

Christa M Cobbaert

List of Publications by Citations

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146
papers

3,022
citations

31
h-index

48
g-index

156
ext. papers

3,686
ext. citations

4.9
avg, IF

5.01
L-index

#	Paper	IF	Citations
146	Fasting is not routinely required for determination of a lipid profile: clinical and laboratory implications including flagging at desirable concentration cut-points-a joint consensus statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. <i>European Heart Journal</i> , 2011 , 32, 1074-76	9.5	353
145	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. <i>Clinical Chemistry</i> , 2018 , 64, 1006-1033	5.5	124
144	From biomarkers to medical tests: the changing landscape of test evaluation. <i>Clinica Chimica Acta</i> , 2014 , 427, 49-57	6.2	112
143	Fasting Is Not Routinely Required for Determination of a Lipid Profile: Clinical and Laboratory Implications Including Flagging at Desirable Concentration Cutpoints-A Joint Consensus Statement from the European Atherosclerosis Society and European Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry</i> , 2016 , 62, 930-46	5.5	104
142	Prime time for enzymatic creatinine methods in pediatrics. <i>Clinical Chemistry</i> , 2009 , 55, 549-58	5.5	82
141	Detection of coronary artery reperfusion with creatine kinase-MB determinations during thrombolytic therapy: correlation with acute angiography. <i>Journal of the American College of Cardiology</i> , 1988 , 11, 729-34	15.1	78
140	Multicenter evaluation of a homogeneous assay for HDL-cholesterol without sample pretreatment. <i>Clinical Chemistry</i> , 1997 , 43, 1622-1629	5.5	71
139	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. <i>Clinical Chemistry</i> , 2016 , 62, 188-97	5.5	66
138	Oxidative damage in clinical ischemia/reperfusion injury: a reappraisal. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 535-45	8.4	61
137	Serum lipoprotein(a) levels in racially different populations. <i>American Journal of Epidemiology</i> , 1992 , 136, 441-9	3.8	61
136	Clinical evaluation of analytical variations in serum creatinine measurements: why laboratories should abandon Jaffe techniques. <i>BMC Nephrology</i> , 2012 , 13, 133	2.7	50
135	Quantifying atherogenic lipoproteins for lipid-lowering strategies: consensus-based recommendations from EAS and EFLM. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 496-517	5.9	50
134	Quantifying atherogenic lipoproteins for lipid-lowering strategies: Consensus-based recommendations from EAS and EFLM. <i>Atherosclerosis</i> , 2020 , 294, 46-61	3.1	49
133	Growth hormone secretion is diminished and tightly controlled in humans enriched for familial longevity. <i>Aging Cell</i> , 2016 , 15, 1126-1131	9.9	49
132	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. Regression Growth Evaluation Statin Study (REGRESS) Study Group. <i>Journal of Lipid Research</i> , 2007 , 48, 2011-20	15.1	48
131	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, 1319-25	5.9	40
130	Clinical impact of direct HDLc and LDLc method bias in hypertriglyceridemia. A simulation study of the EAS-EFLM Collaborative Project Group. <i>Atherosclerosis</i> , 2014 , 233, 83-90	3.1	39

129	Evaluation of interspecimen trypsin digestion efficiency prior to multiple reaction monitoring-based absolute protein quantification with native protein calibrators. <i>Journal of Proteome Research</i> , 2013 , 12, 5760-74	5.6	36
128	Systematic monitoring of standardization and harmonization status with commutable EQA-samples--five year experience from the Netherlands. <i>Clinica Chimica Acta</i> , 2012 , 414, 234-40	6.2	35
127	Significance of various parameters derived from biological variability of lipoprotein(a), homocysteine, cysteine, and total antioxidant status. <i>Clinical Chemistry</i> , 1997 , 43, 1958-1964	5.5	35
126	Quantifying protein measurands by peptide measurements: where do errors arise?. <i>Journal of Proteome Research</i> , 2015 , 14, 928-42	5.6	34
125	Analytical performance evaluation of the Cobas 6000 analyzer - special emphasis on trueness verification. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 863-71	5.9	34
124	Sex differences in body fat distribution are related to sex differences in serum leptin and adiponectin. <i>Peptides</i> , 2018 , 107, 25-31	3.8	33
123	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
122	Quantification of serum apolipoproteins A-I and B-100 in clinical samples using an automated SISCAPA-MALDI-TOF-MS workflow. <i>Methods</i> , 2015 , 81, 74-85	4.6	32
121	Setting analytical performance specifications based on outcome studies - is it possible?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 841-8	5.9	32
120	Reference standardization and triglyceride interference of a new homogeneous HDL-cholesterol assay compared with a former chemical precipitation assay. <i>Clinical Chemistry</i> , 1998 , 44, 779-789	5.5	32
119	Effect of Anthelmintic Treatment on Insulin Resistance: A Cluster-Randomized, Placebo-Controlled Trial in Indonesia. <i>Clinical Infectious Diseases</i> , 2017 , 65, 764-771	11.6	31
118	Biomarker development targeting unmet clinical needs. <i>Clinica Chimica Acta</i> , 2016 , 460, 211-9	6.2	31
117	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. <i>American Journal of Cardiology</i> , 2013 , 111, 1387-93	3	31
116	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. <i>Clinica Chimica Acta</i> , 2014 , 432, 90-8	6.2	31
115	ApoB versus non-HDL-C: what to do when they disagree. <i>Current Atherosclerosis Reports</i> , 2009 , 11, 358-68		31
114	Molecular diagnostics of calcineurin-related pathologies. <i>Clinical Chemistry</i> , 2012 , 58, 511-22	5.5	31
113	Familial Longevity Is Associated With Higher TSH Secretion and Strong TSH-FT3 Relationship. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3806-13	5.6	26
112	Metrological traceability in mass spectrometry-based targeted protein quantitation: a proof-of-principle study for serum apolipoproteins A-I and B100. <i>Journal of Proteomics</i> , 2014 , 109, 143-61	3.9	26

111	External Quality Assessment in The Netherlands: time to introduce commutable survey specimens. Lessons from the Dutch "Calibration 2000" project. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 304-7	5.9	25
110	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 "Calibration 2000" <i>Clinical Chemistry</i> , 2002 , 48, 1520-1525	5.5	25
109	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 "Calibration 2000" <i>Clinical Chemistry</i> , 2002 , 48, 1526-1538	5.5	25
108	Noninvasive assessment of reperfusion and reocclusion after thrombolysis in acute myocardial infarction. <i>American Journal of Cardiology</i> , 1993 , 72, 75G-84G	3	25
107	Deficiency of 17,20-lyase causing giant ovarian cysts in a girl and a female phenotype in her 46,XY sister: case report. <i>Human Reproduction</i> , 2004 , 19, 456-9	5.7	24
106	State and trait variance in salivary α -amylase: a behavioral genetic study. <i>Biological Psychology</i> , 2011 , 88, 147-54	3.2	23
105	Coronary recanalization rate after intravenous bolus of alteplase in acute myocardial infarction. <i>American Journal of Cardiology</i> , 1991 , 68, 161-5	3	23
104	Accuracy of Continuous Glucose Monitoring Measurements in Normo-Glycemic Individuals. <i>PLoS ONE</i> , 2015 , 10, e0139973	3.7	23
103	Short-term cooling increases serum triglycerides and small high-density lipoprotein levels in humans. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 920-928.e2	4.9	23
102	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. <i>PLoS ONE</i> , 2015 , 10, e0134245	3.7	22
101	Post-standardization of routine creatinine assays: are they suitable for clinical applications. <i>Annals of Clinical Biochemistry</i> , 2017 , 54, 386-394	2.2	21
100	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. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 203-211	5.9	19
99	The Relation Between Thyroid Function and Anemia: A Pooled Analysis of Individual Participant Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3658-3667	5.6	19
98	Apolipoprotein profiling as a personalized approach to the diagnosis and treatment of dyslipidaemia. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 338-356	2.2	18
97	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. <i>Clinical Research in Cardiology</i> , 2019 , 108, 520-538	6.1	18
96	NUMBER: standardized reference intervals in the Netherlands using a 'big data' approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 57, 42-56	5.9	17
95	Expressing analytical performance from multi-sample evaluation in laboratory EQA. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1509-1516	5.9	16
94	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. <i>Clinical Chemistry</i> , 2018 , 64, 1485-1495	5.5	16

93	Allergy testing on the IMMULITE 2000 Random-Access immunoanalyzer - a clinical evaluation study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 772-81	5.9	16
92	Urinary TIMP-2 Predicts the Presence and Duration of Delayed Graft Function in Donation After Circulatory Death Kidney Transplant Recipients. <i>Transplantation</i> , 2019 , 103, 1014-1023	1.8	16
91	Application of a point of care creatinine device for trend monitoring in kidney transplant patients: fit for purpose?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 1547-56	5.9	15
90	Robust and Accurate 2-Year Performance of a Quantitative Mass Spectrometry-Based Apolipoprotein Test in a Clinical Chemistry Laboratory. <i>Clinical Chemistry</i> , 2018 , 64, 747-749	5.5	15
89	Targeted On-line SPE-LC-MS/MS Assay for the Quantitation of 12 Apolipoproteins from Human Blood. <i>Proteomics</i> , 2018 , 18, 1700279	4.8	15
88	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!. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1598-1602	5.9	15
87	Recognition of impaired atomoxetine metabolism because of low CYP2D6 activity. <i>Pediatric Neurology</i> , 2010 , 43, 159-62	2.9	15
86	Long-term prognostic value of serial troponin T bedside tests in patients with acute coronary syndromes. <i>American Journal of Cardiology</i> , 2000 , 86, 623-7	3	15
85	The quest for equivalence of test results: the pilgrimage of the Dutch Calibration 2.000 program for metrological traceability. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1673-1684	5.9	14
84	Preanalytical storage does not affect 99th percentile cardiac troponin T concentrations measured with a high-sensitivity assay. <i>Clinical Chemistry</i> , 2013 , 59, 442-3	5.5	14
83	Practical guide for identifying unmet clinical needs for biomarkers. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2018 , 29, 129-137	2.4	14
82	Predictors of short-term successful discontinuation of continuous renal replacement therapy: results from a prospective multicentre study. <i>BMC Nephrology</i> , 2019 , 20, 129	2.7	13
81	Evening salivary alpha-amylase, major depressive disorder, and antidepressant use in the Netherlands Study of Depression and Anxiety (NESDA). <i>Psychiatry Research</i> , 2013 , 208, 41-6	9.9	13
80	Kidney Injury Biomarkers in an Academic Hospital Setting: Where Are We Now?. <i>Clinical Biochemist Reviews</i> , 2019 , 40, 79-97	7.3	12
79	Setting clinical performance specifications to develop and evaluate biomarkers for clinical use. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 527-535	2.2	12
78	HILIC-MRM-MS for Linkage-Specific Separation of Sialylated Glycopeptides to Quantify Prostate-Specific Antigen Proteoforms. <i>Journal of Proteome Research</i> , 2020 , 19, 2708-2716	5.6	12
77	Measurements of neonatal bilirubin and albumin concentrations: a need for improvement and quality control. <i>European Journal of Pediatrics</i> , 2011 , 170, 977-82	4.1	12
76	Plasma Cytokine Levels in Relation to Neuropsychiatric Symptoms and Cognitive Dysfunction in Huntington's disease. <i>Journal of Huntington's Disease</i> , 2016 , 5, 369-377	1.9	12

75	Use of Automated Urine Microscopy Analysis in Clinical Diagnosis of Urinary Tract Infection: Defining an Optimal Diagnostic Score in an Academic Medical Center Population. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7	11
74	Harmonization of External Quality Assessment Schemes and their role - clinical chemistry and beyond. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1587-1590	5.9	11
73	Proteoform Analysis to Fulfill Unmet Clinical Needs and Reach Global Standardization of Protein Measurands in Clinical Chemistry Proteomics. <i>Clinics in Laboratory Medicine</i> , 2018 , 38, 487-497	2.1	11
72	Improving diagnosis of adult-type hypolactasia in patients with abdominal complaints. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 119-23	5.9	11
71	Thrombolysis-induced coronary reperfusion causes acute and massive interstitial release of cardiac muscle cell proteins. <i>Cardiovascular Research</i> , 1997 , 33, 147-55	9.9	11
70	Comparison of some recent methods for the differentiation of elevated serum amylase and the detection of macroamylasaemia. <i>Annals of Clinical Biochemistry</i> , 1989 , 26 (Pt 5), 422-6	2.2	11
69	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. <i>Clinical Chemistry</i> , 2021 , 67, 478-489	5.5	11
68	Prospective applications of ultrahigh resolution proteomics in clinical mass spectrometry. <i>Expert Review of Proteomics</i> , 2016 , 13, 1063-1071	4.2	10
67	Association of apolipoproteins C-I, C-II, C-III and E with coagulation markers and venous thromboembolism risk. <i>Clinical Epidemiology</i> , 2019 , 11, 625-633	5.9	10
66	Low levels of apolipoprotein-CII in normotriglyceridemic patients with very premature coronary artery disease: Observations from the MISSION! Intervention study. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 1407-1414	4.9	10
65	Harmonisation of seven common enzyme results through EQA. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1549-55	5.9	10
64	Determinants of salivary evening α -amylase in a large sample free of psychopathology. <i>International Journal of Psychophysiology</i> , 2012 , 84, 33-8	2.9	10
63	Implementation of the new EU IVD regulation - urgent initiatives are needed to avert impending crisis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	9
62	Detecting molecular forms of antithrombin by LC-MRM-MS: defining the measurands. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1704-1714	5.9	8
61	Characterization of the Hypothalamic-Pituitary-Adrenal-Axis in Familial Longevity under Resting Conditions. <i>PLoS ONE</i> , 2015 , 10, e0133119	3.7	8
60	A comparative study of conventional versus new, magnesium-poor Vacutainer [®] Sodium Citrate blood collection tubes for determination of prothrombin time and INR. <i>Thrombosis Research</i> , 2014 , 134, 187-91	8.2	8
59	Will future troponin measurement overrule the ECG as the primary diagnostic tool in patients with acute coronary syndrome?. <i>Journal of Electrocardiology</i> , 2013 , 46, 312-7	1.4	8
58	Time- and temperature-dependent stability of troponin standard reference material 2921 in serum and plasma. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1681-4	5.9	8

57	Fibrinogen determination according to Clauss: commutability assessment of International and commercial standards and quality control samples. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1761-1769	5.9	7
56	Stem and progenitor cell therapy for pulmonary arterial hypertension: effects on the right ventricle (2013 Grover Conference Series). <i>Pulmonary Circulation</i> , 2015 , 5, 73-80	2.7	7
55	Glucose and total protein: unacceptable interference on Jaffe creatinine assays in patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e185-e187	5.9	7
54	Interlaboratory Collaboration for Optimized Screening for Urinary Tract Infection. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 93-8	9.7	7
53	Lipoprotein(a) changes during and after coronary artery bypass grafting: an epiphenomenon?. <i>Annals of Clinical Biochemistry</i> , 1998 , 35 (Pt 1), 75-9	2.2	7
52	Big data and reference intervals: rationale, current practices, harmonization and standardization prerequisites and future perspectives of indirect determination of reference intervals using routine data. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2021 , 2, 9-16	1.3	7
51	Creatinine, Jaffe, and glucose: another inconvenient truth. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e347-9	5.9	6
50	Bringing Greater Accuracy to Europe's Healthcare Systems: The Unexploited Potential of Biomarker Testing in Oncology. <i>Biomedicine Hub</i> , 2020 , 5, 182-223	1.3	6
49	Diagnostic methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , 2021 , 90, 277-283	3.2	6
48	MS-based proteomics: a metrological sound and robust alternative for apolipoprotein E phenotyping in a multiplexed test. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e102-e104	5.9	6
47	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. <i>Cardiology and Therapy</i> , 2019 , 8, 29-41	2.8	5
46	Paving the way for establishing a reference measurement system for standardization of plasma prothrombin time: Harmonizing the manual tilt tube method. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1986-1994	15.4	5
45	A multicenter comparison of whole blood vitamin B6 assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 609-16	5.9	5
44	Predictors of 90-Day Restart of Renal Replacement Therapy after Discontinuation of Continuous Renal Replacement Therapy, a Prospective Multicenter Study. <i>Blood Purification</i> , 2019 , 48, 243-252	3.1	5
43	The diagnostic performance of allergen-molecules in comparison to allergen-extracts. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 129-32	5.9	5
42	Bilirubin standardization in the Netherlands: alignment within and between manufacturers. <i>Clinical Chemistry</i> , 2010 , 56, 872-3	5.5	5
41	Genotyping of hemochromatosis-associated mutations in the HFE gene by PCR-RFLP and a novel reverse hybridization method. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 122-5	5.9	5
40	Total Error Evaluation of Roche Direct HDL-Cholesterol Reagent and Calibrator across 31 Lot Combinations: A 2-Year Experience. <i>Clinical Chemistry</i> , 2000 , 46, 133-134	5.5	5

39	Quantifying apolipoprotein(a) in the era of proteoforms and precision medicine. <i>Clinica Chimica Acta</i> , 2020 , 511, 260-268	6.2	5
38	The Time Has Come for Quantitative Protein Mass Spectrometry Tests That Target Unmet Clinical Needs. <i>Journal of the American Society for Mass Spectrometry</i> , 2021 , 32, 636-647	3.5	5
37	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. <i>Practical Laboratory Medicine</i> , 2019 , 17, e00139	1.7	4
36	Accuracy assessment of consecutive test strip lots for whole blood INR point-of-care instruments: clarifying the role of frozen plasma pools. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1349-1357 ⁹	5.9	4
35	Fast 0/1-h algorithm for detection of NSTEMI: are current high-sensitivity cardiac troponin assays fit for purpose? An EQA-based evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1999-2007	5.9	4
34	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. <i>International Journal of Cardiology</i> , 2014 , 172, e3-5	3.2	4
33	Precision, accuracy and linearity of radiometer EML 105 whole blood metabolite biosensors. <i>Annals of Clinical Biochemistry</i> , 1999 , 36 (Pt 6), 730-8	2.2	4
32	Update on apolipoprotein B. <i>Current Opinion in Lipidology</i> , 2021 , 32, 226-230	4.4	4
31	Requirement of a reference measurement system for the tissue factor-induced coagulation time and the international normalized ratio. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, e169-e172	5.9	4
30	How to define reference intervals to rule in healthy individuals for clinical trials?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, e59-e61	5.9	3
29	Development and Provisional Validation of a Multiplex LC-MRM-MS Test for Timely Kidney Injury Detection in Urine. <i>Journal of Proteome Research</i> , 2021 , 20, 5304-5314	5.6	3
28	Adiposity is a confounding factor which largely explains the association of serum vitamin D concentrations with C-reactive protein, leptin and adiponectin. <i>Cytokine</i> , 2020 , 131, 155104	4	3
27	Rational selection of a biomarker panel targeting unmet clinical needs in kidney injury. <i>Clinical Proteomics</i> , 2021 , 18, 10	5	3
26	The predictive value of TIMP-2 and IGFBP7 for kidney failure and 30-day mortality after elective cardiac surgery. <i>Scientific Reports</i> , 2021 , 11, 1071	4.9	3
25	Urinary Tissue Inhibitor of Metalloproteinases-2 and Insulin-Like Growth Factor-Binding Protein 7 Do Not Correlate With Disease Severity in ADPKD Patients. <i>Kidney International Reports</i> , 2019 , 4, 833-841 ¹	4.1	2
24	Interchangeability of sodium and chloride measurements by indirect and direct ISE assays: Stakeholders, take responsibility!. <i>Practical Laboratory Medicine</i> , 2019 , 16, e00126	1.7	2
23	Temperature-dependent instability of the cTnI subunit in NIST SRM2921 characterized by tryptic peptide mapping. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 902, 147-50	3.2	2
22	Freeze-thaw and matrix effects in direct high-density lipoprotein cholesterol methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 172-6	5.9	2

21	Performance of a direct, immunoseparation based LDL-cholesterol method compared to Friedewald calculation and a polyvinyl sulphate precipitation method. <i>Clinical Chemistry and Laboratory Medicine</i> , 1995 , 33, 417-24	5.9	2
20	Lack of association between raised serum lipoprotein(a) and thrombolysis. <i>Lancet, The</i> , 1990 , 336, 1587-8	4.0	2
19	Assignment of international normalized ratio to frozen and freeze-dried pooled plasmas. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 2089-2097	5.9	2
18	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. <i>Clinica Chimica Acta</i> , 2021 , 514, 80-83	6.2	2
17	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. <i>Cardiology and Therapy</i> , 2019 , 8, 55-67	2.8	2
16	Perioperative proADM-change is associated with the development of acute respiratory distress syndrome in critically ill cardiac surgery patients: a prospective cohort study. <i>Biomarkers in Medicine</i> , 2019 , 13, 1081-1091	2.3	2
15	Regional differences of HFE (C282Y, H63D) allele frequencies in the Netherlands A model case illustrating the significance of genographics and prehistorical population migration. <i>Acta Clinica Belgica</i> , 2012 , 67, 430-5	1.8	2
14	Presence of the hemochromatosis S65C mutation leads to failure of amplification in a multiplex C282Y/H63D PCR. <i>Clinical Chemistry</i> , 2007 , 53, 1715	5.5	1
13	Screening methods for neonatal hyperbilirubinemia: benefits, limitations, requirements, and novel developments. <i>Pediatric Research</i> , 2021 , 90, 272-276	3.2	1
12	Familial Longevity Is Not Associated with Major Differences in the Hypothalamic-Pituitary-Gonadal Axis in Healthy Middle-Aged Men. <i>Frontiers in Endocrinology</i> , 2016 , 7, 143	5.7	1
11	Indirect determination of biochemistry reference intervals using outpatient data.. <i>PLoS ONE</i> , 2022 , 17, e0268522	3.7	1
10	Non-lytic antibiotic treatment in community-acquired pneumococcal pneumonia does not attenuate inflammation: the PRISTINE trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 2385-2393	5.1	0
9	Structured handoff at shift change in a clinical laboratory increases patient safety. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, e127-8	5.9	0
8	Should LC-MS/MS Be the Reference Measurement Procedure to Determine Protein Concentrations in Human Samples?. <i>Clinical Chemistry</i> , 2021 , 67, 466-471	5.5	0
7	Prevalence of red-blood-cell and non-red-blood-cell-targeted autoantibodies in alloimmunized postpartum women. <i>Vox Sanguinis</i> , 2020 , 115, 783-789	3.1	
6	Interference of glucose and total protein on Jaffe based creatinine methods: mind the covolume - reply. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e190	5.9	
5	Successfully meeting analytical expectations for the fast 0/1-h algorithm for NSTEMI by internal control procedures for cardiac troponin T. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, e13-e17	5.9	
4	Big data e intervalos de referencia: motivaci3n, pr3cticas actuales, prerrequisitos de armonizaci3n y estandarizaci3n y futuras perspectivas en el c3culo de intervalos de referencia mediante m3todos indirectos. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2021 , 2, 17-25	1.3	

- 3 Unraveling a borderline antithrombin deficiency case with quantitative mass spectrometry. *Journal of Thrombosis and Haemostasis*, **2021**, 20, 145 15.4
- 2 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 8.2
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