1.2	93
8	Prime Time for Enzymatic Creatinine Methods in Pediatrics. Clinical Chemistry, 2009, 55, 549-558.	1.5	92
9	Automated Multiplex LC-MS/MS Assay for Quantifying Serum Apolipoproteins A-I, B, C-I, C-II, C-III, and E with Qualitative Apolipoprotein E Phenotyping. Clinical Chemistry, 2016, 62, 188-197.	1.5	81
10	Multicenter evaluation of a homogeneous assay for HDL-cholesterol without sample pretreatment. Clinical Chemistry, 1997, 43, 1622-1629.	1.5	76
11	Oxidative Damage in Clinical Ischemia/Reperfusion Injury: A Reappraisal. Antioxidants and Redox Signaling, 2013, 19, 535-545.	2.5	75
12	Clinical evaluation of analytical variations in serum creatinine measurements: why laboratories should abandon Jaffe techniques. BMC Nephrology, 2012, 13, 133.	0.8	69
13	Serum Lipoprotein(a) Levels in Racially Different Populations. American Journal of Epidemiology, 1992, 136, 441-449.	1.6	67
14	Sex differences in body fat distribution are related to sex differences in serum leptin and adiponectin. Peptides, 2018, 107, 25-31.	1.2	65
15	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. Aging Cell, 2016, 15, 1126-1131.	3.0	59
16	Modulation of Lipoprotein(a) Atherogenicity by High Density Lipoprotein Cholesterol Levels in Middle-Aged Men With Symptomatic Coronary Artery Disease and Normal to Moderately Elevated Serum Cholesterol fn1fn1This study was supported by Bristol-Myers Squibb Co., Princeton, New Jersey (REGRESS main study) and by Grant 94.032 from the Dutch Heart Foundation, Den Haag, The Netherlands [lipoprotein(a) substudy].. Journal of the American College of Cardiology, 1997, 30, 1491-1499.	1.2	57
17	Clinical impact of direct HDLc and LDLc method bias in hypertriglyceridemia. A simulation study of the EAS-EFLM Collaborative Project Group. Atherosclerosis, 2014, 233, 83-90.	0.4	52
18	Towards an SI-Traceable Reference Measurement System for Seven Serum Apolipoproteins Using Bottom-Up Quantitative Proteomics: Conceptual Approach Enabled by Cross-Disciplinary/Cross-Sector Collaboration. Clinical Chemistry, 2021, 67, 478-489.	1.5	52

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19	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. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1319-25.	1.4	46
20	Setting analytical performance specifications based on outcome studies â€“ is it possible?. Clinical Chemistry and Laboratory Medicine, 2015, 53, 841-8.	1.4	45
21	Focusing on the clinical impact of standardization of creatinine measurements: a report by the EFCC Working Group on Creatinine Standardization. Clinical Chemistry and Laboratory Medicine, 2011, 49, 977-82.	1.4	43
22	Evaluation of Interspecimen Trypsin Digestion Efficiency Prior to Multiple Reaction Monitoring-Based Absolute Protein Quantification with Native Protein Calibrators. Journal of Proteome Research, 2013, 12, 5760-5774.	1.8	42
23	Significance of various parameters derived from biological variability of lipoprotein(a), homocysteine, cysteine, and total antioxidant status. Clinical Chemistry, 1997, 43, 1958-1964.	1.5	41
24	Effect of Anthelmintic Treatment on Insulin Resistance: A Cluster-Randomized, Placebo-Controlled Trial in Indonesia. Clinical Infectious Diseases, 2017, 65, 764-771.	2.9	41
25	Quantifying Protein Measurands by Peptide Measurements: Where Do Errors Arise?. Journal of Proteome Research, 2015, 14, 928-942.	1.8	40
26	Systematic monitoring of standardization and harmonization status with commutable EQA-samplesâ€”Five year experience from the Netherlands. Clinica Chimica Acta, 2012, 414, 234-240.	0.5	39
27	Peak and Fixed-Time High-Sensitive Troponin for Prediction of Infarct Size, Impaired Left Ventricular Function, and Adverse Outcomes in Patients With First ST-Segment Elevation Myocardial Infarction Receiving Percutaneous Coronary Intervention. American Journal of Cardiology, 2013, 111, 1387-1393.	0.7	39
28	Biomarker development targeting unmet clinical needs. Clinica Chimica Acta, 2016, 460, 211-219.	0.5	39
29	The Relation Between Thyroid Function and Anemia: A Pooled Analysis of Individual Participant Data. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3658-3667.	1.8	39
30	Apolipoproteins A1, B, and apoB/apoA1 ratio are associated with first ST-segment elevation myocardial infarction but not with recurrent events during long-term follow-up. Clinical Research in Cardiology, 2019, 108, 520-538.	1.5	39
31	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. PLoS ONE, 2015, 10, e0139973.	1.1	39
32	Analytical performance evaluation of the Cobas 6000 analyzer â€“ special emphasis on trueness verification. Clinical Chemistry and Laboratory Medicine, 2008, 46, 863-71.	1.4	37
33	Quantification of serum apolipoproteins A-I and B-100 in clinical samples using an automated SISCAPAâ€“MALDI-TOF-MS workflow. Methods, 2015, 81, 74-85.	1.9	37
34	Short-term cooling increases serum triglycerides and small high-density lipoprotein levels in humans. Journal of Clinical Lipidology, 2017, 11, 920-928.e2.	0.6	37
35	ApoB versus non-HDL-C: What to do when they disagree. Current Atherosclerosis Reports, 2009, 11, 358-363.	2.0	36
36	A category 1 EQA scheme for comparison of laboratory performance and method performance: An international pilot study in the framework of the Calibration 2000 project. Clinica Chimica Acta, 2014, 432, 90-98.	0.5	36

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37	Familial Longevity Is Associated With Higher TSH Secretion and Strong TSH-fT3 Relationship. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3806-3813.	1.8	35
38	Reference standardization and triglyceride interference of a new homogeneous HDL-cholesterol assay compared with a former chemical precipitation assay. Clinical Chemistry, 1998, 44, 779-789.	1.5	34
39	Selection, Preparation, and Characterization of Commutable Frozen Human Serum Pools as Potential Secondary Reference Materials for Lipid and Apolipoprotein Measurements: Study within the Framework of the Dutch Project â€œCalibration 2000â€• Clinical Chemistry, 2002, 48, 1526-1538.	1.5	33
40	External Quality Assessment in The Netherlands: time to introduce commutable survey specimens. Lessons from the Dutch â€œCalibration 2000â€•project. Clinical Chemistry and Laboratory Medicine, 2005, 43, 304-7.	1.4	32
41	Predictors of short-term successful discontinuation of continuous renal replacement therapy: results from a prospective multicentre study. BMC Nephrology, 2019, 20, 129.	0.8	32
42	Molecular Diagnostics of Calcineurin-Related Pathologies. Clinical Chemistry, 2012, 58, 511-522.	1.5	31
43	Metrological traceability in mass spectrometry-based targeted protein quantitation: A proof-of-principle study for serum apolipoproteins A-I and B100. Journal of Proteomics, 2014, 109, 143-161.	1.2	31
44	Comparability of Lipoprotein Particle Number Concentrations Across ES-DMA, NMR, LC-MS/MS, Immunonephelometry, and VAP: In Search of a Candidate Reference Measurement Procedure for apoB and non-HDL-P Standardization. Clinical Chemistry, 2018, 64, 1485-1495.	1.5	31
45	Noninvasive assessment of reperfusion and reocclusion after thrombolysis in acute myocardial infarction. American Journal of Cardiology, 1993, 72, G75-G84.	0.7	30
46	Serum Cardiac Troponin-I is Superior to Troponin-T as a Marker for Left Ventricular Dysfunction in Clinically Stable Patients with End-Stage Renal Disease. PLoS ONE, 2015, 10, e0134245.	1.1	30
47	Deficiency of 17,20-lyase causing giant ovarian cysts in a girl and a female phenotype in her 46,XY sister: Case report. Human Reproduction, 2004, 19, 456-459.	0.4	29
48	Commutability Assessment of Potential Reference Materials Using a Multicenter Split-Patient-Sample Between-Field-Methods (Twin-Study) Design: Study within the Framework of the Dutch Project â€œCalibration 2000â€• Clinical Chemistry, 2002, 48, 1520-1525.	1.5	27
49	Apolipoprotein profiling as a personalized approach to the diagnosis and treatment of dyslipidaemia. Annals of Clinical Biochemistry, 2019, 56, 338-356.	0.8	27
50	HILICâ€“MRMâ€“MS for Linkage-Specific Separation of Sialylated Glycopeptides to Quantify Prostate-Specific Antigen Proteoforms. Journal of Proteome Research, 2020, 19, 2708-2716.	1.8	27
51	State and trait variance in salivary Î±-amylase: A behavioral genetic study. Biological Psychology, 2011, 88, 147-154.	1.1	26
52	Expressing analytical performance from multi-sample evaluation in laboratory EQA. Clinical Chemistry and Laboratory Medicine, 2017, 55, 1509-1516.	1.4	26
53	Coronary recanalization rate after intravenous bolus of alteplase in acute myocardial infarction. American Journal of Cardiology, 1991, 68, 161-165.	0.7	25
54	Post-standardization of routine creatinine assays: are they suitable for clinical applications. Annals of Clinical Biochemistry, 2017, 54, 386-394.	0.8	25

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55	NUMBER: standardized reference intervals in the Netherlands using a â€˜big dataâ€™ approach. Clinical Chemistry and Laboratory Medicine, 2018, 57, 42-56.	1.4	25
56	The Time Has Come for Quantitative Protein Mass Spectrometry Tests That Target Unmet Clinical Needs. Journal of the American Society for Mass Spectrometry, 2021, 32, 636-647.	1.2	25
57	Update on apolipoprotein B. Current Opinion in Lipidology, 2021, 32, 226-230.	1.2	25
58	Analytical performance of 17 general chemistry analytes across countries and across manufacturers in the INPUtS project of EQA organizers in Italy, the Netherlands, Portugal, United Kingdom and Spain. Clinical Chemistry and Laboratory Medicine, 2017, 55, 203-211.	1.4	23
59	Targeted Onâ€‘line SPEâ€‘LCâ€‘MS/MS Assay for the Quantitation of 12 Apolipoproteins from Human Blood. Proteomics, 2018, 18, 1700279.	1.3	23
60	Metrological traceability and harmonization of medical tests: a quantum leap forward is needed to keep pace with globalization and stringent IVD-regulations in the 21st century!. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1598-1602.	1.4	23
61	Setting clinical performance specifications to develop and evaluate biomarkers for clinical use. Annals of Clinical Biochemistry, 2019, 56, 527-535.	0.8	23
62	Urinary TIMP-2 Predicts the Presence and Duration of Delayed Graft Function in Donation After Circulatory Death Kidney Transplant Recipients. Transplantation, 2019, 103, 1014-1023.	0.5	23
63	The New EU Regulation on In Vitro Diagnostic Medical Devices: Implications and Preparatory Actions for Diagnostic Laboratories. HemaSphere, 2021, 5, e568.	1.2	22
64	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. Pediatric Research, 2021, 90, 277-283.	1.1	22
65	The quest for equivalence of test results: the pilgrimage of the Dutch Calibration 2.000 program for metrological traceability. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1673-1684.	1.4	20
66	Recognition of Impaired Atomoxetine Metabolism Because of Low CYP2D6 Activity. Pediatric Neurology, 2010, 43, 159-162.	1.0	19
67	Application of a point of care creatinine device for trend monitoring in kidney transplant patients: fit for purpose?. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1547-56.	1.4	19
68	Plasma Cytokine Levels in Relation toÂNeuropsychiatric Symptoms and Cognitive Dysfunction in Huntingtonâ€™s disease. Journal of Huntington's Disease, 2016, 5, 369-377.	0.9	19
69	Practical guide for identifying unmet clinical needs for biomarkers. Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine, 2018, 29, 129-137.	0.7	19
70	Robust and Accurate 2-Year Performance of a Quantitative Mass Spectrometry-Based Apolipoprotein Test in a Clinical Chemistry Laboratory. Clinical Chemistry, 2018, 64, 747-749.	1.5	18
71	Harmonization of External Quality Assessment Schemes and their role â€“ clinical chemistry and beyond. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1587-1590.	1.4	18
72	Quantifying apolipoprotein(a) in the era of proteoforms and precision medicine. Clinica Chimica Acta, 2020, 511, 260-268.	0.5	18

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73	Screening methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. Pediatric Research, 2021, 90, 272-276.	1.1	18
74	Implementation of the new EU IVD regulationÂâ€“ urgent initiatives are needed to avert impending crisis. Clinical Chemistry and Laboratory Medicine, 2021, .	1.4	18
75	Long-term prognostic value of serial troponin T bedside tests in patients with acute coronary syndromes. American Journal of Cardiology, 2000, 86, 623-627.	0.7	17
76	Measurements of neonatal bilirubin and albumin concentrations: a need for improvement and quality control. European Journal of Pediatrics, 2011, 170, 977-982.	1.3	17
77	Use of Automated Urine Microscopy Analysis in Clinical Diagnosis of Urinary Tract Infection: Defining an Optimal Diagnostic Score in an Academic Medical Center Population. Journal of Clinical Microbiology, 2018, 56, .	1.8	17
78	Allergy testing on the IMMULITE 2000 Random-Access immunoanalyzer â€“ a clinical evaluation study. Clinical Chemistry and Laboratory Medicine, 2005, 43, 772-81.	1.4	16
79	Association of apolipoproteins C-I, C-II, C-III and E with coagulation markers and venous thromboembolism risk . Clinical Epidemiology, 2019, Volume 11, 625-633.	1.5	16
80	Kidney injury biomarkers in an academic hospital setting: where are we now?. , 2019, 40, 79-97.		16
81	Preanalytical Storage Does Not Affect 99th Percentile Cardiac Troponin T Concentrations Measured with a High-Sensitivity Assay. Clinical Chemistry, 2013, 59, 442-443.	1.5	15
82	Bringing Greater Accuracy to Europeâ€™s Healthcare Systems: The Unexploited Potential of Biomarker Testing in Oncology. Biomedicine Hub, 2020, 5, 1-42.	0.4	15
83	Comparison of Some Recent Methods for the Differentiation of Elevated Serum Amylase and the Detection of Macroamylasaemia. Annals of Clinical Biochemistry, 1989, 26, 422-426.	0.8	14
84	Evening salivary alpha-amylase, major depressive disorder, and antidepressant use in the Netherlands Study of Depression and Anxiety (NESDA). Psychiatry Research, 2013, 208, 41-46.	1.7	14
85	Proteoform Analysis to Fulfill Unmet Clinical Needs and Reach Global Standardization of Protein Measurands in Clinical Chemistry Proteomics. Clinics in Laboratory Medicine, 2018, 38, 487-497.	0.7	14
86	Rational selection of a biomarker panel targeting unmet clinical needs in kidney injury. Clinical Proteomics, 2021, 18, 10.	1.1	14
87	Low levels of apolipoprotein-CII in normotriglyceridemic patients with very premature coronary artery disease: Observations from the MISSION! Intervention study. Journal of Clinical Lipidology, 2017, 11, 1407-1414.	0.6	13
88	Development and Provisional Validation of a Multiplex LC-MRM-MS Test for Timely Kidney Injury Detection in Urine. Journal of Proteome Research, 2021, 20, 5304-5314.	1.8	13
89	Improving diagnosis of adult-type hypolactasia in patients with abdominal complaints. Clinical Chemistry and Laboratory Medicine, 2012, 50, 119-23.	1.4	12
90	Big data and reference intervals: rationale, current practices, harmonization and standardization prerequisites and future perspectives of indirect determination of reference intervals using routine data. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 9-16.	0.1	12

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91	Thrombolysis-induced coronary reperfusion causes acute and massive interstitial release of cardiac muscle cell proteins. Cardiovascular Research, 1997, 33, 147-155.	1.8	11
92	Determinants of salivary evening alpha-amylase in a large sample free of psychopathology. International Journal of Psychophysiology, 2012, 84, 33-38.	0.5	11
93	Harmonisation of seven common enzyme results through EQA. Clinical Chemistry and Laboratory Medicine, 2014, 52, 1549-55.	1.4	11
94	A comparative study of conventional versus new, magnesium-poor VacutainerÂ® Sodium Citrate blood collection tubes for determination of prothrombin time and INR. Thrombosis Research, 2014, 134, 187-191.	0.8	11
95	Detecting molecular forms of antithrombin by LC-MRM-MS: defining the measurands. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1704-1714.	1.4	11
96	The predictive value of TIMP-2 and IGFBP7 for kidney failure and 30-day mortality after elective cardiac surgery. Scientific Reports, 2021, 11, 1071.	1.6	11
97	Will future troponin measurement overrule the ECG as the primary diagnostic tool in patients with acute coronary syndrome?. Journal of Electrocardiology, 2013, 46, 312-317.	0.4	10
98	Prospective applications of ultrahigh resolution proteomics in clinical mass spectrometry. Expert Review of Proteomics, 2016, 13, 1063-1071.	1.3	10
99	Fibrinogen determination according to Clauss: commutability assessment of International and commercial standards and quality control samples. Clinical Chemistry and Laboratory Medicine, 2017, 55, 1761-1769.	1.4	10
100	Glucose and total protein: unacceptable interference on Jaffe creatinine assays in patients. Clinical Chemistry and Laboratory Medicine, 2018, 56, e185-e187.	1.4	10
101	Comprehensive (apo)lipoprotein profiling in patients with genetic hypertriglyceridemia using LC-MS and NMR spectroscopy. Journal of Clinical Lipidology, 2022, 16, 472-482.	0.6	10
102	Genotyping of Hemochromatosis-Associated Mutations in the HFE Gene by PCR-RFLP and a Novel Revers Hybridization Method. Clinical Chemistry and Laboratory Medicine, 2002, 40, 122-5.	1.4	9
103	Time- and temperature-dependent stability of troponin standard reference material 2921 in serum and plasma. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1681-4.	1.4	9
104	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. PLoS ONE, 2015, 10, e0133119.	1.1	9
105	Stem and Progenitor Cell Therapy for Pulmonary Arterial Hypertension: Effects on the Right Ventricle (2013 Grover Conference Series). Pulmonary Circulation, 2015, 5, 73-80.	0.8	9
106	MS-based proteomics: a metrological sound and robust alternative for apolipoprotein E phenotyping in a multiplexed test. Clinical Chemistry and Laboratory Medicine, 2019, 57, e102-e104.	1.4	8
107	Paving the way for establishing a reference measurement system for standardization of plasma prothrombin time: Harmonizing the manual tilt tube method. Journal of Thrombosis and Haemostasis, 2020, 18, 1986-1994.	1.9	8
108	Should LC-MS/MS Be the Reference Measurement Procedure to Determine Protein Concentrations in Human Samples?. Clinical Chemistry, 2021, 67, 466-471.	1.5	8

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109	Lipoprotein(a) Changes during and after Coronary Artery Bypass Grafting: An Epiphenomenon?. Annals of Clinical Biochemistry, 1998, 35, 75-79.	0.8	7
110	Bilirubin Standardization in the Netherlands: Alignment within and between Manufacturers. Clinical Chemistry, 2010, 56, 872-873.	1.5	7
111	Interlaboratory Collaboration for Optimized Screening for Urinary Tract Infection. Journal of Clinical Microbiology, 2016, 54, 93-98.	1.8	7
112	Time for a holistic approach and standardization education in laboratory medicine. Clinical Chemistry and Laboratory Medicine, 2017, 55, 311-313.	1.4	7
113	Predictors of 90-Day Restart of Renal Replacement Therapy after Discontinuation of Continuous Renal Replacement Therapy, a Prospective Multicenter Study. Blood Purification, 2019, 48, 243-252.	0.9	7
114	Growth Differentiation Factor-15 Levels at Admission Provide Incremental Prognostic Information on All-Cause Long-term Mortality in ST-Segment Elevation Myocardial Infarction Patients Treated with Primary Percutaneous Coronary Intervention. Cardiology and Therapy, 2019, 8, 29-41.	1.1	7
115	We need to talk about the analytical performance of our laboratory developed clinical LC-MS/MS tests, and start separating the wheat from the chaff. Clinica Chimica Acta, 2021, 514, 80-83.	0.5	7
116	Critical Implications of IVDR for Innovation in Diagnostics: Input From the BioMed Alliance Diagnostics Task Force. HemaSphere, 2022, 6, e724.	1.2	7
117	Total Error Evaluation of Roche Direct HDL-Cholesterol Reagent and Calibrator across 31 Lot Combinations: A 2-Year Experience. Clinical Chemistry, 2000, 46, 133-134.	1.5	6
118	The diagnostic performance of allergen-molecules in comparison to allergen-extracts. Clinical Chemistry and Laboratory Medicine, 2012, 50, 129-32.	1.4	6
119	Creatinine, Jaffe, and glucose: another inconvenient truth. Clinical Chemistry and Laboratory Medicine, 2015, 53, e347-9.	1.4	6
120	A multicenter comparison of whole blood vitamin B6 assays. Clinical Chemistry and Laboratory Medicine, 2016, 54, 609-16.	1.4	6
121	Automated urinalysis combining physicochemical analysis, on-board centrifugation, and digital imaging in one system: A multicenter performance evaluation of the cobas 6500 urine work area. Practical Laboratory Medicine, 2019, 17, e00139.	0.6	6
122	Requirement of a reference measurement system for the tissue factor-induced coagulation time and the international normalized ratio. Clinical Chemistry and Laboratory Medicine, 2019, 57, e169-e172.	1.4	6
123	Precision, Accuracy and Linearity of Radiometer EMLÂ 105 Whole Blood Metabolite Biosensors. Annals of Clinical Biochemistry, 1999, 36, 730-738.	0.8	5
124	Confounding factors in the relation between high sensitivity cardiac troponin T levels in serum and infarct size of patients with first ST-elevation myocardial infarction. International Journal of Cardiology, 2014, 172, e3-e5.	0.8	5
125	Fast 0/1-h algorithm for detection of NSTEMI: are current high-sensitivity cardiac troponin assays fit for purpose? An EQA-based evaluation. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1999-2007.	1.4	5
126	Accuracy assessment of consecutive test strip lots for whole blood INR point-of-care instruments: clarifying the role of frozen plasma pools. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1349-1357.	1.4	5

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127	Plasma LDL-Cholesterol Level at Admission is Independently Associated with Infarct Size in Patients with ST-Segment Elevation Myocardial Infarction Treated with Primary Percutaneous Coronary Intervention. Cardiology and Therapy, 2019, 8, 55-67.	1.1	5
128	Adiposity is a confounding factor which largely explains the association of serum vitamin D concentrations with C-reactive protein, leptin and adiponectin. Cytokine, 2020, 131, 155104.	1.4	5
129	Interchangeability of sodium and chloride measurements by indirect and direct ISE assays: Stakeholders, take responsibility!. Practical Laboratory Medicine, 2019, 16, e00126.	0.6	4
130	Indirect determination of biochemistry reference intervals using outpatient data. PLoS ONE, 2022, 17, e0268522.	1.1	4
131	Performance of a Direct, Immunoseparation Based LDL-Cholesterol Method Compared to Friedewald Calculation and a Polyvinyl Sulphate Precipitation Method. Clinical Chemistry and Laboratory Medicine, 1995, 33, 417-24.	1.4	3
132	How to define reference intervals to rule in healthy individuals for clinical trials?. Clinical Chemistry and Laboratory Medicine, 2017, 55, e59-e61.	1.4	3
133	Urinary Tissue Inhibitor ofÂMetalloproteinases-2 and Insulin-Like Growth Factorâ€“Binding Protein 7 Do Not Correlate With Disease Severity in ADPKD Patients. Kidney International Reports, 2019, 4, 833-841.	0.4	3
134	Perioperative proADM-change is associated with the development of acute respiratory distress syndrome in critically ill cardiac surgery patients: a prospective cohort study. Biomarkers in Medicine, 2019, 13, 1081-1091.	0.6	3
135	Unraveling a borderline antithrombin deficiency case with quantitative mass spectrometry. Journal of Thrombosis and Haemostasis, 2022, 20, 145-148.	1.9	3
136	Assignment of international normalized ratio to frozen and freeze-dried pooled plasmas. Clinical Chemistry and Laboratory Medicine, 2020, 58, 2089-2097.	1.4	3
137	Multiplex LC-MS/MS Testing for Early Detection of Kidney Injury: A Next-Generation Alternative to Conventional Immunoassays?. journal of applied laboratory medicine, The, 2022, 7, 923-930.	0.6	3
138	Regional differences of HFE (C282Y, H63D) allele frequencies in the Netherlands A model case illustrating the significance of genographics and prehistorical population migration. Acta Clinica Belgica, 2012, 67, 430-5.	0.5	3
139	Lack of association between raised serum lipoprotein(a) and thrombolysis. Lancet, The, 1990, 336, 1587-1588.	6.3	2
140	Presence of the Hemochromatosis S65C Mutation Leads to Failure of Amplification in a Multiplex C282Y/H63D PCR. Clinical Chemistry, 2007, 53, 1715-1715.	1.5	2
141	Freeze-thaw and matrix effects in direct high-density lipoprotein cholesterol methods. Clinical Chemistry and Laboratory Medicine, 2009, 47, 172-6.	1.4	2
142	Temperature-dependent instability of the cTnI subunit in NIST SRM2921 characterized by tryptic peptide mapping. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 902, 147-150.	1.2	2
143	Biochemical risk factors of atherosclerotic cardiovascular disease: from a narrow and controversial approach to an integral approach and precision medicine. Expert Review of Cardiovascular Therapy, 2021, 19, 1085-1096.	0.6	2
144	Interference by macroprolactin in assays for prolactin: will the InÂVitro Diagnostics Regulation lead to a solution at last?. Clinical Chemistry and Laboratory Medicine, 2022, .	1.4	2

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145	Structured handoff at shift change in a clinical laboratory increases patient safety. Clinical Chemistry and Laboratory Medicine, 2013, 51, e127-e128.	1.4	1
146	Familial Longevity Is Not Associated with Major Differences in the Hypothalamicâ€“Pituitaryâ€“Gonadal Axis in Healthy Middle-Aged Men. Frontiers in Endocrinology, 2016, 7, 143.	1.5	1
147	Interference of glucose and total protein on Jaffe based creatinine methods: mind the covolume â€“ reply. Clinical Chemistry and Laboratory Medicine, 2018, 56, e190-e190.	1.4	1
148	Non-lytic antibiotic treatment in community-acquired pneumococcal pneumonia does not attenuate inflammation: the PRISTINE trial. Journal of Antimicrobial Chemotherapy, 2019, 74, 2385-2393.	1.3	1
149	Designing a diagnostic Total Testing Process as a base for supporting diagnostic stewardship. Clinical Chemistry and Laboratory Medicine, 2021, 59, 473-489.	1.4	1
150	Effect of the reaction temperature on the prothrombin time and the apparent International Normalized Ratio determined with International Standards for thromboplastins. International Journal of Laboratory Hematology, 2021, , .	0.7	1
151	Keeping Ebola out of the lab: a practical solution on how to analyze Ebola associated blood anomalies. Clinical Chemistry and Laboratory Medicine, 2016, 54, e353-e357.	1.4	0
152	Prevalence of redâ€bloodâ€cell and nonâ€redâ€bloodâ€cellâ€targeted autoantibodies in alloimmunized postpartum women. Vox Sanguinis, 2020, 115, 783-789.	0.7	0
153	Bias and uncertainty of the International Normalized Ratio determined with a whole blood point-of-care prothrombin time test device by comparison to a new International Standard for thromboplastin. Thrombosis Research, 2021, 202, 1-7.	0.8	0
154	Successfully meeting analytical expectations for the fast 0/1-h algorithm for NSTEMI by internal control procedures for cardiac troponin T. Clinical Chemistry and Laboratory Medicine, 2021, 59, e13-e17.	1.4	0
155	Big data e intervalos de referencia: motivaciÃ³n, prÃ¡cticas actuales, prerrequisitos de armonizaciÃ³n y estandarizaciÃ³n y futuras perspectivas en el cÃ¡lculo de intervalos de referencia mediante mÃ©todos indirectos. Advances in Laboratory Medicine / Avances En Medicina De Laboratorio, 2021, 2, 17-25.	0.1	0