

Mario Plebani

List of Publications by Year in Descending Order

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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.

1,011
papers

41,580
citations

86
h-index

170
g-index

1,196
ext. papers

50,718
ext. citations

5.1
avg, IF

8.6
L-index

#	Paper	IF	Citations
1011	A rapid semi-quantitative test for determination of SARS-CoV-2 antibody levels.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	1
1010	Neutralizing potency of COVID-19 vaccines against the SARS-CoV-2 Omicron (B.1.1.529) variant.. <i>Journal of Medical Virology</i> , 2022 ,	19.7	5
1009	The presence of anti-SARS-CoV-2 antibodies does not necessarily reflect efficient neutralization.. <i>International Journal of Infectious Diseases</i> , 2022 ,	10.5	1
1008	Virucidal effects of mouthwashes or mouth rinses: a world of caution for molecular detection of SARS-CoV-2 in saliva.. <i>Diagnosis</i> , 2022 ,	4.2	1
1007	Protective SARS-CoV-2 Antibody Response in Children With Inflammatory Bowel Disease.. <i>Frontiers in Pediatrics</i> , 2022 , 10, 815857	3.4	0
1006	Diagnostic performance of the fully automated Roche Elecsys SARS-CoV-2 antigen electrochemiluminescence immunoassay: a pooled analysis.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	7
1005	The Role of Vitamin K in CKD-MBD.. <i>Current Osteoporosis Reports</i> , 2022 , 20, 65	5.4	0
1004	Presepsin value predicts the risk of developing severe/critical COVID-19 illness: results of a pooled analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 , 60, e1-e3	5.9	1
1003	Diabetes mellitus and Parkinson's disease: dangerous liaisons between insulin and dopamine. <i>Neural Regeneration Research</i> , 2022 , 17, 523-533	4.5	2
1002	The many clinical advantages of reporting the cycle threshold (Ct) value.. <i>Annals of Translational Medicine</i> , 2022 , 10, 427	3.2	2
1001	Effects of age, sex, serostatus, and underlying comorbidities on humoral response post-SARS-CoV-2 Pfizer-BioNTech mRNA vaccination: a systematic review.. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022 , 1-18	9.4	6
1000	Fluctuations in Interleukin-6 Levels during Hemodialysis Sessions with Medium Cutoff Membranes: An Analysis on COVID-19 Case Series.. <i>Blood Purification</i> , 2022 , 1-6	3.1	
999	The University of Padua salivary-based SARS-CoV-2 surveillance program minimized viral transmission during the second and third pandemic wave.. <i>BMC Medicine</i> , 2022 , 20, 96	11.4	1
998	Effect of BNT162b2 booster dose on anti-SARS-CoV-2 spike trimeric IgG antibodies in seronegative individuals.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	6
997	In hospital risk factors for acute kidney injury and its burden in patients with Sars-Cov-2 infection: a longitudinal multinational study.. <i>Scientific Reports</i> , 2022 , 12, 3474	4.9	0
996	Reply to: Spurious results for total and free prostate-specific antigen (PSA); sometimes really "a riddle wrapped in a mystery inside an enigma".. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	
995	Immunogenicity and reactogenicity of homologous mRNA-based and vector-based SARS-CoV-2 vaccine regimens in patients receiving maintenance dialysis.. <i>Clinical Immunology</i> , 2022 , 108961	9	1

994	Interferences in immunoassays: review and practical algorithm.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	6
993	The Next Evolution of HemoDialysis eXpanded: From a Delphi Questionnaire-Based Approach to the Real Life of Italian Dialysis Units.. <i>Blood Purification</i> , 2022 , 1-10	3.1	1
992	Diagnostic accuracy of the ultrasensitive S-PLEX SARS-CoV-2 \square N electrochemiluminescence immunoassay.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	2
991	Characterization of the significant decline in humoral immune response six months post-SARS-CoV-2 mRNA vaccination: A systematic review.. <i>Journal of Medical Virology</i> , 2022 ,	19.7	7
990	Fujirebio Lumipulse SARS-CoV-2 antigen immunoassay: pooled analysis of diagnostic accuracy.. <i>Diagnosis</i> , 2022 ,	4.2	6
989	Lipoprotein(a) in COVID-19: Genetics and inflammation collide.. <i>Atherosclerosis</i> , 2022 ,	3.1	
988	Two rapid SARS-CoV-2 disposable devices for semi-quantitative S-RBD antibody levels determination compared with CLIA and ELISA assays at different protective thresholds.. <i>Clinica Chimica Acta</i> , 2022 , 529, 104-108	6.2	
987	Comparative longitudinal variation of total IgG and IgA anti-SARS-CoV-2 antibodies in recipients of BNT162b2 vaccination. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2022 , 3, 39-43	1.3	1
986	High sensitive cardiac troponin: biological variation, circadian rhythm and diagnostic algorithms. <i>Biotechnology and Biotechnological Equipment</i> , 2022 , 36, S18-S21	1.6	
985	Tocilizumab in addition to standard of care in the management of COVID-19: a meta-analysis of RCTs.. <i>Acta Biomedica</i> , 2022 , 93, e2022014	3.2	1
984	A cohort analysis of SARS-CoV-2 anti-spike protein receptor binding domain (RBD) IgG levels and neutralizing antibodies in fully vaccinated healthcare workers.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	5
983	Cell-Free DNA, Neutrophil extracellular traps (NETs), and Endothelial Injury in Coronavirus Disease 2019- (COVID-19-) Associated Acute Kidney Injury.. <i>Mediators of Inflammation</i> , 2022 , 2022, 9339411	4.3	0
982	Hemoperfusion: technical aspects and state of the art.. <i>Critical Care</i> , 2022 , 26, 135	10.8	1
981	Three-month analysis of total anti-SARS-CoV-2 antibodies in healthy recipient of a single BNT162b2 vaccine booster.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	1
980	Perinatal presepsin assessment: a new sepsis diagnostic tool?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022 ,	5.9	2
979	Alkaline Phosphatase: An Old Friend as Treatment Target for Cardiovascular and Mineral Bone Disorders in Chronic Kidney Disease. <i>Nutrients</i> , 2022 , 14, 2124	6.7	3
978	Epidemiology and Outcomes of Acute Kidney Injury in COVID-19 Patients with Acute Respiratory Distress Syndrome: A Multicenter Retrospective Study. <i>Blood Purification</i> , 2021 , 50, 499-505	3.1	12
977	Potential drawbacks of frequent asymptomatic coronavirus disease 2019 (COVID-19) testing. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 1405-1406	2	4

976	Early Hemoperfusion for Cytokine Removal May Contribute to Prevention of Intubation in Patients Infected with COVID-19. <i>Blood Purification</i> , 2021 , 50, 257-260	3.1	23
975	Dapagliflozin in patients with COVID-19: mind the kidneys.. <i>Lancet Diabetes and Endocrinology</i> , 2021 ,	18.1	0
974	Not all SARS-CoV-2 IgG and neutralizing antibody assays are created equal.. <i>Clinica Chimica Acta</i> , 2021 ,	6.2	3
973	Commercial immunoassays for detection of anti-SARS-CoV-2 spike and RBD antibodies: urgent call for validation against new and highly mutated variants.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	10
972	Updated picture of SARS-CoV-2 variants and mutations.. <i>Diagnosis</i> , 2021 ,	4.2	14
971	Overweight-obesity is associated with decreased vitamin K2 levels in hemodialysis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 581-589	5.9	3
970	High-sensitivity cardiac troponin I and T methods for the early detection of myocardial injury in patients on chemotherapy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 513-521	5.9	4
969	Diagnostic and prognostic role of presepsin in patients with cirrhosis and bacterial infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 775-782	5.9	6
968	Clinical relevance of biological variation of cardiac troponins. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 641-652	5.9	16
967	Clinicians' and laboratory medicine specialists' views on laboratory demand management: a survey in nine European countries. <i>Diagnosis</i> , 2021 , 8, 111-119	4.2	4
966	Between Web search engines and artificial intelligence: what side is shown in laboratory tests?. <i>Diagnosis</i> , 2021 , 8, 227-232	4.2	4
965	Clinical Assessment of the DiaSorin LIAISON SARS-CoV-2 Ag Chemiluminescence Immunoassay. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2021 , 32, 216-223	2.4	2
964	Combined Cytokine Scores Assessed at Emergency Department Presentation Predicts COVID-19 Critical Illness. <i>Acta Biomedica</i> , 2021 , 92, e2021248	3.2	
963	Serum Organ-Specific Anti-Heart and Anti-Intercalated Disk Autoantibodies as New Autoimmune Markers of Cardiac Involvement in Systemic Sclerosis: Frequency, Clinical and Prognostic Correlates. <i>Diagnostics</i> , 2021 , 11,	3.8	4
962	Antibody Titer Kinetics and SARS-CoV-2 Infections Six Months after Administration with the BNT162b2 Vaccine. <i>Vaccines</i> , 2021 , 9,	5.3	11
961	Can ultrasensitive thyroglobulin immunoassays avoid the need for ultrasound in thyroid cancer follow-up?. <i>Endocrine</i> , 2021 , 1	4	
960	Basal and Calcium-Stimulated Procalcitonin for the Diagnosis of Medullary Thyroid Cancers: Lights and Shadows. <i>Frontiers in Endocrinology</i> , 2021 , 12, 754565	5.7	4
959	The Vessels-Bone Axis: Iliac Artery Calcifications, Vertebral Fractures and Vitamin K from VIKI Study. <i>Nutrients</i> , 2021 , 13,	6.7	1

958	Oral Calcitriol Use, Vertebral Fractures, and Vitamin K in Hemodialysis Patients: A Cross-Sectional Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 2361	6.3	0
957	Comparison of Cortisol, Androstenedione and Metanephrines to Assess Selectivity and Lateralization of Adrenal Vein Sampling in Primary Aldosteronism. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
956	SARS-CoV-2 neutralizing antibodies after one or two doses of Comirnaty (BNT162b2, BioNTech/Pfizer): Kinetics and comparison with chemiluminescent assays. <i>Clinica Chimica Acta</i> , 2021 , 523, 446-453	6.2	8
955	Patient Safety in Laboratory Medicine 2021 , 325-338		
954	The Italian External Quality Assessment (EQA) program on urinary sediment by microscopy examination: a 20 years journey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 845-856	5.9	0
953	High-sensitivity methods for cardiac troponins: The mission is not over yet. <i>Advances in Clinical Chemistry</i> , 2021 , 103, 215-252	5.8	8
952	ADAMTS13 activity to von Willebrand factor antigen ratio predicts acute kidney injury in patients with COVID-19: Evidence of SARS-CoV-2 induced secondary thrombotic microangiopathy. <i>International Journal of Laboratory Hematology</i> , 2021 , 43 Suppl 1, 129-136	2.5	22
951	Clinical Predictors of SARS-CoV-2 Testing Pressure on Clinical Laboratories: A Multinational Study Analyzing Google Trends and Over 100 Million Diagnostic Tests. <i>Laboratory Medicine</i> , 2021 , 52, 311-314	1.6	1
950	Continuous renal replacement therapy and extended indications. <i>Seminars in Dialysis</i> , 2021 , 34, 550-560	2.5	3
949	Complete Blood Count as point of care testing QBC STAR [®] Preliminary evaluation. <i>International Journal of Laboratory Hematology</i> , 2021 , 43, 973-982	2.5	
948	Cell Population Data (CPD) for Early Recognition of Sepsis and Septic Shock in Children: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2021 , 9, 642377	3.4	0
947	Machine learning-based analysis of alveolar and vascular injury in SARS-CoV-2 acute respiratory failure. <i>Journal of Pathology</i> , 2021 , 254, 173-184	9.4	10
946	Laparoscopic surgery during the COVID-19 pandemic: detection of SARS-COV-2 in abdominal tissues, fluids, and surgical smoke. <i>Langenbeck's Archives of Surgery</i> , 2021 , 406, 1007-1014	3.4	5
945	Serum miR-375 for Diagnostic and Prognostic Purposes in Medullary Thyroid Carcinoma. <i>Frontiers in Endocrinology</i> , 2021 , 12, 647369	5.7	2
944	Conceptual advances and evolving terminology in acute kidney disease. <i>Nature Reviews Nephrology</i> , 2021 , 17, 493-502	14.9	8
943	Monocyte distribution width (MDW) parameter as a sepsis indicator in intensive care units. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1307-1314	5.9	10
942	Lumipulse G SARS-CoV-2 Ag assay evaluation using clinical samples from different testing groups. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1468-1476	5.9	11
941	Limiting Acute Kidney Injury Progression In Sepsis: Study Protocol and Trial Simulation. <i>Critical Care Medicine</i> , 2021 , 49, 1706-1716	1.4	2

940	Laboratory medicine in the COVID-19 era: six lessons for the future. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	3
939	Extremely potent human monoclonal antibodies from COVID-19 convalescent patients. <i>Cell</i> , 2021 , 184, 1821-1835.e16	56.2	90
938	Saliva Is a Valid Alternative to Nasopharyngeal Swab in Chemiluminescence-Based Assay for Detection of SARS-CoV-2 Antigen. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	12
937	IFCC interim guidelines on rapid point-of-care antigen testing for SARS-CoV-2 detection in asymptomatic and symptomatic individuals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1507-1515	5.9	20
936	Are sniffer dogs a reliable approach for diagnosing SARS-CoV-2 infection?. <i>Diagnosis</i> , 2021 , 8, 446-449	4.2	2
935	SARS-CoV-2 Serum Neutralization Assay: A Traditional Tool for a Brand-New Virus. <i>Viruses</i> , 2021 , 13,	6.2	22
934	Using high sensitivity cardiac troponin values in patients with SARS-CoV-2 infection (COVID-19): The Padova experience. <i>Clinical Biochemistry</i> , 2021 , 90, 8-14	3.5	8
933	Analytical and clinical performances of a SARS-CoV-2 S-RBD IgG assay: comparison with neutralization titers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1444-1452	5.9	25
932	Comprehensive assessment of humoral response after Pfizer BNT162b2 mRNA Covid-19 vaccination: a three-case series. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1585-1591	5.9	21
931	Postoperative acute kidney injury in adult non-cardiac surgery: joint consensus report of the Acute Disease Quality Initiative and PeriOperative Quality Initiative. <i>Nature Reviews Nephrology</i> , 2021 , 17, 605-618	14.9	10
930	IgM anti-SARS-CoV-2-specific determination: useful or confusing? Big Data analysis of a real-life scenario. <i>Internal and Emergency Medicine</i> , 2021 , 16, 2327-2330	3.7	3
929	Glycated Albumin for Glycemic Control in T2DM Population: A Multi-Dimensional Evaluation. <i>ClinicoEconomics and Outcomes Research</i> , 2021 , 13, 453-464	1.7	1
928	The European Biological Variation Study (EuBIVAS): a summary report. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	20
927	A Novel Circulating MicroRNA for the Detection of Acute Myocarditis. <i>New England Journal of Medicine</i> , 2021 , 384, 2014-2027	59.2	30
926	Anti-SARS-CoV-2 Antibodies Testing in Recipients of COVID-19 Vaccination: Why, When, and How?. <i>Diagnostics</i> , 2021 , 11,	3.8	31
925	It's not just the lungs: COVID-19 and the misty mesentery sign. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 2201-2203	3.6	3
924	Anti-SARS-CoV-2 Receptor-Binding Domain Total Antibodies Response in Seropositive and Seronegative Healthcare Workers Undergoing COVID-19 mRNA BNT162b2 Vaccination. <i>Diagnostics</i> , 2021 , 11,	3.8	40
923	Prophylactic heparin and risk of orotracheal intubation or death in patients with mild or moderate COVID-19 pneumonia. <i>Scientific Reports</i> , 2021 , 11, 11334	4.9	1

922	Harmonization status of procalcitonin measurements: what do comparison studies and EQA schemes tell us?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1610-1622	5.9	5
921	Neonatal lymphocyte subpopulations analysis and maternal preterm premature rupture of membranes: a pilot study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1688-1698	5.9	1
920	Mild SARS-CoV-2 Infections and Neutralizing Antibody Titers. <i>Pediatrics</i> , 2021 , 148,	7.4	13
919	SARS-CoV-2 Infection in Spondyloarthritis Patients Treated With Biotechnological Drugs: A Study on Serology. <i>Frontiers in Immunology</i> , 2021 , 12, 682850	8.4	2
918	A new classification of cardio-oncology syndromes. <i>Cardio-Oncology</i> , 2021 , 7, 24	2.8	6
917	SARS-CoV-2 Infection in Health Workers: Analysis from Verona SIEROEPID Study during the Pre-Vaccination Era. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
916	Serum Anti-Heart and Anti-Intercalated Disk Autoantibodies: Novel Autoimmune Markers in Cardiac Sarcoidosis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
915	SARS-CoV-2 antibody assay after vaccination: one size does not fit all. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, e380-e381	5.9	2
914	Adherence to the Standards for Reporting of Diagnostic Accuracy Studies (STARD): a survey of four journals in laboratory medicine. <i>Annals of Translational Medicine</i> , 2021 , 9, 918	3.2	0
913	Monitoring of the immunogenic response to Pfizer BNT162b2 mRNA COVID-19 vaccination in healthcare workers with Sibe SARS-CoV-2 S-RBD IgG chemiluminescent immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, e377-e379	5.9	5
912	Salivary SARS-CoV-2 antigen rapid detection: A prospective cohort study. <i>Clinica Chimica Acta</i> , 2021 , 517, 54-59	6.2	32
911	SARS-CoV-2 antibody dynamics and transmission from community-wide serological testing in the Italian municipality of Vo'. <i>Nature Communications</i> , 2021 , 12, 4383	17.4	12
910	Association between Net Ultrafiltration Rate and Renal Recovery among Critically Ill Adults with Acute Kidney Injury Receiving Continuous Renal Replacement Therapy: An Observational Cohort Study. <i>Blood Purification</i> , 2021 , 1-13	3.1	6
909	Combined Renal-Pulmonary Extracorporeal Support with Low Blood Flow Techniques: A Retrospective Observational Study (CICERO Study). <i>Blood Purification</i> , 2021 , 1-10	3.1	1
908	Acute kidney injury. <i>Nature Reviews Disease Primers</i> , 2021 , 7, 52	51.1	75
907	Presepsin as a biomarker of inflammation and prognosis in decompensated liver disease. <i>Journal of Hepatology</i> , 2021 , 75, 232-234	13.4	2
906	Classification of Uremic Toxins and Their Role in Kidney Failure. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021 ,	6.9	15
905	Improving statin treatment strategies to reduce LDL-cholesterol: factors associated with targets' attainment in subjects with and without type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2021 , 20, 144	8.7	5

904	Extracorporeal Blood Purification and Organ Support in the Critically Ill Patient during COVID-19 Pandemic: Expert Review and Recommendation. <i>Blood Purification</i> , 2021 , 50, 17-27	3.1	44
903	Results of a hospital survey on critical values communication. <i>Diagnosis</i> , 2021 , 8, 275-278	4.2	
902	High sodium intake, glomerular hyperfiltration, and protein catabolism in patients with essential hypertension. <i>Cardiovascular Research</i> , 2021 , 117, 1372-1381	9.9	9
901	Performance of a novel diagnostic assay for rapid SARS-CoV-2 antigen detection in nasopharynx samples. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 487-488	9.5	49
900	Serum uric acid levels and the risk of recurrent venous thromboembolism. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 194-201	15.4	4
899	Performance of the COVID19SEROSpeed IgM/IgG Rapid Test, an Immunochromatographic Assay for the Diagnosis of SARS-CoV-2 Infection: a Multicenter European Study. <i>Journal of Clinical Microbiology</i> , 2021 , 59,	9.7	3
898	Sevelamer Use, Vitamin K Levels, Vascular Calcifications, and Vertebral Fractures in Hemodialysis Patients: Results from the VIKI Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 500-509	6.3	6
897	Setting minimum clinical performance specifications for tests based on disease prevalence and minimum acceptable positive and negative predictive values: Practical considerations applied to COVID-19 testing. <i>Clinical Biochemistry</i> , 2021 , 88, 18-22	3.5	2
896	Coronavirus Disease 2019-Associated Coagulopathy. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 203-217	6.4	50
895	How are rapid diagnostic tests for infectious diseases used in clinical practice: a global survey by the International Society of Antimicrobial Chemotherapy (ISAC). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 429-434	5.3	4
894	Clinical value of anti-SARS-COV-2 serum IgA titration in patients with COVID-19. <i>Journal of Medical Virology</i> , 2021 , 93, 1210-1211	19.7	10
893	Mucopolysaccharidosis type VII diagnosed from a peripheral blood smear. <i>American Journal of Hematology</i> , 2021 , 96, 638-639	7.1	0
892	Predicting mortality with cardiac troponins: recent insights from meta-analyses. <i>Diagnosis</i> , 2021 , 8, 37-49.	4.2	9
891	Sperm Count and Hypogonadism as Markers of General Male Health. <i>European Urology Focus</i> , 2021 , 7, 205-213	5.1	30
890	Phosphate and bone fracture risk in chronic kidney disease patients. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36, 405-412	4.3	9
889	The Future of Nephrology and Public Health. <i>Contributions To Nephrology</i> , 2021 , 199, 339-350	1.6	3
888	Anti-spike S1 IgA, anti-spike trimeric IgG, and anti-spike RBD IgG response after BNT162b2 COVID-19 mRNA vaccination in healthcare workers. <i>Journal of Medical Biochemistry</i> , 2021 , 40, 327-334	1.9	5
887	Clinical assessment of the Roche SARS-CoV-2 rapid antigen test. <i>Diagnosis</i> , 2021 , 8, 322-326	4.2	31

886	Medium Cut-Off Dialysis Membranes: Can They Have Impact on Outcome of COVID-19 Hemodialysis Patients?. <i>Blood Purification</i> , 2021 , 50, 921-924	3.1	3
885	Genetics, molecular biomarkers, and artificial intelligence to improve diagnostic and prognostic efficacy 2021 , 167-176		
884	The role for pre-operative CT chest scans in suspected COVID-19 patients requiring emergent surgery. <i>Egyptian Journal of Anaesthesia</i> , 2021 , 37, 256-260	0.6	
883	Left ventricular longitudinal strain alterations in asymptomatic or mildly symptomatic paediatric patients with SARS-CoV-2 infection. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	2
882	The future of continuous renal replacement therapy. <i>Seminars in Dialysis</i> , 2021 , 34, 576-585	2.5	0
881	Persistent viral RNA shedding in COVID-19: Caution, not fear. <i>EBioMedicine</i> , 2021 , 64, 103234	8.8	8
880	The role of procalcitonin in reducing antibiotics across the surgical pathway. <i>World Journal of Emergency Surgery</i> , 2021 , 16, 15	9.2	0
879	Diagnostic algorithms for non-ST-segment elevation myocardial infarction: open issues. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1761-1771	5.9	1
878	Effective screening strategy against SARS-CoV-2 on self-collected saliva samples in primary school setting: A pilot project. <i>Journal of Infection</i> , 2021 , 83, e8-e10	18.9	4
877	Performance of Fujirebio Espline SARS-CoV-2 rapid antigen test for identifying potentially infectious individuals. <i>Diagnosis</i> , 2021 ,	4.2	4
876	Serological diagnostic for SARS-CoV-2: an experimental External Quality Assessment Scheme. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1878-1884	5.9	2
875	Antibody response to first and second dose of BNT162b2 in a cohort of characterized healthcare workers. <i>Clinica Chimica Acta</i> , 2021 , 519, 60-63	6.2	46
874	The RALES Legacy and Finerenone Use on CKD Patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021 , 16, 1432-1434	6.9	2
873	Three-month analysis of total humoral response to Pfizer BNT162b2 mRNA COVID-19 vaccination in healthcare workers. <i>Journal of Infection</i> , 2021 , 83, e4-e5	18.9	17
872	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. <i>Circulation</i> , 2021 , 144, 773-787	16.7	2
871	Low-dose short synacthen test with salivary cortisol in patients with suspected central adrenal insufficiency. <i>Endocrine Connections</i> , 2021 , 10, 1189-1199	3.5	1
870	Acute Kidney Injury at the Neurocritical Care Unit. <i>Neurocritical Care</i> , 2021 , 1	3.3	0
869	Endothelial dysfunction and Mid-Regional proAdrenomedullin: What role in SARS-CoV-2 infected Patients?. <i>Clinica Chimica Acta</i> , 2021 , 523, 185-190	6.2	3

868	Rapid changes of miRNAs-20, -30, 410, 515, 134, and 183 and telomerase with psychological activity: A one year study on the relaxation response and epistemological considerations. <i>Journal of Traditional and Complementary Medicine</i> , 2021 , 11, 409-418	4.6	2
867	Comparison of Allplex SARS-CoV-2 Assay, Easy SARS-CoV-2 WE and Lumipulse quantitative SARS-CoV-2 antigen test performance using automated systems for the diagnosis of COVID-19. <i>International Journal of Infectious Diseases</i> , 2021 , 113, 113-115	10.5	1
866	International Council for Standardization in Haematology (ICSH) recommendations for processing of blood samples for coagulation testing. <i>International Journal of Laboratory Hematology</i> , 2021 , 43, 1272-1283	2.5	4
865	Predicting the protective humoral response to a SARS-CoV-2 mRNA vaccine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 2010-2018	5.9	11
864	Omics Translation: a challenge for laboratory medicine 2021 , 21-32		
863	Effectiveness of In-Hospital Cholecalciferol Use on Clinical Outcomes in Comorbid COVID-19 Patients: A Hypothesis-Generating Study. <i>Nutrients</i> , 2021 , 13,	6.7	30
862	How to meet ISO15189:2012 pre-analytical requirements in clinical laboratories? A consensus document by the EFLM WG-PRE. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, 1047-1061	5.9	4
861	Automated Mindray CL-1200i chemiluminescent assays of renin and aldosterone for the diagnosis of primary aldosteronism. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 , 59, e215-e217	5.9	1
860	Comparison of five commercial anti-SARS-CoV-2 total antibodies and IgG immunoassays after vaccination with BNT162b2 mRNA. <i>Journal of Medical Biochemistry</i> , 2021 , 40, 335-340	1.9	8
859	Real Time PCR and Culture-Based Virus Isolation Test in Clinically Recovered Patients: Is the Subject Still Infectious for SARS-CoV2?. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	12
858	Cardiac Biomarkers in COVID-19: A Narrative Review. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2021 , 32, 337-346	2.4	0
857	Neutralizing antibody titers six months after Comirnaty vaccination: kinetics and comparison with SARS-CoV-2 immunoassays.. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021 ,	5.9	10
856	SARS-CoV-2 antibody-based SURVEILLANCE: New light in the SHADOW. <i>EBioMedicine</i> , 2020 , 61, 103087	8.8	6
855	Validation of a composed COVID-19 chest radiography score: the CARE project. <i>ERJ Open Research</i> , 2020 , 6,	3.5	8
854	Commutability of external quality assessment materials for point-of-care glucose testing using the Clinical and Laboratory Standards Institute and International Federation of Clinical Chemistry approaches. <i>Journal of Clinical Laboratory Analysis</i> , 2020 , 34, e23327	3	3
853	Diagnostic performances and thresholds: The key to harmonization in serological SARS-CoV-2 assays?. <i>Clinica Chimica Acta</i> , 2020 , 509, 1-7	6.2	82
852	Management of acute kidney injury in patients with COVID-19. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 738-742	35.1	291
851	Laboratory abnormalities in children with mild and severe coronavirus disease 2019 (COVID-19): A pooled analysis and review. <i>Clinical Biochemistry</i> , 2020 , 81, 1-8	3.5	80

850	Pharmacological Agents Targeting Thromboinflammation in COVID-19: Review and Implications for Future Research. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1004-1024	7	147
849	Lactate dehydrogenase levels predict coronavirus disease 2019 (COVID-19) severity and mortality: A pooled analysis. <i>American Journal of Emergency Medicine</i> , 2020 , 38, 1722-1726	2.9	189
848	Selenium Supplementation, Body Mass Composition, and Leptin Levels in Patients with Obesity on a Balanced Mildly Hypocaloric Diet: A Pilot Study. <i>International Journal of Endocrinology</i> , 2020 , 2020, 4802739	2.7	13
847	Laboratory abnormalities in children with novel coronavirus disease 2019. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1135-1138	5.9	129
846	PTH: Redefining Reference Ranges in a Healthy Population-The Role of Interfering Factors and the Type of Laboratory Assay. <i>International Journal of Endocrinology</i> , 2020 , 2020, 1053719	2.7	1
845	Cardiac troponin I in patients with coronavirus disease 2019 (COVID-19): Evidence from a meta-analysis. <i>Progress in Cardiovascular Diseases</i> , 2020 , 63, 390-391	8.5	403
844	Laboratory abnormalities in patients with COVID-2019 infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1131-1134	5.9	490
843	The critical role of laboratory medicine during coronavirus disease 2019 (COVID-19) and other viral outbreaks. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1063-1069	5.9	172
842	D-dimer is Associated with Severity of Coronavirus Disease 2019: A Pooled Analysis. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 876-878	7	328
841	Reticulated platelets and immature platelet fraction: Clinical applications and method limitations. <i>International Journal of Laboratory Hematology</i> , 2020 , 42, 363-370	2.5	19
840	Thrombocytopenia is associated with severe coronavirus disease 2019 (COVID-19) infections: A meta-analysis. <i>Clinica Chimica Acta</i> , 2020 , 506, 145-148	6.2	913
839	Potential preanalytical and analytical vulnerabilities in the laboratory diagnosis of coronavirus disease 2019 (COVID-19). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1070-1076	5.9	351
838	Evidence From Family Studies for Autoimmunity in Arrhythmogenic Right Ventricular Cardiomyopathy: Associations of Circulating Anti-Heart and Anti-Intercalated Disk Autoantibodies With Disease Severity and Family History. <i>Circulation</i> , 2020 , 141, 1238-1248	16.7	37
837	Procalcitonin in patients with severe coronavirus disease 2019 (COVID-19): A meta-analysis. <i>Clinica Chimica Acta</i> , 2020 , 505, 190-191	6.2	307
836	Weathering the Cytokine Storm in COVID-19: Therapeutic Implications. <i>CardioRenal Medicine</i> , 2020 , 10, 277-287	2.8	37
835	Performance evaluation of Abbott ARCHITECT SARS-CoV-2 IgG immunoassay in comparison with indirect immunofluorescence and virus microneutralization test. <i>Journal of Clinical Virology</i> , 2020 , 129, 104539	14.5	59
834	Remote patient management of peritoneal dialysis during COVID-19 pandemic. <i>Peritoneal Dialysis International</i> , 2020 , 40, 363-367	2.8	16
833	COVID-19: unravelling the clinical progression of nature's virtually perfect biological weapon. <i>Annals of Translational Medicine</i> , 2020 , 8, 693	3.2	58

832	Modeling the time-related fluctuations of AFP and PIVKA-II serum levels in patients with cirrhosis undergoing surveillance for hepatocellular carcinoma. <i>Cancer Biomarkers</i> , 2020 , 29, 189-196	3.8	6
831	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 240-241	35.1	58
830	Short-term biological variation and diurnal rhythm of cardiac troponin I (Access hs-TnI) in healthy subjects. <i>Clinica Chimica Acta</i> , 2020 , 504, 163-167	6.2	20
829	Inappropriate use of laboratory tests: How availability triggers demand - Examples across Europe. <i>Clinica Chimica Acta</i> , 2020 , 505, 100-107	6.2	13
828	Analytical Evaluation of the New Beckman Coulter Access Procalcitonin (PCT) Chemiluminescent Immunoassay. <i>Diagnostics</i> , 2020 , 10,	3.8	5
827	Sodium-glucose linked transporter-2 inhibitor renal outcome modification in type 2 diabetes: Evidence from studies in patients with high or low renal risk. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 1024-1034	6.7	4
826	Diagnostic and prognostic value of red blood cell distribution width in sepsis: A narrative review. <i>Clinical Biochemistry</i> , 2020 , 77, 1-6	3.5	30
825	IgA-Ab response to spike glycoprotein of SARS-CoV-2 in patients with COVID-19: A longitudinal study. <i>Clinica Chimica Acta</i> , 2020 , 507, 164-166	6.2	182
824	Kidney involvement in COVID-19 and rationale for extracorporeal therapies. <i>Nature Reviews Nephrology</i> , 2020 , 16, 308-310	14.9	277
823	Recommendations for Minimal Laboratory Testing Panels in Patients with COVID-19: Potential for Prognostic Monitoring. <i>Seminars in Thrombosis and Hemostasis</i> , 2020 , 46, 379-382	5.3	50
822	Serum Free Light Chains in Common Variable Immunodeficiency Disorders: Role in Differential Diagnosis and Association With Clinical Phenotype. <i>Frontiers in Immunology</i> , 2020 , 11, 319	8.4	2
821	Hyperinflammation and derangement of renin-angiotensin-aldosterone system in COVID-19: A novel hypothesis for clinically suspected hypercoagulopathy and microvascular immunothrombosis. <i>Clinica Chimica Acta</i> , 2020 , 507, 167-173	6.2	200
820	Presepsin in risk stratification of SARS-CoV-2 patients. <i>Clinica Chimica Acta</i> , 2020 , 507, 161-163	6.2	43
819	Integrated diagnostics: the future of laboratory medicine?. <i>Biochimica Medica</i> , 2020 , 30, 010501	2.5	16
818	Errors within the total laboratory testing process, from test selection to medical decision-making - A review of causes, consequences, surveillance and solutions. <i>Biochimica Medica</i> , 2020 , 30, 020502	2.5	12
817	COVID-19 disease-Temporal analyses of complete blood count parameters over course of illness, and relationship to patient demographics and management outcomes in survivors and non-survivors: A longitudinal descriptive cohort study. <i>PLoS ONE</i> , 2020 , 15, e0244129	3.7	16
816	Laboratory medicine resilience during coronavirus disease 2019 (COVID-19) pandemic. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2020 , 1,	1.3	4
815	Mass spectrometry and total laboratory automation: opportunities and drawbacks. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 994-1001	5.9	6

814	Peptidomic and proteomic analysis of stool for diagnosing IBD and deciphering disease pathogenesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 968-979	5.9	4
813	Percentile transformation and recalibration functions allow harmonization of thyroid-stimulating hormone (TSH) immunoassay results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1663-1672	5.9	5
812	The "olfactory fingerprint": can diagnostics be improved by combining canine and digital noses?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 958-967	5.9	6
811	Exact time of venous blood sample collection - an unresolved issue, on behalf of the European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for Preanalytical Phase (WG-PRE). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1655-1662	5.9	5
810	Evidence on clinical relevance of cardiovascular risk evaluation in the general population using cardio-specific biomarkers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 79-90	5.9	19
809	One disease, different features: COVID-19 laboratory and radiological findings in three Italian patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1149-1151	5.9	9
808	Hematologic, biochemical and immune biomarker abnormalities associated with severe illness and mortality in coronavirus disease 2019 (COVID-19): a meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1021-1028	5.9	871
807	Clinical laboratory and SARS-CoV-2 infection: where do we stand?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1139-1141	5.9	8
806	Analytical performances of a chemiluminescence immunoassay for SARS-CoV-2 IgM/IgG and antibody kinetics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1081-1088	5.9	193
805	Laboratory predictors of death from coronavirus disease 2019 (COVID-19) in the area of Valcamonica, Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1100-1105	5.9	63
804	Assessment of immune response to SARS-CoV-2 with fully automated MAGLUMI 2019-nCoV IgG and IgM chemiluminescence immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1156-1159	5.9	88
803	Urinalysis parameters for predicting severity in coronavirus disease 2019 (COVID-19). <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e163-e165	5.9	10
802	Erythrocyte sedimentation rate is associated with severe coronavirus disease 2019 (COVID-19): a pooled analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1146-1148	5.9	23
801	Biosafety measures for preventing infection from COVID-19 in clinical laboratories: IFCC Taskforce Recommendations. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1053-1062	5.9	33
800	Influence of patients' clinical features at intensive care unit admission on performance of cell cycle arrest biomarkers in predicting acute kidney injury. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 333-342	5.9	1
799	Operational considerations and challenges of biochemistry laboratories during the COVID-19 outbreak: an IFCC global survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1441-1449	5.9	15
798	Laboratory practices to mitigate biohazard risks during the COVID-19 outbreak: an IFCC global survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1433-1440	5.9	14
797	Molecular, serological, and biochemical diagnosis and monitoring of COVID-19: IFCC taskforce evaluation of the latest evidence. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1037-1052	5.9	99

796	SARS-CoV-2 RNA identification in nasopharyngeal swabs: issues in pre-analytics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1579-1586	5.9	28
795	Towards the rational utilization of SARS-CoV-2 serological tests in clinical practice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e189-e191	5.9	13
794	"Stay home stay safe?" Systemic inflammation in subjects undergoing routine hematology tests during the lockdown period of COVID-19. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e315-e318	5.9	2
793	Preliminary evaluation of Roche Cobas Elecsys Anti-SARS-CoV-2 chemiluminescence immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e251-e253	5.9	11
792	Evaluation of an ELISA for SARS-CoV-2 antibody testing: clinical performances and correlation with plaque reduction neutralization titer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e247-e249	5.9	9
791	SARS-CoV-2 serosurvey in health care workers of the Veneto Region. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 2107-2111	5.9	52
790	SARS-CoV-2 antibody performances: we need better criteria. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e303-e305	5.9	4
789	IFCC Interim Guidelines on Molecular Testing of SARS-CoV-2 Infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1993-2000	5.9	26
788	IFCC Interim Guidelines on Serological Testing of Antibodies against SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 2001-2008	5.9	41
787	IFCC Interim Guidelines on Biochemical/Hematological Monitoring of COVID-19 Patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 2009-2016	5.9	20
786	Health risks and potential remedies during prolonged lockdowns for coronavirus disease 2019 (COVID-19). <i>Diagnosis</i> , 2020 , 7, 85-90	4.2	164
785	Clinical features, laboratory characteristics, and outcomes of patients hospitalized with coronavirus disease 2019 (COVID-19): Early report from the United States. <i>Diagnosis</i> , 2020 , 7, 91-96	4.2	233
784	False negative RT-PCR or false positive serological testing in SARS-CoV-2 diagnostics? Navigating between Scylla and Charybdis to prevent misclassification bias in COVID-19 clinical investigations. <i>Diagnosis</i> , 2020 , 7, 405-407	4.2	5
783	Making sense of rapid antigen testing in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) diagnostics. <i>Diagnosis</i> , 2020 ,	4.2	25
782	Molecular diagnostics at the times of SARS-CoV-2 outbreak. <i>Diagnosis</i> , 2020 , 7, 149-150	4.2	1
781	Upper respiratory samples pooling for screening SARS-CoV-2 infection: ready for the prime time?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, e307-e309	5.9	1
780	Influence of chronic training workload on the hematological profile: a pilot study in sedentary people, amateur and professional cyclists. <i>Acta Biomedica</i> , 2020 , 91, e2020104	3.2	
779	Current laboratory diagnostics of coronavirus disease 2019 (COVID-19). <i>Acta Biomedica</i> , 2020 , 91, 137-145	3.2	37

778	Updates on laboratory investigations in coronavirus disease 2019 (COVID-19). <i>Acta Biomedica</i> , 2020 , 91, e2020030	3.2	9
777	SARS-CoV-2 recurrent RNA positivity after recovering from coronavirus disease 2019 (COVID-19): a meta-analysis. <i>Acta Biomedica</i> , 2020 , 91, e2020014	3.2	11
776	The combined measurement of high-sensitivity cardiac troponins and natriuretic peptides: a useful tool for clinicians?. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 953-963	1.9	3
775	Efficacy of weekly administration of cholecalciferol on parathyroid hormone in stable kidney-transplanted patients with CKD stage 1-3. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 343-351	5.9	
774	Cardiotoxic effects and myocardial injury: the search for a more precise definition of drug cardiotoxicity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 51-57	5.9	5
773	Validation of a simple and economic HPLC-UV method for the simultaneous determination of vancomycin, meropenem, piperacillin and tazobactam in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1148, 122151	3.2	16
772	Evaluation of an improved small gauge needle for venipuncture in children with difficult venous access: Impact on sample quality, phlebotomist satisfaction and patient pain perception. <i>Clinica Chimica Acta</i> , 2020 , 500, 213-219	6.2	1
771	Including Relative Adrenal Insufficiency in Definition and Classification of Acute-on-Chronic Liver Failure. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 1188-1196.e3	6.9	16
770	The impact of biomarkers of acute kidney injury on individual patient care. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 1295-1305	4.3	14
769	Vitamin K2 is a key regulator of clinically relevant molecular processes 2020 , 153-172		
768	Understanding and managing interferences in clinical laboratory assays: the role of laboratory professionals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 350-356	5.9	6
767	Analytical validation of the iSED automated analyzer for erythrocyte sedimentation rate. <i>International Journal of Laboratory Hematology</i> , 2020 , 42, 109-115	2.5	2
766	Emerging role of monocytes and their intracellular calcium pattern in spondyloarthritis. <i>Clinica Chimica Acta</i> , 2020 , 500, 180-188	6.2	3
765	Different approaches for estimating measurement uncertainty: An effective tool for improving interpretation of results. <i>Clinica Chimica Acta</i> , 2020 , 503, 223-227	6.2	
764	Performance evaluation of 14 specific proteins measurement checked by an External Quality Assessment Scheme. <i>Clinica Chimica Acta</i> , 2020 , 502, 73-83	6.2	1
763	Assessment and monitoring of agreement among professionals for morphological evaluation in compliance with International accreditation standard requirements. <i>Clinica Chimica Acta</i> , 2020 , 501, 72-82	6.2	1
762	Net Ultrafiltration Prescription and Practice Among Critically Ill Patients Receiving Renal Replacement Therapy: A Multinational Survey of Critical Care Practitioners. <i>Critical Care Medicine</i> , 2020 , 48, e87-e97	1.4	17
761	Lung-kidney interactions in critically ill patients: consensus report of the Acute Disease Quality Initiative (ADQI) 21 Workgroup. <i>Intensive Care Medicine</i> , 2020 , 46, 654-672	14.5	83

760	Clinical laboratory: Factory or zero kilometer service?. <i>Clinica Chimica Acta</i> , 2020 , 503, 228-230	6.2	2
759	PREDICT: a checklist for preventing preanalytical diagnostic errors in clinical trials. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 518-526	5.9	13
758	Quality of Care for Acute Kidney Disease: Current Knowledge Gaps and Future Directions. <i>Kidney International Reports</i> , 2020 , 5, 1634-1642	4.1	6
757	Repeated Testing in SARS-CoV-2 Infection. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2283-2284	6.4	1
756	Endocrine disruption of vitamin D activity by perfluoro-octanoic acid (PFOA). <i>Scientific Reports</i> , 2020 , 10, 16789	4.9	12
755	Clinical performances of an ELISA for SARS-CoV-2 antibody assay and correlation with neutralization activity. <i>Clinica Chimica Acta</i> , 2020 , 510, 654-655	6.2	8
754	Cardiac troponin I in SARS-CoV-2-patients: The additional prognostic value of serial monitoring. <i>Clinica Chimica Acta</i> , 2020 , 511, 75-80	6.2	10
753	Vitamin D Prevents Pancreatic Cancer-Induced Apoptosis Signaling of Inflammatory Cells. <i>Biomolecules</i> , 2020 , 10,	5.9	2
752	Neutrophil Gelatinase-Associated Lipocalin Measured on Clinical Laboratory Platforms for the Prediction of Acute Kidney Injury and the Associated Need for Dialysis Therapy: A Systematic Review and Meta-analysis. <i>American Journal of Kidney Diseases</i> , 2020 , 76, 826-841.e1	7.4	30
751	Vitamin K and Osteoporosis. <i>Nutrients</i> , 2020 , 12,	6.7	22
750	Analytical and clinical performances of five immunoassays for the detection of SARS-CoV-2 antibodies in comparison with neutralization activity. <i>EBioMedicine</i> , 2020 , 62, 103101	8.8	79
749	Rationale for Medium Cutoff Membranes in COVID-19 Patients Requiring Renal Replacement Therapy. <i>Nephron</i> , 2020 , 144, 550-554	3.3	6
748	Machine Learning Model Comparison in the Screening of Cholangiocarcinoma Using Plasma Bile Acids Profiles. <i>Diagnostics</i> , 2020 , 10,	3.8	5
747	Universal screening of high-risk neonates, parents, and staff at a neonatal intensive care unit during the SARS-CoV-2 pandemic. <i>European Journal of Pediatrics</i> , 2020 , 179, 1949-1955	4.1	11
746	Harmonization of two hs-cTnI methods based on recalibration of measured quality control and clinical samples. <i>Clinica Chimica Acta</i> , 2020 , 510, 150-156	6.2	9
745	Pre-transplant renal functional reserve and renal function after lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 970-974	5.8	0
744	SARS-CoV-2 identification and IgA antibodies in saliva: One sample two tests approach for diagnosis. <i>Clinica Chimica Acta</i> , 2020 , 510, 717-722	6.2	30
743	Hematology Laboratory Abnormalities in Patients with Coronavirus Disease 2019 (COVID-19). <i>Seminars in Thrombosis and Hemostasis</i> , 2020 , 46, 845-849	5.3	18

742	A call to action to evaluate renal functional reserve in patients with COVID-19. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 319, F792-F795	4.3	7
741	Toward a Unified View of Cognitive and Biochemical Activity: Meditation and Linguistic Self-Reconstructing May Lead to Inflammation and Oxidative Stress Improvement. <i>Entropy</i> , 2020 , 22,	2.8	3
740	Vitamin K and Kidney Transplantation. <i>Nutrients</i> , 2020 , 12,	6.7	5
739	Antibody responses in mild COVID-19 hospital staff. <i>EBioMedicine</i> , 2020 , 59, 102940	8.8	7
738	Serum or plasma? An old question looking for new answers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 178-187	5.9	7
737	Managing hemolyzed samples in clinical laboratories. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020 , 57, 1-21	9.4	26
736	Erythrocyte Sedimentation Rate and C-Reactive Protein in Acute Inflammation. <i>American Journal of Clinical Pathology</i> , 2020 , 153, 14-29	1.9	27
735	Total testing process: roots and state-of-the-art. <i>Diagnosis</i> , 2020 , 7, 19-20	4.2	2
734	Routine coagulation testing in Vacutainer® Citrate Plus tubes filled at minimum or optimal volume. <i>Diagnosis</i> , 2020 , 7, 55-60	4.2	
733	Coronavirus disease 2019 (COVID-19): the portrait of a perfect storm. <i>Annals of Translational Medicine</i> , 2020 , 8, 497	3.2	89
732	Kidney transplant programmes during the COVID-19 pandemic. <i>Lancet Respiratory Medicine</i> , 2020 , 8, e39	35.1	38
731	COVID-19 and Thrombotic or Thromboembolic Disease: Implications for Prevention, Antithrombotic Therapy, and Follow-Up: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2950-2973	15.1	1682
730	La liaison fructueuse: Laboratory and emergency medicine. <i>Emergency Care Journal</i> , 2019 , 15,	1.2	1
729	European survey on preanalytical sample handling - Part 2: Practices of European laboratories on monitoring and processing haemolytic, icteric and lipemic samples. On behalf of the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for the Preanalytical Phase (WG-PPH). <i>Biochimica Medica</i> , 2019 , 29, 626-635	2.5	22
728	Two-center comparison of 10 fully-automated commercial procalcitonin (PCT) immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 58, 77-84	5.9	14
727	Toward a holistic approach for diagnosing sepsis in the emergency department. <i>Advances in Clinical Chemistry</i> , 2019 , 92, 201-216	5.8	10
726	Design of a study to investigate the mechanisms of obstructive sleep apnoea by means of drug-induced sleep endoscopy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1406-1413	5.9	
725	Quality Improvement Goals for Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019 , 14, 941-953	6.9	88

724	Preanalytical challenges - time for solutions. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 974-981	3.9	34
723	Ves-Matic CUBE 200: is modified Westergren method for erythrocyte sedimentation rate a valid alternative to the gold standard?. <i>Journal of Clinical Pathology</i> , 2019 , 72, 716-719	3.9	2
722	Clinical usefulness of automated cellular analysis of synovial fluids: a paradigmatic case report for diagnosing peri-prosthetic infections. <i>AME Medical Journal</i> , 2019 , 4, 29-29	1	
721	Can citrate plasma be used in exceptional circumstances for some clinical chemistry and immunochemistry tests?. <i>Diagnosis</i> , 2019 , 6, 369-375	4.2	2
720	Advantages and limitations of total laboratory automation: a personal overview. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 802-811	5.9	38
719	Decision Support and Patient Safety. <i>Clinics in Laboratory Medicine</i> , 2019 , 39, 231-244	2.1	10
718	Plasma and dried blood spot lysosphingolipids for the diagnosis of different sphingolipidoses: a comparative study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1863-1874	5.9	34
717	C-peptide and insulin assays with the Mindray CL-2000i: Precision and comparability with different methods. <i>Clinica Chimica Acta</i> , 2019 , 495, 210-214	6.2	1
716	The pathway for introducing novel examination procedures in routine practice in accordance with ISO 15189:2012: 17-Hydroxy progesterone, dehydroepiandrosterone sulphate and vitamin D as examples. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 548-555	2.2	3
715	Evaluation of reproducibility of the cTnT immunoassay using quality control samples. <i>Clinica Chimica Acta</i> , 2019 , 495, 269-270	6.2	12
714	Activation profiles of monocyte-macrophages and HDL function in healthy women in relation to menstrual cycle and in polycystic ovary syndrome patients. <i>Endocrine</i> , 2019 , 66, 360-369	4	7
713	oXirisNet Registry: A Prospective, National Registry on the oXiris Membrane. <i>Blood Purification</i> , 2019 , 47 Suppl 3, 1-8	3.1	7
712	Impact of low volume citrate tubes on results of first-line hemostasis testing. <i>International Journal of Laboratory Hematology</i> , 2019 , 41, 472-477	2.5	1
711	Tissue inhibitor metalloproteinase-2 (TIMP-2) IGF-binding protein-7 (IGFBP7) levels are associated with adverse outcomes in patients in the intensive care unit with acute kidney injury. <i>Kidney International</i> , 2019 , 95, 1486-1493	9.9	22
710	Is vitamin D deficiency a risk factor for osteonecrosis of the jaw in patients with cancer? A matched case-control study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019 , 47, 1203-1208	3.6	6
709	Automated measurement of the erythrocyte sedimentation rate: method validation and comparison. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1364-1373	5.9	10
708	Extracorporeal Blood Purification Therapies for Sepsis. <i>Blood Purification</i> , 2019 , 47 Suppl 3, 1-14	3.1	65
707	Leucocytosis-induced plasma hyperkalaemia in samples conveyed by a pneumatic transport system: tips and tricks. <i>British Journal of Haematology</i> , 2019 , 186, e71-e73	4.5	1

706	Cost, profitability and value of laboratory diagnostics: in God we trust, all others bring data. <i>Journal of Laboratory Medicine</i> , 2019 , 43, 1-3	0.9	6
705	Why harmonization is essential to realize the manifesto for the future of laboratory medicine. <i>Clinica Chimica Acta</i> , 2019 , 495, 76	6.2	1
704	Procalcitonin (PCT)-guided antibiotic stewardship: an international experts consensus on optimized clinical use. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1308-1318	5.9	98
703	Public perception of diagnostic and laboratory errors among Internet users. <i>Diagnosis</i> , 2019 , 6, 385-386	4.2	1
702	Inflammation and Pancreatic Cancer: Focus on Metabolism, Cytokines, and Immunity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	104
701	Blood sample quality. <i>Diagnosis</i> , 2019 , 6, 25-31	4.2	38
700	Managing inappropriate utilization of laboratory resources. <i>Diagnosis</i> , 2019 , 6, 5-13	4.2	22
699	Reply to the letter "Could cardiac troponin I levels predict mortality in the elderly?". <i>Aging Clinical and Experimental Research</i> , 2019 , 31, 437	4.8	
698	Prognostic value of cardiac troponin I assay in hospitalized elderly patients. <i>Aging Clinical and Experimental Research</i> , 2019 , 31, 233-239	4.8	4
697	Mechanisms for hemodynamic instability related to renal replacement therapy: a narrative review. <i>Intensive Care Medicine</i> , 2019 , 45, 1333-1346	14.5	35
696	Pre-analytical quality indicators in laboratory medicine: Performance of laboratories participating in the IFCC working group "Laboratory Errors and Patient Safety" project. <i>Clinica Chimica Acta</i> , 2019 , 497, 35-40	6.2	16
695	Increased Risk of Bone Fractures in Hemodialysis Patients Treated with Proton Pump Inhibitors in Real World: Results from the Dialysis Outcomes and Practice Patterns Study (DOPPS). <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 2238-2245	6.3	8
694	The future of laboratory medicine: Navigating between technology and professionalism. <i>Clinica Chimica Acta</i> , 2019 , 498, 16	6.2	1
693	Head-to-head comparison of plasma cTnI concentration values measured with three high-sensitivity methods in a large Italian population of healthy volunteers and patients admitted to emergency department with acute coronary syndrome: A multi-center study. <i>Clinica Chimica Acta</i> , 2019 , 496, 25-34	6.2	32
692	Understanding cardiac troponin biology: all other cardiac biomarkers shall rest in peace?. <i>Journal of Laboratory and Precision Medicine</i> , 2019 , 4, 9-9	1.1	3
691	Interference of lipemia in samples for routine coagulation testing using a Sysmex CS-5100 coagulometer. <i>International Journal of Laboratory Hematology</i> , 2019 , 41, 772-777	2.5	3
690	The Effects of Iodine Supplementation in Pregnancy on Iodine Status, Thyroglobulin Levels and Thyroid Function Parameters: Results from a Randomized Controlled Clinical Trial in a Mild-to-Moderate Iodine Deficiency Area. <i>Nutrients</i> , 2019 , 11,	6.7	13
689	Evaluation of analytical performance of immunoassay methods for cTnI and cTnT: From theory to practice. <i>Advances in Clinical Chemistry</i> , 2019 , 93, 239-262	5.8	21

688	The natural history of autoimmune Addison's disease from the detection of autoantibodies to development of the disease: a long-term follow-up study on 143 patients. <i>European Journal of Endocrinology</i> , 2019 , 180, 223-234	6.5	15
687	The Irreplaceable Value of Laboratory Diagnostics: Four Recent Tests that have Revolutionized Clinical Practice. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2019 , 30, 7-13	2.4	6
686	Project Management in Laboratory Medicine. <i>Journal of Medical Biochemistry</i> , 2019 , 38, 401-406	1.9	12
685	Urine chloride self-measurement to monitor sodium chloride intake in patients with chronic kidney disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1162-1168	5.9	5
684	Driving the route of laboratory medicine: a manifesto for the future. <i>Internal and Emergency Medicine</i> , 2019 , 14, 337-340	3.7	18
683	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
682	Osteocalcin (bone GLA protein) levels, vascular calcifications, vertebral fractures and mortality in hemodialysis patients with diabetes mellitus. <i>Journal of Nephrology</i> , 2019 , 32, 635-643	4.8	11
681	Lack of harmonization in high fluorescent cell automated counts with body fluids mode in ascitic, pleural, synovial, and cerebrospinal fluids. <i>International Journal of Laboratory Hematology</i> , 2019 , 41, 277-286	2.5	9
680	Navigating between technology and professionalism: key points for the future of clinical laboratories. <i>Journal of Laboratory and Precision Medicine</i> , 2019 , 4, 32-32	1.1	
679	European survey on preanalytical sample handling - Part 1: How do European laboratories monitor the preanalytical phase? On behalf of the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for the Preanalytical Phase (WG-PRE). <i>Biochimica Medica</i> , 2019 , 29, 020704	2.5	14
678	Acute kidney injury. <i>Lancet, The</i> , 2019 , 394, 1949-1964	40	388
677	The circulating miRNAs as diagnostic and prognostic markers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 932-953	5.9	23
676	Analytical performance of the new D-dimer and antithrombin assay on Roche cobas t 711 analyzer. <i>International Journal of Laboratory Hematology</i> , 2019 , 41, e54-e56	2.5	4
675	Endocrine Disruption of Androgenic Activity by Perfluoroalkyl Substances: Clinical and Experimental Evidence. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 1259-1271	5.6	63
674	A pilot study for establishing quality indicators in molecular diagnostics according to the IFCC WG-LEPS initiative: preliminary findings in China. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 822-831	5.9	0
673	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
672	Diabetes alert dogs: a narrative critical overview. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 452-458	5.9	9
671	Local quality assurance of serum or plasma (HIL) indices. <i>Clinical Biochemistry</i> , 2018 , 54, 112-118	3.5	20

670	Antioxidant capacity in patients with type 2 diabetes: a preliminary investigation on gender-specific differences in an Italian population. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 101-104	5.9	2
669	Clinical usefulness of Glycated Albumin in the diagnosis of diabetes: Results from an Italian study. <i>Clinical Biochemistry</i> , 2018 , 54, 68-72	3.5	31
668	Laboratory hemostasis: from biology to the bench. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1035-1045	5.9	16
667	Preanalytical errors before and after implementation of an automatic blood tube labeling system in two outpatient phlebotomy centers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e217-e219	5.9	
666	Clinical relevance and future perspective of fractures in patients with chronic kidney disease. <i>Kidney International</i> , 2018 , 93, 1248	9.9	1
665	The 'lottery' of cardiovascular risk estimation with Internet-based risk calculators. <i>Journal of Medical Systems</i> , 2018 , 42, 68	5.1	4
664	Call for more transparency in manufacturers declarations on serum indices: On behalf of the Working Group for Preanalytical Phase (WG-PRE), European Federation of Clinical Chemistry and Laboratory Medicine (EFLM). <i>Clinica Chimica Acta</i> , 2018 , 484, 328-332	6.2	24
663	Are laboratory tests always needed? Frequency and causes of laboratory overuse in a hospital setting. <i>Clinical Biochemistry</i> , 2018 , 54, 85-91	3.5	28
662	Pharmacokinetic and pharmacodynamic re-evaluation of a genetic-guided warfarin trial. <i>European Journal of Clinical Pharmacology</i> , 2018 , 74, 571-582	2.8	2
661	Predicting Acute Kidney Injury in Intensive Care Unit Patients: The Role of Tissue Inhibitor of Metalloproteinases-2 and Insulin-Like Growth Factor-Binding Protein-7 Biomarkers. <i>Blood Purification</i> , 2018 , 45, 270-277	3.1	18
660	Practical recommendations for managing hemolyzed samples in clinical chemistry testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 718-727	5.9	68
659	Obese phenotype and natriuretic peptides in patients with heart failure with preserved ejection fraction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1015-1025	5.9	10
658	Harmonization of interpretative comments in laboratory hematology reporting: the recommendations of the Working Group on Diagnostic Hematology of the Italian Society of Clinical Chemistry and Clinical Molecular Biology (WGDH-SIBioC). <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 57, 66-77	5.9	7
657	Short- and medium-term biological variation estimates of red blood cell and reticulocyte parameters in healthy subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 954-963	5.9	12
656	Quality and future of clinical laboratories: the Vico's whole cyclical theory of the recurring cycles. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 901-908	5.9	16
655	What information on measurement uncertainty should be communicated to clinicians, and how?. <i>Clinical Biochemistry</i> , 2018 , 57, 18-22	3.5	18
654	How is cardiac troponin released from injured myocardium?. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 553-560	4.3	104
653	Impact of etiology of chronic liver disease on hepatocellular carcinoma biomarkers. <i>Cancer Biomarkers</i> , 2018 , 21, 603-612	3.8	15

652	Extra-analytical quality indicators - where to now?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 57, 127-133	5.9	7
651	Recent initiatives in harmonization of hemostasis practice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1608-1619	5.9	3
650	HCV core antigen comes of age: a new opportunity for the diagnosis of hepatitis C virus infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 880-888	5.9	14
649	miRNAs may change rapidly with thoughts: The Relaxation Response after myocardial infarction. <i>European Journal of Integrative Medicine</i> , 2018 , 20, 63-72	1.7	6
648	Usefulness of glycated albumin as a biomarker for glucose control and prognostic factor in chronic kidney disease patients on dialysis (CKD-G5D). <i>Diabetes Research and Clinical Practice</i> , 2018 , 140, 9-17	7.4	11
647	Validation of an immunoturbidimetric assay for assessment of C reactive protein in synovial fluid. <i>Journal of Immunological Methods</i> , 2018 , 457, 22-25	2.5	1
646	Measurement uncertainty in laboratory reports: A tool for improving the interpretation of test results. <i>Clinical Biochemistry</i> , 2018 , 57, 41-47	3.5	18
645	What to do when you question cardiac troponin values. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 577-586	4.3	43
644	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
643	The EFLM strategy for harmonization of the preanalytical phase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1660-1666	5.9	31
642	Thoughts modulate the expression of inflammatory genes and may improve the coronary blood flow in patients after a myocardial infarction. <i>Journal of Traditional and Complementary Medicine</i> , 2018 , 8, 150-163	4.6	13
641	Use of copeptin for rapid rule-out of acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 570-576	4.3	29
640	The risk of unjustified BRCA testing after the "Angelina Jolie effect": how can we save (laboratory) medicine from the Internet?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e33-e35	5.9	2
639	Calcium-sensing receptor polymorphisms increase the risk of osteoporosis in ageing males. <i>Endocrine</i> , 2018 , 61, 349-352	4	4
638	Copeptin as a diagnostic and prognostic biomarker in patients admitted to Emergency Department with syncope, presyncope and vertiginous syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e72-e74	5.9	1
637	Insulin autoimmune syndrome (Hirata's disease) in an Italian patient: a case report and review of the literature. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 889-895	5.9	19
636	Improved salivary cortisol rhythm with dual-release hydrocortisone. <i>Endocrine Connections</i> , 2018 , 7, 965-974	3.7	13
635	MALDI-TOF peptidomic analysis of serum and post-prostatic massage urine specimens to identify prostate cancer biomarkers. <i>Clinical Proteomics</i> , 2018 , 15, 23	5	5

634	Joint EFLM-COLABIOCLI Recommendation for venous blood sampling. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 2015-2038	5.9	90
633	Internal quality assurance of HIL indices on Roche Cobas c702. <i>PLoS ONE</i> , 2018 , 13, e0200088	3.7	16
632	Metyrapone treatment in Cushing's syndrome: a real-life study. <i>Endocrine</i> , 2018 , 62, 701-711	4	25
631	Norbert Tietz, 13th November 1926-23rd May 2018. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1198-1199	5.9	
630	Validation model of a laboratory-developed method for the ISO15189 accreditation: The example of salivary cortisol determination. <i>Clinica Chimica Acta</i> , 2018 , 485, 224-228	6.2	9
629	Improving IBD diagnosis and monitoring by understanding preanalytical, analytical and biological fecal calprotectin variability. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1926-1935	5.9	22
628	Harmonization of units and reference intervals of plasma proteins: state of the art from an External Quality Assessment Scheme. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 57, 95-105	5.9	2
627	Patient safety and POCT 2018 , 281-286		
626	Procalcitonin-guided antibiotic therapy: an expert consensus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1223-1229	5.9	34
625	Clinical laboratory: bigger is not always better. <i>Diagnosis</i> , 2018 , 5, 41-46	4.2	6
624	A collaborative study by the Working Group on Hemostasis and Thrombosis of the Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) on the interference of haemolysis on five routine blood coagulation tests by evaluation of 269 paired haemolysed/non-haemolysed samples. <i>Biochimica Medica</i> , 2018 , 28, 030711	2.5	11
623	Genetics in TNF-TNFR pathway: A complex network causing spondyloarthritis and conditioning response to anti-TNF therapy. <i>PLoS ONE</i> , 2018 , 13, e0194693	3.7	13
622	Haemolysis index for the screening of intravascular haemolysis: a novel diagnostic opportunity?. <i>Blood Transfusion</i> , 2018 , 16, 433-437	3.6	12
621	Cigarette Smoking is Associated with Decreased Bone Gla-protein (BGP) Levels in Hemodialysis Patients. <i>Current Vascular Pharmacology</i> , 2018 , 16, 603-609	3.3	3
620	Daily salivary cortisol and cortisone rhythm in patients with adrenal incidentaloma. <i>Endocrine</i> , 2018 , 59, 510-519	4	19
619	Harmonization in laboratory medicine: more than clinical chemistry?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1579-1586	5.9	23
618	Recent developments and innovations in red blood cells diagnostics. <i>Journal of Laboratory and Precision Medicine</i> , 2018 , 3, 68-68	1.1	6
617	Developments in molecular diagnostics. <i>Journal of Laboratory and Precision Medicine</i> , 2018 , 3, 81-81	1.1	

616	How do we use the data from pre-analytical quality indicators and how should we?. <i>Journal of Laboratory and Precision Medicine</i> , 2018 , 3, 40-40	1.1	8
615	The state-of-the-art of High-sensitivity Immunoassay for measuring cardiac troponin I and T. <i>Journal of Laboratory and Precision Medicine</i> , 2018 , 3, 53-53	1.1	6
614	Glucose variation in centrifuged serum and lithium-heparin gel tubes stored for up to 96 hours at room temperature or 4 °C. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018 , 78, 546-550	2	3
613	D-dimer: Preanalytical, analytical, postanalytical variables, and clinical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018 , 55, 548-577	9.4	61
612	Influence of serum 25-hydroxyvitamin D levels, fat-free mass, and fat mass on bone density, geometry and strength, in healthy young and elderly adults. <i>Experimental Gerontology</i> , 2018 , 113, 193-198	4.5	2
611	System-related and cognitive errors in laboratory medicine. <i>Diagnosis</i> , 2018 , 5, 191-196	4.2	3
610	PSA-based, prostate cancer risk on-line calculators: no such thing as a crystal ball?. <i>Diagnosis</i> , 2018 , 5, 253-255	4.2	
609	FP601 DECREASED OSTEOCALCIN LEVELS AND INCREASED MORTALITY IN HEMODIALYSIS PATIENTS WITH DIABETES MELLITUS. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i244-i245	4.3	
608	Analytical performance evaluation of the new GEM Premier 5000 analyzer in comparison to the GEM Premier 4000 and the RapidPoint 405 systems. <i>Clinica Chimica Acta</i> , 2018 , 486, 313-319	6.2	4
607	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
606	RANKL Expression Is Increased in Circulating Mononuclear Cells of Patients with Calcific Aortic Stenosis. <i>Journal of Cardiovascular Translational Research</i> , 2018 , 11, 329-338	3.3	4
605	External quality assessment programs in the context of ISO 15189 accreditation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 1644-1654	5.9	16
604	Warfarin, but not rivaroxaban, promotes the calcification of the aortic valve in ApoE ^{-/-} mice. <i>Cardiovascular Therapeutics</i> , 2018 , 36, e12438	3.3	22
603	Quality of plasma samples and BD Vacutainer Barricor tubes: Effects of centrifugation. <i>Clinica Chimica Acta</i> , 2018 , 483, 271-274	6.2	13
602	The EuBIVAS: Within- and Between-Subject Biological Variation Data for Electrolytes, Lipids, Urea, Uric Acid, Total Protein, Total Bilirubin, Direct Bilirubin, and Glucose. <i>Clinical Chemistry</i> , 2018 , 64, 1380-1393	5.5	52
601	Will sacubitril-valsartan diminish the clinical utility of B-type natriuretic peptide testing in acute cardiac care?. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017 , 6, 321-328	4.3	21
600	How to use D-dimer in acute cardiovascular care. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017 , 6, 69-80	4.3	41
599	The principles of Health Technology Assessment in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 32-37	5.9	7

598	Low vitamin K1 intake in haemodialysis patients. <i>Clinical Nutrition</i> , 2017 , 36, 601-607	5.9	27
597	Rapid rule out of acute myocardial infarction: novel biomarker-based strategies. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2017 , 6, 218-222	4.3	46
596	Anti-DFS70 antibodies in healthy schoolchildren: A follow-up analysis. <i>Autoimmunity Reviews</i> , 2017 , 16, 210-211	13.6	12
595	Performance specifications for the extra-analytical phases of laboratory testing: Why and how. <i>Clinical Biochemistry</i> , 2017 , 50, 550-554	3.5	18
594	Biomarkers of acute kidney injury: the pathway from discovery to clinical adoption. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1074-1089	5.9	149
593	DPP-4 inhibition has no acute effect on BNP and its N-terminal pro-hormone measured by commercial immune-assays. A randomized cross-over trial in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2017 , 16, 22	8.7	13
592	Cardiac biomarkers of acute coronary syndrome: from history to high-sensitive cardiac troponin. <i>Internal and Emergency Medicine</i> , 2017 , 12, 143-145	3.7	3
591	Reporting altered test results in hemolyzed samples: is the cure worse than the disease?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1112-1114	5.9	14
590	Improving quality in the preanalytical phase through innovation, on behalf of the European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for Preanalytical Phase (WG-PRE). <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 489-500	5.9	29
589	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
588	Innovative software for recording preanalytical errors in accord with the IFCC quality indicators. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, e51-e53	5.9	20
587	Managing the patient identification crisis in healthcare and laboratory medicine. <i>Clinical Biochemistry</i> , 2017 , 50, 562-567	3.5	13
586	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
585	Parathormone stability in hemodialyzed patients and healthy subjects: comparison on non-centrifuged EDTA and serum samples with second- and third-generation assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1152-1159	5.9	6
584	An approach for estimating measurement uncertainty in medical laboratories using data from long-term quality control and external quality assessment schemes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1696-1701	5.9	26
583	Preanalytical variables for liquid chromatography-mass spectrometry (LC-MS) analysis of human blood specimens. <i>Clinical Biochemistry</i> , 2017 , 50, 582-586	3.5	19
582	Biological Variation Estimates Obtained from 91 Healthy Study Participants for 9 Enzymes in Serum. <i>Clinical Chemistry</i> , 2017 , 63, 1141-1150	5.5	43
581	Performance specifications in extra-analytical phase of laboratory testing: Sample handling and transportation. <i>Clinical Biochemistry</i> , 2017 , 50, 574-578	3.5	7

580	Impaired Release of Vitamin D in Dysfunctional Adipose Tissue: New Cues on Vitamin D Supplementation in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2564-2574	5.6	29
579	The 99th percentile of reference population for cTnI and cTnT assay: methodology, pathophysiology and clinical implications. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1634-1651	5.9	50
578	Biological variation of platelet parameters determined by the Sysmex XN hematology analyzer. <i>Clinica Chimica Acta</i> , 2017 , 470, 125-132	6.2	28
577	Delayed Nephrology Consultation and High Mortality on Acute Kidney Injury: A Meta-Analysis. <i>Blood Purification</i> , 2017 , 43, 57-67	3.1	33
576	Diagnostic accuracy of increased urinary cortisol/cortisone ratio to differentiate ACTH-dependent Cushing's syndrome. <i>Clinical Endocrinology</i> , 2017 , 87, 500-507	3.4	13
575	Quantitative Value of Aldosterone-Renin Ratio for Detection of Aldosterone-Producing Adenoma: The Aldosterone-Renin Ratio for Primary Aldosteronism (AQUARR) Study. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	41
574	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
573	Performance specifications of critical results management. <i>Clinical Biochemistry</i> , 2017 , 50, 617-621	3.5	10
572	Androstenedione and 17- β -Hydroxyprogesterone Are Better Indicators of Adrenal Vein Sampling Selectivity Than Cortisol. <i>Hypertension</i> , 2017 , 70, 342-346	8.5	24
571	Letter to the Editor: What Is the Role of Serum Thyroglobulin Measurement in Patients With Differentiated Thyroid Cancer Treated Without Radioactive Iodine?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 2113-2114	5.6	4
570	Clinical performance of cardiac Troponin I: A comparison between the POCT AQT90 FLEX and the Dimension Vista analyzer in an emergency setting. <i>Clinical Biochemistry</i> , 2017 , 50, 763-767	3.5	12
569	Extra-analytical quality indicators and laboratory performances. <i>Clinical Biochemistry</i> , 2017 , 50, 632-637	3.5	10
568	Statins for Primary Prevention of Cardiovascular Disease. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 111-112	13.2	13
567	Critical laboratory values in hemostasis: toward consensus. <i>Annals of Medicine</i> , 2017 , 49, 455-461	1.5	12
566	Estimating the intra- and inter-individual imprecision of manual pipetting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 962-966	5.9	18
565	Quality Indicators for the Total Testing Process. <i>Clinics in Laboratory Medicine</i> , 2017 , 37, 187-205	2.1	46
564	Quality Indicators in Laboratory Medicine: the status of the progress of IFCC Working Group "Laboratory Errors and Patient Safety" project. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 348-357	5.9	59
563	Massive Troponin Release and Normal Coronary Arteries: Where Does the Truth Lie?. <i>Clinical Chemistry</i> , 2017 , 63, 1570-1573	5.5	

562	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
561	Increased Levels of sRAGE in Diabetic CKD-G5D Patients: A Potential Protective Mechanism against AGE-Related Upregulation of Fibroblast Growth Factor 23 and Inflammation. <i>Mediators of Inflammation</i> , 2017 , 2017, 9845175	4.3	9
560	Verification or validation, that is the question. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 58-581		4
559	Uncertainty, quality, safety and accreditation in laboratory medicine. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 80-80	1.1	1
558	Patient safety and risk management in medical laboratories: theory and practical application. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 75-75	1.1	3
557	Issues and challenges in applicability of measurement uncertainty estimation in medical laboratories. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 69-69	1.1	2
556	Academy of Emergency Medicine and Care-Society of Clinical Biochemistry and Clinical Molecular Biology consensus recommendations for clinical use of sepsis biomarkers in the emergency department. <i>Emergency Care Journal</i> , 2017 , 13,	1.2	5
555	New issues on measurement of B-type natriuretic peptides. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 56, 32-39	5.9	13
554	Preanalytical Issues in Hemostasis and Thrombosis Testing. <i>Methods in Molecular Biology</i> , 2017 , 1646, 29-42	1.4	22
553	The EuBIVAS Project: Within- and Between-Subject Biological Variation Data for Serum Creatinine Using Enzymatic and Alkaline Picrate Methods and Implications for Monitoring. <i>Clinical Chemistry</i> , 2017 , 63, 1527-1536	5.5	46
552	Short- and medium-term biological variation estimates of leukocytes extended to differential count and morphology-structural parameters (cell population data) in blood samples obtained from healthy people. <i>Clinica Chimica Acta</i> , 2017 , 473, 147-156	6.2	21
551	ISO 15189 Accreditation: Navigation Between Quality Management and Patient Safety. <i>Journal of Medical Biochemistry</i> , 2017 , 36, 225-230	1.9	10
550	D-Dimer Testing: Laboratory Aspects and Current Issues. <i>Methods in Molecular Biology</i> , 2017 , 1646, 91-104		28
549	High intensity interval resistance training (HIIRT) in older adults: Effects on body composition, strength, anabolic hormones and blood lipids. <i>Experimental Gerontology</i> , 2017 , 98, 91-98	4.5	14
548	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
547	Patient and Sample Identification. Out of the Maze?. <i>Journal of Medical Biochemistry</i> , 2017 , 36, 107-112	1.9	16
546	Analytical evaluation of the new Beckman Coulter Access high sensitivity cardiac troponin I immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 56, 157-161	5.9	24
545	Serp1nB3 Promotes Pro-fibrogenic Responses in Activated Hepatic Stellate Cells. <i>Scientific Reports</i> , 2017 , 7, 3420	4.9	13

544	Definition of the upper reference limit of glycated albumin in blood donors from Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 56, 120-125	5.9	28
543	Relevance of pre-analytical blood management on the emerging cardiovascular protein biomarkers TWEAK and HMGB1 and on miRNA serum and plasma profiling. <i>Clinical Biochemistry</i> , 2017 , 50, 186-193	3.5	18
542	A real-world evidence-based approach to laboratory reorganization using e-Valuate benchmarking data. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 435-440	5.9	1
541	Quality in laboratory medicine: 50years on. <i>Clinical Biochemistry</i> , 2017 , 50, 101-104	3.5	19
540	Order of blood draw: Opinion Paper by the European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for the Preanalytical Phase (WG-PRE). <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 27-31	5.9	38
539	Performance evaluation of ImmunoCAP [®] ISAC 112: a multi-site study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 571-577	5.9	14
538	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
537	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
536	Vitamin K plasma levels determination in human health. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 789-799	5.9	57
535	Repeated Potassium Testing in Hemolyzed Specimens Collected in the Emergency Department: More Pros Than Cons. <i>Journal of Emergency Medicine</i> , 2017 , 52, 105-106	1.5	1
534	The rs2274911 polymorphism in GPRC6A gene is associated with insulin resistance in normal weight and obese subjects. <i>Clinical Endocrinology</i> , 2017 , 86, 185-191	3.4	23
533	Diagnosis of sphingolipidoses: a new simultaneous measurement of lysosphingolipids by LC-MS/MS. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 403-414	5.9	58
532	Novel Opportunities for Improving the Quality of Preanalytical Phase. A Glimpse to the Future?. <i>Journal of Medical Biochemistry</i> , 2017 , 36, 293-300	1.9	10
531	The add value of laboratory diagnostics: the many reasons why decision-makers should actually care. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 100-100	1.1	9
530	ISO 15189 accreditation and competence: a new opportunity for laboratory medicine. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 79-79	1.1	6
529	Quality in laboratory medicine: an unfinished journey. <i>Journal of Laboratory and Precision Medicine</i> , 2017 , 2, 63-63	1.1	3
528	Blood tubes should be labeled before drawing blood. <i>Annals of Blood</i> , 2017 , 2, 18-18	0.6	3
527	Spondyloarthritis: Matrix Metalloproteinases as Biomarkers of Pathogenesis and Response to Tumor Necrosis Factor (TNF) Inhibitors. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	9

526	Enhanced Osteogenic Differentiation in Zoledronate-Treated Osteoporotic Patients. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
525	Establishing the upper reference limit of Galectin-3 in healthy blood donors. <i>Biochemia Medica</i> , 2017 , 27, 030709	2.5	24
524	PDAC-derived exosomes enrich the microenvironment in MDSCs in a -dependent manner through a new calcium related axis. <i>Oncotarget</i> , 2017 , 8, 84928-84944	3.3	30
523	Inappropriateness in laboratory medicine: an elephant in the room?. <i>Annals of Translational Medicine</i> , 2017 , 5, 82	3.2	17
522	Patientensicherheit und POCT 2017 , 281-286		
521	Verification of examination procedures in clinical laboratory for imprecision, trueness and diagnostic accuracy according to ISO 15189:2012: a pragmatic approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1501-1508	5.9	22
520	Calcimimetic and vitamin D analog use in hemodialyzed patients is associated with increased levels of vitamin K dependent proteins. <i>Endocrine</i> , 2016 , 51, 333-41	4	19
519	The Potential Role of GnRH Agonists and Antagonists in Inducing Thyroid Physiopathological Changes During IVF. <i>Reproductive Sciences</i> , 2016 , 23, 515-23	3	16
518	Developing GRADE outcome-based recommendations about diagnostic tests: a key role in laboratory medicine policies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 535-43	5.9	10
517	Toxic Alcohol Calculations and Misinterpretation of Laboratory Results. <i>JAMA Internal Medicine</i> , 2016 , 176, 1228-9	11.5	2
516	Assuring the quality of interpretative comments in clinical chemistry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1901-1911	5.9	36
515	Letter to the Editor in reply to Dayyani and Morgenstern's comment on the article "Identifying risk in the use of tumor markers to improve patient safety". <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e385-e386	5.9	
514	CCLM Award for the Most Cited Paper Recently Published. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1699	5.9	
513	Patient identification and tube labelling - a call for harmonisation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1141-5	5.9	29
512	Harmonization in laboratory medicine: Requests, samples, measurements and reports. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016 , 53, 184-96	9.4	40
511	How to report results of prothrombin and activated partial thromboplastin times. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 215-22	5.9	14
510	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
509	Fetal Endothelial Remodeling in Late-Onset Gestational Hypertension. <i>American Journal of Hypertension</i> , 2016 , 29, 273-9	2.3	10

508	Performance criteria and quality indicators for the post-analytical phase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1169-76	5.9	38
507	Prospective validation of an automated chemiluminescence-based assay of renin and aldosterone for the work-up of arterial hypertension. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1441-50	5.9	40
506	Computer-based-limited and personalised education management maximise appropriateness of vitamin D, vitamin B12 and folate retesting. <i>Journal of Clinical Pathology</i> , 2016 , 69, 777-83	3.9	19
505	EFLM WG-Preanalytical phase opinion paper: local validation of blood collection tubes in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 755-60	5.9	37
504	Blood expression of matrix metalloproteinases 8 and 9 and of their inducers S100A8 and S100A9 supports diagnosis and prognosis of PDAC-associated diabetes mellitus. <i>Clinica Chimica Acta</i> , 2016 , 456, 24-30	6.2	13
503	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
502	Identifying risk in the use of tumor markers to improve patient safety. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1947-1953	5.9	5
501	The cardiac surgery-associated neutrophil gelatinase-associated lipocalin (CSA-NGAL) score: A potential tool to monitor acute tubular damage. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016 , 151, 1476-81	1.5	56
500	Automated saliva processing for LC-MS/MS: Improving laboratory efficiency in cortisol and cortisone testing. <i>Clinical Biochemistry</i> , 2016 , 49, 518-520	3.5	9
499	High level of oxysterols in neonatal cholestasis: a pitfall in analysis of biochemical markers for Niemann-Pick type C disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1221-9	5.9	32
498	Clinical utility of the (-2)proPSA and evaluation of the evidence: a systematic review. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1123-32	5.9	5
497	Glypican-1 as a highly sensitive and specific pancreatic cancer biomarker. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e1-2	5.9	14
496	Acute kidney stress--a useful term based on evolution in the understanding of acute kidney injury. <i>Critical Care</i> , 2016 , 20, 23	10.8	34
495	Improving accuracy of diagnostic studies in a world with limited resources: a road ahead. <i>Annals of Translational Medicine</i> , 2016 , 4, 43	3.2	3
494	Mineralocorticoid receptor is involved in the aldosterone pathway in human red blood cells. <i>American Journal of Translational Research (discontinued)</i> , 2016 , 8, 314-28	3	9
493	Harmonization of Clinical Laboratory Information - Current and Future Strategies. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2016 , 27, 15-22	2.4	18
492	Biological samples transportation by drones: ready for prime time?. <i>Annals of Translational Medicine</i> , 2016 , 4, 92	3.2	30
491	Column in laboratory medicine. <i>Annals of Translational Medicine</i> , 2016 , 4, 274	3.2	0

490	The future of laboratory medicine in the era of precision medicine. <i>Journal of Laboratory and Precision Medicine</i> , 2016 , 1, 7-7	1.1	9
489	Standardizing in vitro diagnostics tasks in clinical trials: a call for action. <i>Annals of Translational Medicine</i> , 2016 , 4, 181	3.2	14
488	SMAD4 loss enables EGF, TGF β 1 and S100A8/A9 induced activation of critical pathways to invasion in human pancreatic adenocarcinoma cells. <i>Oncotarget</i> , 2016 , 7, 69927-69944	3.3	13
487	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
486	Quality performance of laboratory testing in pharmacies: a collaborative evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1745-1751	5.9	3
485	Measurement uncertainty - a revised understanding of its calculation and use. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1277-9	5.9	7
484	Pilot study on harmonization of cardiac troponin I immunoassays using patients and quality control plasma samples. On behalf of the Italian Section of the European Ligand Assay Society (ELAS) and of the Study Group on Cardiovascular Biomarkers of the Societ�Italiana di Biochimica Clinica (SIBioC). <i>Clinica Chimica Acta</i> , 2016 , 456, 42-48	6.2	22
483	The role of European Federation of Clinical Chemistry and Laboratory Medicine Working Group for Preanalytical Phase in standardization and harmonization of the preanalytical phase in Europe. <i>Annals of Clinical Biochemistry</i> , 2016 , 53, 539-47	2.2	25
482	Laboratory Critical Values Should Support Effective Clinical Decision Making. <i>American Journal of Clinical Pathology</i> , 2016 , 145, 142-3	1.9	1
481	The Choosing Wisely campaign - don't throw the baby out with the bathwater. <i>Diagnosis</i> , 2016 , 3, 13-16	4.2	0
480	Healthcare is a giant with feet of clay. <i>Diagnosis</i> , 2016 , 3, 43-48	4.2	1
479	Free light chains and heavy/light chains in monitoring POEMS patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1065-71	5.9	2
478	Calcitonin measurement and immunoassay interference: a case report and literature review. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1861-1870	5.9	15
477	Sample collections from healthy volunteers for biological variation estimates' update: a new project undertaken by the Working Group on Biological Variation established by the European Federation of Clinical Chemistry and Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1500-100	5.9	55
476	Italian Advisory Board: sFlt-1/PlGF ratio and preeclampsia, state of the art and developments in diagnostic, therapeutic and clinical management. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 206, 70-73	2.4	15
475	Optimization of Cellular analysis of Synovial Fluids by optical microscopy and automated count using the Sysmex XN Body Fluid Mode. <i>Clinica Chimica Acta</i> , 2016 , 462, 41-48	6.2	15
474	Critical pre-examination variables in the hemostasis laboratory and their quality indicators. <i>Clinical Biochemistry</i> , 2016 , 49, 1315-1320	3.5	25
473	Analytical evaluation of the novel Lumipulse G BRAHMS procalcitonin immunoassay. <i>Practical Laboratory Medicine</i> , 2016 , 6, 8-13	1.7	5

472	The use of extra-analytical phase quality indicators by clinical laboratories: the results of an international survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e315-e317	5.9	10
471	Theranos phenomenon - Part 5: Theranos' presentation at the American Association for Clinical Chemistry Annual Conference 2016. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, e313-4	5.9	2
470	Towards a new paradigm in laboratory medicine: the five rights. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1881-1891	5.9	46
469	Osteocalcin and Sex Hormone Binding Globulin Compete on a Specific Binding Site of GPRC6A. <i>Endocrinology</i> , 2016 , 157, 4473-4486	4.8	36
468	Evaluation of the hypochromic erythrocyte and reticulocyte hemoglobin content provided by the Sysmex XE-5000 analyzer in diagnosis of iron deficiency erythropoiesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1939-1945	5.9	19
467	The Theranos phenomenon, scientific transparency and freedom of speech. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 1403-5	5.9	3
466	Atorvastatin Reduces Circulating Osteoprogenitor Cells and T-Cell RANKL Expression in Osteoporotic Women: Implications for the Bone-Vascular Axis. <i>Cardiovascular Therapeutics</i> , 2016 , 34, 13-20	3.3	15
465	Association between intestinal permeability and faecal microbiota composition in Italian children with beta cell autoimmunity at risk for type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 700-709	7.5	54
464	Multicenter comparison of automated procalcitonin immunoassays. <i>Practical Laboratory Medicine</i> , 2015 , 2, 22-28	1.7	34
463	Complete blood count at the ED: preanalytic variables for hemoglobin and leukocytes. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 1152-7	2.9	4
462	Test utilization is a quality control issue. <i>American Journal of Clinical Pathology</i> , 2015 , 143, 910-1	1.9	2
461	Quality in hemostasis and thrombosis - part IV. <i>Seminars in Thrombosis and Hemostasis</i> , 2015 , 41, 263-6	5.3	2
460	The use of S-Monovette is effective to reduce the burden of hemolysis in a large urban emergency department. <i>Biochimica Medica</i> , 2015 , 25, 69-72	2.5	10
459	Clinical laboratories: production industry or medical services?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 995-1004	5.9	27
458	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
457	The changing face of hemostasis testing in modern laboratories: consolidation, automation, and beyond. <i>Seminars in Thrombosis and Hemostasis</i> , 2015 , 41, 294-9	5.3	20
456	A contribution to detection of anticardiolipin and anti- β glycoprotein I antibodies: Comparison between a home-made ELISA and a fluorescence enzyme immunoassay. <i>Clinica Chimica Acta</i> , 2015 , 446, 93-6	6.2	6
455	Mean corpuscular volume and red blood cell distribution width are independent predictors of serum potassium concentration in healthy individuals. <i>Clinica Chimica Acta</i> , 2015 , 446, 117-8	6.2	9

454	Can biomarkers help us to better diagnose and manage sepsis?. <i>Diagnosis</i> , 2015 , 2, 81-87	4.2	4
453	An extension of STARD statements for reporting diagnostic accuracy studies on liver fibrosis tests: the Liver-FibroSTARD standards. <i>Journal of Hepatology</i> , 2015 , 62, 807-15	13.4	46
452	Biomarker Panels and Multiple Readouts 2015 , 159-166		
451	Omics Translation 2015 , 15-24		
450	Salivary cortisol and cortisone by LC-MS/MS: validation, reference intervals and diagnostic accuracy in Cushing's syndrome. <i>Clinica Chimica Acta</i> , 2015 , 451, 247-51	6.2	67
449	Pre-analytical phase: The automated ProTube device supports quality assurance in the phlebotomy process. <i>Clinica Chimica Acta</i> , 2015 , 451, 287-91	6.2	15
448	The Italian External Quality Assessment (EQA) program on urinary sediment: results of the period 2012-2015. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53 Suppl 2, s1495-502	5.9	7
447	Screening Tests for Cushing's Syndrome: Urinary Free Cortisol Role Measured by LC-MS/MS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3856-61	5.6	50
446	Clinical utility of reticulocyte parameters. <i>Clinics in Laboratory Medicine</i> , 2015 , 35, 133-63	2.1	72
445	VEGF-targeted therapy stably modulates the glycolytic phenotype of tumor cells. <i>Cancer Research</i> , 2015 , 75, 120-33	10.1	56
444	Regular versus as-needed budesonide and formoterol combination treatment for moderate asthma: a non-inferiority, randomised, double-blind clinical trial. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 109-119	35.1	18
443	Analytical validation of a Biochip prototype for integrated analysis of AFP-IgM and SCCA-IgM serum biomarkers in patients with liver cirrhosis and hepatocellular carcinoma. <i>Analytical Methods</i> , 2015 , 7, 629-637	3.2	5
442	IFCC educational materials on selected analytical and clinical applications of high sensitivity cardiac troponin assays. <i>Clinical Biochemistry</i> , 2015 , 48, 201-3	3.5	158
441	Pathogenesis of <i>Helicobacter pylori</i> in Humans 2015 , 607-634		
440	A case of factitious hyponatremia and hypokalemia due to the presence of fibrin gel in serum. <i>Diagnosis</i> , 2015 , 2, 73-74	4.2	8
439	Microarray-based IgE detection in tears of patients with vernal keratoconjunctivitis. <i>Pediatric Allergy and Immunology</i> , 2015 , 26, 641-5	4.2	21
438	Antibiotic treatment of severe exacerbations of chronic obstructive pulmonary disease with procalcitonin: a randomized noninferiority trial. <i>PLoS ONE</i> , 2015 , 10, e0118241	3.7	31
437	TNFA Haplotype Genetic Testing Improves HLA in Estimating the Risk of Celiac Disease in Children. <i>PLoS ONE</i> , 2015 , 10, e0123244	3.7	5

436	Short-term statin discontinuation increases endothelial progenitor cells without inflammatory rebound in type 2 diabetic patients. <i>Vascular Pharmacology</i> , 2015 , 67-69, 21-9	5.9	8
435	The novel S59P mutation in the TNFRSF1A gene identified in an adult onset TNF receptor associated periodic syndrome (TRAPS) constitutively activates NF- κ B pathway. <i>Arthritis Research and Therapy</i> , 2015 , 17, 93	5.7	32
434	Analytical evaluation of Diazyme procalcitonin (PCT) latex-enhanced immunoturbidimetric assay on Beckman Coulter AU5800. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 593-7	5.9	25
433	Harmonization protocols for thyroid stimulating hormone (TSH) immunoassays: different approaches based on the consensus mean value. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 377-82	5.9	25
432	Ranking prestige of medical and laboratory technology journals. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e85-7	5.9	0
431	Performance criteria and quality indicators for the pre-analytical phase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 943-8	5.9	65
430	Considerations in parathyroid hormone testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 1913-9	5.9	19
429	Adjustment of serum potassium for age and platelet count. A simple step forward towards personalized medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e325-7	5.9	9
428	Acute immunomodulatory changes during controlled ovarian stimulation: evidence from the first trial investigating the short-term effects of estradiol on biomarkers and B cells involved in autoimmunity. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 1765-72	3.4	7
427	Circulating Stem Cells Associate With Adiposity and Future Metabolic Deterioration in Healthy Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 4570-8	5.6	15
426	Prevalence and Clinical Relevance of IgE Sensitization to Profilin in Childhood: A Multicenter Study. <i>International Archives of Allergy and Immunology</i> , 2015 , 168, 25-31	3.7	44
425	Galectin-3 predicts long-term cardiovascular death in high-risk patients with coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 725-32	9.4	75
424	Advantages and pitfalls of fructosamine and glycated albumin in the diagnosis and treatment of diabetes. <i>Journal of Diabetes Science and Technology</i> , 2015 , 9, 169-76	4.1	93
423	Reproducibility in urine peptidome profiling using MALDI-TOF. <i>Proteomics</i> , 2015 , 15, 1476-85	4.8	7
422	A Randomized Trial of Pharmacogenetic Warfarin Dosing in Naïve Patients with Non-Valvular Atrial Fibrillation. <i>PLoS ONE</i> , 2015 , 10, e0145318	3.7	23
421	Diagnostic Errors and Laboratory Medicine - Causes and Strategies. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2015 , 26, 7-14	2.4	27
420	Prevalence of vertebral fractures, vascular calcifications, and mortality in warfarin treated hemodialysis patients. <i>Current Vascular Pharmacology</i> , 2015 , 13, 248-58	3.3	46
419	Utilization management: a European perspective. <i>Clinica Chimica Acta</i> , 2014 , 427, 137-41	6.2	21

418	Promoting clinical and laboratory interaction by harmonization. <i>Clinica Chimica Acta</i> , 2014 , 432, 15-21	6.2	48
417	PCA3 score of 20 could improve prostate cancer detection: results obtained on 734 Italian individuals. <i>Clinica Chimica Acta</i> , 2014 , 429, 46-50	6.2	14
416	First evaluation of a multi-capillary electrophoresis CDT assay on Helena Biosciences' V8 analyser. <i>Clinical Biochemistry</i> , 2014 , 47, 228-32	3.5	9
415	A false positive case of cardiac troponin I: which diagnostic approach?. <i>International Journal of Cardiology</i> , 2014 , 177, e42-3	3.2	2
414	In search for the Holy Grail: suggestions for studies to define delta changes to diagnose or exclude acute myocardial infarction: a position paper from the study group on biomarkers of the Acute Cardiovascular Care Association. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014 , 3, 313-6	4.3	24
413	HCV core antigen and HCV-RNA in HIV/HCV co-infected patients with different HCV genotypes. <i>BMC Infectious Diseases</i> , 2014 , 14, 222	4	26
412	Inflammation and pancreatic cancer: molecular and functional interactions between S100A8, S100A9, NT-S100A8 and TGF β . <i>Cell Communication and Signaling</i> , 2014 , 12, 20	7.5	24
411	The diagnostic performance of urinary free cortisol is better than the cortisol:cortisone ratio in detecting de novo Cushing's syndrome: the use of a LC-MS/MS method in routine clinical practice. <i>European Journal of Endocrinology</i> , 2014 , 171, 1-7	6.5	92
410	Atherosclerosis progression in psoriatic arthritis patients despite the treatment with tumor necrosis factor-alpha blockers: a two-year prospective observational study. <i>Joint Bone Spine</i> , 2014 , 81, 421-5	2.9	40
409	Reference range of hemolysis index in serum and lithium-heparin plasma measured with two analytical platforms in a population of unselected outpatients. <i>Clinica Chimica Acta</i> , 2014 , 429, 143-6	6.2	38
408	Defective ADAMTS13 synthesis as a possible consequence of NASH in an obese patient with recurrent thrombotic thrombocytopenic purpura. <i>European Journal of Haematology</i> , 2014 , 92, 497-501	3.8	5
407	Inversion of lithium heparin gel tubes after centrifugation is a significant source of bias in clinical chemistry testing. <i>Clinica Chimica Acta</i> , 2014 , 436, 183-7	6.2	15
406	Laboratory critical values: automated notification supports effective clinical decision making. <i>Clinical Biochemistry</i> , 2014 , 47, 1163-8	3.5	37
405	Defensive medicine and diagnostic testing. <i>Diagnosis</i> , 2014 , 1, 151-154	4.2	8
404	Laboratory-associated and diagnostic errors: a neglected link. <i>Diagnosis</i> , 2014 , 1, 89-94	4.2	14
403	Borderline ovarian tumors and diagnostic dilemma of intraoperative diagnosis: could preoperative He4 assay and ROMA score assessment increase the frozen section accuracy? A multicenter case-control study. <i>BioMed Research International</i> , 2014 , 2014, 803598	3	16
402	Quality in hemostasis and thrombosis--part III. Preface. <i>Seminars in Thrombosis and Hemostasis</i> , 2014 , 40, 140-5	5.3	3
401	The journey toward quality and patient safety in laboratory medicine continues. <i>North American Journal of Medical Sciences</i> , 2014 , 6, 229-30	0	6

400	Interference of medical contrast media on laboratory testing. <i>Biochimica Medica</i> , 2014 , 24, 80-8	2.5	27
399	Technological advances in the hemostasis laboratory. <i>Seminars in Thrombosis and Hemostasis</i> , 2014 , 40, 178-85	5.3	16
398	Adiponectin levels are reduced while markers of systemic inflammation and aortic remodelling are increased in intrauterine growth restricted mother-child couple. <i>BioMed Research International</i> , 2014 , 2014, 401595	3	26
397	Biomarkers in the emergency department. Handle with care. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1387-9	5.9	1
396	European multicenter analytical evaluation of the Abbott ARCHITECT STAT high sensitive troponin I immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1657-65	5.9	98
395	Evaluation of clinical cases in External Quality Assessment Scheme (EQAS) for the urinary sediment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 845-52	5.9	5
394	Excellence in acute cardiac care: an overview of the seminar proceedings. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014 , 3, 1-16	4.3	1
393	Laboratory preparedness to face infectious outbreaks. Ebola and beyond. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1681-4	5.9	5
392	Interference in thyroid hormones with Roche immunoassays: an unfinished story. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, e269-70	5.9	10
391	Asymmetric dimethylarginine, race, and mortality in hemodialysis patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 1426-33	6.9	10
390	The relationship between the Spine Deformity Index, biochemical parameters of bone metabolism and vascular calcifications: results from the Epidemiological VERtebral FRACTures iTalian Study (EVERFRACT) in dialysis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1595-603	5.9	7
389	Inflammatory bowel diseases: from pathogenesis to laboratory testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 471-81	5.9	23
388	Harmonization of pre-analytical quality indicators. <i>Biochimica Medica</i> , 2014 , 24, 105-13	2.5	56
387	Stat testing utilization in clinical laboratories. National survey of Italian Society of Clinical Biochemistry and Molecular Biology (SIBioC). <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, e79-84	5.9	5
386	Adopting European Network for Health Technology Assessments (EunetHTA) core model for diagnostic technologies for improving the accuracy and appropriateness of blood gas analyzers' assessment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1569-77	5.9	2
385	Cortisol and cortisone ratio in urine: LC-MS/MS method validation and preliminary clinical application. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 213-20	5.9	15
384	Harmonization of quality indicators in laboratory medicine. A preliminary consensus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 951-8	5.9	88
383	A new sampling device for faecal immunochemical testing: haemoglobin stability is still an open issue. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 1203-9	5.9	5

382	Gender's equality in evaluation of urine particles: Results of a multicenter study of the Italian Urinalysis Group. <i>Clinica Chimica Acta</i> , 2014 , 427, 1-5	6.2	10
381	The effect of component-resolved diagnosis on specific immunotherapy prescription in children with hay fever. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 75-81	11.5	118
380	Roles of insulin, age, and asymmetric dimethylarginine on nitric oxide synthesis in vivo. <i>Diabetes</i> , 2013 , 62, 2699-708	0.9	16
379	High prevalence of vertebral fractures assessed by quantitative morphometry in hemodialysis patients, strongly associated with vascular calcifications. <i>Calcified Tissue International</i> , 2013 , 93, 39-47	3.9	34
378	Chemiluminescence and ELISA-based serum assays for diagnosing and monitoring celiac disease in children: a comparative study. <i>Clinica Chimica Acta</i> , 2013 , 421, 202-7	6.2	11
377	Critical results communication: still an open issue. <i>Clinical Biochemistry</i> , 2013 , 46, 184	3.5	2
376	Systematical assessment of serum indices does not impair efficiency of clinical chemistry testing: a multicenter study. <i>Clinical Biochemistry</i> , 2013 , 46, 1281-4	3.5	13
375	Evaluation of biological variation of glycated albumin (GA) and fructosamine in healthy subjects. <i>Clinica Chimica Acta</i> , 2013 , 423, 1-4	6.2	27
374	Ischemia-modified albumin in the era of high-sensitivity troponin immunoassays: useful or hype?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013 , 73, 598-9	2	1
373	Multicenter evaluation of hemoglobin A1c assay on capillary electrophoresis. <i>Clinica Chimica Acta</i> , 2013 , 424, 207-11	6.2	20
372	Interference from heterophilic antibodies in troponin testing. Case report and systematic review of the literature. <i>Clinica Chimica Acta</i> , 2013 , 426, 79-84	6.2	59
371	Immunosuppressant therapeutic drug monitoring by LC-MS/MS: workflow optimization through automated processing of whole blood samples. <i>Clinical Biochemistry</i> , 2013 , 46, 1723-7	3.5	40
370	The concept of risk and the value of novel markers of acute kidney injury. <i>Critical Care</i> , 2013 , 17, 117	10.8	18
369	Quality indicators in laboratory medicine: a fundamental tool for quality and patient safety. <i>Clinical Biochemistry</i> , 2013 , 46, 1170-4	3.5	50
368	Serum free light chain reference values: a critical approach. <i>Clinical Biochemistry</i> , 2013 , 46, 691-3	3.5	12
367	Increased antibody response to microbial antigens in patients with Crohn's disease and their unaffected first-degree relatives. <i>Digestive and Liver Disease</i> , 2013 , 45, 894-8	3.3	8
366	Biological variability of lymphocyte subsets of human adults' blood. <i>Clinica Chimica Acta</i> , 2013 , 424, 159-63	6.2	18
365	Point: high-sensitive troponin assays is a valuable tool for astute physicians. <i>Emergency Care Journal</i> , 2013 , 9, 15	1.2	

364	Harmonization in laboratory medicine: the complete picture. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 741-51	5.9	110
363	Pediatric reference values for urine particle quantification by using automated flow cytometer: results of a multicenter study of Italian urinalysis group. <i>Clinical Biochemistry</i> , 2013 , 46, 1820-4	3.5	13
362	Effect of a last generation cardiac troponin assay on patients' management: a real world emergency department experience. <i>Clinica Chimica Acta</i> , 2013 , 418, 77-8	6.2	4
361	Interference in coagulation testing: focus on spurious hemolysis, icterus, and lipemia. <i>Seminars in Thrombosis and Hemostasis</i> , 2013 , 39, 258-66	5.3	80
360	Quality in hemostasis and thrombosis, part II. <i>Seminars in Thrombosis and Hemostasis</i> , 2013 , 39, 229-32	5.3	3
359	Regulation in hemostasis and thrombosis: part I-in vitro diagnostics. <i>Seminars in Thrombosis and Hemostasis</i> , 2013 , 39, 235-49	5.3	29
358	Towards harmonization of quality indicators in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 187-95	5.9	47
357	Shop for quality or quantity? Volumes and costs in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 295-301	5.9	17
356	The CCLM contribution to improvements in quality and patient safety. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 39-46	5.9	26
355	Proposal for the use in emergency departments of cardiac troponins measured with the latest generation methods in patients with suspected acute coronary syndrome without persistent ST-segment elevation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 1727-37	5.9	27
354	Usefulness of MALDI-TOF/MS identification of low-MW fragments in sera for the differential diagnosis of pancreatic cancer. <i>Pancreas</i> , 2013 , 42, 622-32	2.6	14
353	False myths and legends in laboratory diagnostics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 2087-97	5.9	5
352	Survey of national guidelines, education and training on phlebotomy in 28 European countries: an original report by the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) working group for the preanalytical phase (WG-PA). <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 1585-93	5.9	58
351	The S100A8/A9 complex reduces CTLA4 expression by immature myeloid cells: Implications for pancreatic cancer-driven immunosuppression. <i>Onc Immunology</i> , 2013 , 2, e24441	7.2	11
350	Preanalytical quality improvement: in quality we trust. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 229-41	5.9	124
349	Specificity of squamous cell carcinoma antigen (SCCA)-IgM detection in patients with HCV infection and rheumatoid factor seropositivity. <i>Journal of Medical Virology</i> , 2013 , 85, 1005-8	19.7	12
348	The role of automated analyzers in detecting abnormal granulation of leucocytes in lysosomal storage diseases: Maroteaux-Lamy disease. <i>American Journal of Hematology</i> , 2013 , 88, 527	7.1	5
347	Pollen-induced allergic rhinitis in 1360 Italian children: comorbidities and determinants of severity. <i>Pediatric Allergy and Immunology</i> , 2013 , 24, 742-51	4.2	50

346	Continuous-flow automation and hemolysis index: a crucial combination. <i>Journal of the Association for Laboratory Automation</i> , 2013 , 18, 184-8		18
345	Proposal for the use in emergency departments of cardiac troponins measured with the latest generation methods in patients with suspected acute coronary syndrome without persistent ST-segment elevation. <i>Emergency Care Journal</i> , 2013 , 9, 14	1.2	
344	Pancreatic tumors and immature immunosuppressive myeloid cells in blood and spleen: role of inhibitory co-stimulatory molecules PDL1 and CTLA4. An in vivo and in vitro study. <i>PLoS ONE</i> , 2013 , 8, e54824	3.7	39
343	La gestione del rischio nei laboratori di patologia clinica e microbiologia 2013 , 191-203		
342	Presence of anti-ADAMTS13 antibodies in obesity. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 1197-204	4.6	12
341	Vitamin K, vertebral fractures, vascular calcifications, and mortality: Vitamin K Italian (VIKI) dialysis study. <i>Journal of Bone and Mineral Research</i> , 2012 , 27, 2271-8	6.3	100
340	Current limitations and future perspectives of the Athlete Blood Passport. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3693-4	3.4	10
339	State of the art of BNP and NT-proBNP immunoassays: the CardioOrmoCheck study. <i>Clinica Chimica Acta</i> , 2012 , 414, 112-9	6.2	62
338	Molecular profiles of IgE to Phleum pratense in children with grass pollen allergy: implications for specific immunotherapy. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 834-839.e8	11.5	120
337	Recommendations for the use of natriuretic peptides in acute cardiac care: a position statement from the Study Group on Biomarkers in Cardiology of the ESC Working Group on Acute Cardiac Care. <i>European Heart Journal</i> , 2012 , 33, 2001-6	9.5	176
336	Pre-analytical Variables in Coagulation Testing Associated With Diagnostic Errors in Hemostasis. <i>Laboratory Medicine</i> , 2012 , 43, 1.2-10	1.6	79
335	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , 2012 , 33, 2252-7	9.5	531
334	Postconditioning during coronary angioplasty in acute myocardial infarction: the POST-AMI trial. <i>International Journal of Cardiology</i> , 2012 , 162, 33-8	3.2	104
333	HE4 in gynecological cancers: report of a European investigators and experts meeting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 2127-36	5.9	30
332	An unusual case of a primary blood collection tube with floating separator gel. <i>Journal of Clinical Laboratory Analysis</i> , 2012 , 26, 246-7	3	18
331	Troponin I measured with a high sensitivity immunoassay is significantly increased after a half marathon run. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012 , 72, 467-70	2	27
330	Critical laboratory results: communication is just one of the problems. <i>American Journal of Clinical Pathology</i> , 2012 , 137, 164; author reply 165	1.9	4
329	Patient safety and quality in laboratory and hemostasis testing: a renewed loop?. <i>Seminars in Thrombosis and Hemostasis</i> , 2012 , 38, 553-8	5.3	35

328	Quality in hemostasis and thrombosis--part I. <i>Seminars in Thrombosis and Hemostasis</i> , 2012 , 38, 549-52	5.3	5
327	How well are we training the next generation of clinical pathologists and clinical laboratory directors? A global perspective. <i>Clinical Chemistry</i> , 2012 , 58, 491-5	5.5	6
326	Effects of sample transportation on commonly requested laboratory tests. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1755-60	5.9	22
325	Mindray BS-800M1: a new clinical chemistry system with a flexible technology meeting quality performances. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 2041-3	5.9	
324	Considerations for early acute myocardial infarction rule-out for emergency department chest pain patients: the case of copeptin. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 243-53	5.9	23
323	Laboratory medicine and sports: between Scylla and Charybdis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1309-16	5.9	9
322	Exploring the initial steps of the testing process: frequency and nature of pre-preanalytic errors. <i>Clinical Chemistry</i> , 2012 , 58, 638-42	5.5	84
321	Pre-analytical errors and patient safety / Preanalitičke greške i bezbednost pacijenata. <i>Journal of Medical Biochemistry</i> , 2012 , 31, 265-270	1.9	7
320	Brazilian laboratory indicators program. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1923-34	5.9	24
319	Reference change values may need some improvement but are invaluable tools in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50,	5.9	11
318	Canine olfactory detection of cancer versus laboratory testing: myth or opportunity?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 435-9	5.9	44
317	Preanalytical management: serum vacuum tubes validation for routine clinical chemistry. <i>Biochimica Medica</i> , 2012 , 22, 180-6	2.5	30
316	Quality indicators to detect pre-analytical errors in laboratory testing. <i>Clinical Biochemist Reviews</i> , 2012 , 33, 85-8	7.3	50
315	Fibrinogen replacement therapy: a critical review of the literature. <i>Blood Transfusion</i> , 2012 , 10, 23-7	3.6	82
314	Growth in Celiac Disease: Impact on Physical and Compartmental Growth 2012 , 1933-1947		
313	A risk-analysis approach to the evaluation of analytical quality. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 67-71	5.9	6
312	Quantification of serum levels of pepsinogens and gastrin to assess eradication of <i>Helicobacter pylori</i> . <i>Clinical Gastroenterology and Hepatology</i> , 2011 , 9, 440-2	6.9	20
311	Quality Indicators in Laboratory Medicine: From theory to practice. Preliminary data from the IFCC Working Group Project "Laboratory Errors and Patient Safety". <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 835-44	5.9	83

310	Preanalytical quality improvement: from dream to reality. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1113-26	5.9	167
309	Hemolyzed specimens: a major challenge for emergency departments and clinical laboratories. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2011 , 48, 143-53	9.4	112
308	Quality indicators for laboratory diagnostics: consensus is needed. <i>Annals of Clinical Biochemistry</i> , 2011 , 48, 479	2.2	21
307	Reduction of unsuitable specimens: a more radical and comprehensive approach is needed. <i>Clinica Chimica Acta</i> , 2011 , 412, 400	6.2	1
306	New screening tests enrich anti-transglutaminase results and support a highly sensitive two-test based strategy for celiac disease diagnosis. <i>Clinica Chimica Acta</i> , 2011 , 412, 1662-7	6.2	19
305	Inflammatory biomarkers for the diagnosis, monitoring and follow-up of community-acquired pneumonia: clinical evidence and perspectives. <i>European Journal of Internal Medicine</i> , 2011 , 22, 460-5	3.9	32
304	TLR2 and TLR4 up-regulation and colonization of the ileal mucosa by Clostridiaceae spp. in chronic/relapsing pouchitis. <i>Journal of Surgical Research</i> , 2011 , 169, e145-54	2.5	19
303	High-sensitive troponin testing and the "runner's syndrome". <i>Journal of Emergency Medicine</i> , 2011 , 41, 85-7	1.5	6
302	Identification errors in the blood transfusion laboratory: a still relevant issue for patient safety. <i>Transfusion and Apheresis Science</i> , 2011 , 44, 231-3	2.4	15
301	Effects of long-term administration of recombinant human protein C in xenografted primates. <i>Transplantation</i> , 2011 , 91, 161-8	1.8	13
300	Interleukin 1 α and tumor necrosis factor- β polymorphisms in autoimmune gastritis. <i>European Journal of Gastroenterology and Hepatology</i> , 2011 , 23, 196	2.2	1
299	Pancreatic cancer alters human CD4+ T lymphocyte function: a piece in the immune evasion puzzle. <i>Pancreas</i> , 2011 , 40, 1131-7	2.6	17
298	Androgens modulate osteocalcin release by human visceral adipose tissue. <i>Clinical Endocrinology</i> , 2011 , 75, 64-9	3.4	15
297	The measurement of cardiac troponins in patients undergoing major orthopaedic surgery. <i>International Orthopaedics</i> , 2011 , 35, 463-4	3.8	1
296	L'esame delle urine chimico morfologico e culturale: proposta di linee guida per una procedura standardizzata della fase preanalitica. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , 2011 , 7, 25-35	1.1	5
295	Altered intracellular calcium fluxes in pancreatic cancer induced diabetes mellitus: Relevance of the S100A8 N-terminal peptide (NT-S100A8). <i>Journal of Cellular Physiology</i> , 2011 , 226, 456-68	7	16
294	Closing the brain-to-brain loop in laboratory testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1131-3	5.9	34
293	High-throughput LC-MS/MS method for monitoring sirolimus and everolimus in the routine clinical laboratory. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1151-8	5.9	15

292	The brain-to-brain loop concept for laboratory testing 40 years after its introduction. <i>American Journal of Clinical Pathology</i> , 2011 , 136, 829-33	1.9	119
291	VKORC1, CYP2C9 and CYP4F2 genetic-based algorithm for warfarin dosing: an Italian retrospective study. <i>Pharmacogenomics</i> , 2011 , 12, 15-25	2.6	52
290	ROMA or death: advances in epithelial ovarian cancer diagnosis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 443-5	5.9	5
289	Economic evidence in decision-making process in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 617-21	5.9	8
288	Circulating macrocomplexes: old wine in new bottles?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 759-60	5.9	5
287	Regulation of in vitro diagnostics (IVDs) for use in clinical diagnostic laboratories: towards the light or dark in clinical laboratory testing?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1965-73	5.9	6
286	Collective opinion paper on findings of the 2010 convocation of experts on laboratory quality. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 793-802	5.9	33
285	Non-invasive assessment of liver fibrosis: it is time for laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 13-32	5.9	16
284	Widespread increase in myeloid calcifying cells contributes to ectopic vascular calcification in type 2 diabetes. <i>Circulation Research</i> , 2011 , 108, 1112-21	15.7	95
283	Mid-stream vs. first-voided urine collection by using automated analyzers for particle examination in healthy subjects: an Italian multicenter study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 679-84	5.9	18
282	Monitoring quality indicators in laboratory medicine does not automatically result in quality improvement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 50, 463-9	5.9	24
281	Molecular refinement of clinical staging in hepatocellular carcinoma patients evaluated for potentially curative therapies. <i>PLoS ONE</i> , 2011 , 6, e23093	3.7	4
280	Call for Enrolling More Professionals in the IFCC Project on Laboratory Errors and Patient Safety. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2011 , 22, 1-5	2.4	
279	Is ANCA really related to chronic liver disease?. <i>Liver International</i> , 2010 , 30, 158-159	7.9	
278	Diagnosis of iron deficiency in patients undergoing hemodialysis. <i>American Journal of Clinical Pathology</i> , 2010 , 133, 949-54	1.9	56
277	Prognostic value of isolated troponin I elevation after percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 431-5	6	53
276	Kinetics of highly sensitive troponin I and T after eccentric exercise. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1677-9	5.9	6
275	Laboratory medicine and natural disasters: are we ready for the challenge?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 573-5	5.9	6

274	The Esr Test: An Old Test With New Contents. <i>Journal of Medical Biochemistry</i> , 2010 , 29, 266-268	1.9	
273	Diagnostic testing for celiac disease. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 304, 639; author reply 639-40	27.4	4
272	Assessment of critical values policies in Italian institutions: comparison with the US situation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 461-8	5.9	36
271	PATHFAST NT-proBNP (N-terminal-pro B type natriuretic peptide): a multicenter evaluation of a new point-of-care assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1029-34	5.9	15
270	Evaluating laboratory diagnostic tests and translational research. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 983-8	5.9	9
269	Skeletal muscle biomarkers: not new but still interesting diagnostic tools. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 745-6	5.9	5
268	Laboratory testing in pharmacies. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 943-53	5.9	21
267	Proteomic analysis of venous thromboembolism. <i>Expert Review of Proteomics</i> , 2010 , 7, 275-82	4.2	4
266	Vitamins B2 and B6 and genetic polymorphisms related to one-carbon metabolism as risk factors for gastric adenocarcinoma in the European prospective investigation into cancer and nutrition. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010 , 19, 28-38	4	31
265	The "hospital central laboratory": automation, integration and clinical usefulness. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 911-7	5.9	41
264	Atorvastatin reduces macrophage accumulation in atherosclerotic plaques: a comparison of a nonstatin-based regimen in patients undergoing carotid endarterectomy. <i>Stroke</i> , 2010 , 41, 1163-8	6.7	54
263	Design and methodologies of the POSTconditioning during coronary angioplasty in acute myocardial infarction (POST-AMI) trial. <i>Cardiology</i> , 2010 , 116, 110-6	1.6	20
262	Evidence for osteocalcin production by adipose tissue and its role in human metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3502-6	5.6	91
261	The detection and prevention of errors in laboratory medicine. <i>Annals of Clinical Biochemistry</i> , 2010 , 47, 101-10	2.2	256
260	Medical Errors: Pre-Analytical Issue in Patient Safety. <i>Journal of Medical Biochemistry</i> , 2010 , 29, 310-314	1.9	8
259	Laboratory "incidentalomas": facts or fiction?. <i>European Journal of Internal Medicine</i> , 2010 , 21, 572	3.9	3
258	Evaluation of erythrocyte band 3 phosphotyrosine level, glutathione content, CA-125, and human epididymal secretory protein E4 as combined parameters in endometriosis. <i>Fertility and Sterility</i> , 2010 , 94, 1616-21	4.8	29
257	An Italian external quality assessment (EQA) program on urinary sediment. <i>Clinica Chimica Acta</i> , 2010 , 411, 859-67	6.2	17

256	HPLC determination of plasma dimethylarginines: method validation and preliminary clinical application. <i>Clinica Chimica Acta</i> , 2010 , 411, 1632-6	6.2	21
255	Notification of abnormal and critical values: the road ahead. <i>American Journal of Medicine</i> , 2010 , 123, e19; author reply e21	2.4	0
254	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , 2010 , 31, 2197-204	9.5	455
253	Automated reticulocyte counting: state of the art and clinical applications in the evaluation of erythropoiesis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1369-80	5.9	55
252	Pathogenesis, laboratory, and clinical characteristics of Helicobacter pylori-associated immune thrombocytopenic purpura. <i>Advances in Clinical Chemistry</i> , 2010 , 52, 131-44	5.8	1
251	Influence of physiological dietary selenium supplementation on the natural course of autoimmune thyroiditis. <i>Clinical Endocrinology</i> , 2010 , 73, 535-9	3.4	42
250	Analogues of vitamin E epitomized by alpha-tocopheryl succinate for pancreatic cancer treatment: in vitro results induce caution for in vivo applications. <i>Pancreas</i> , 2010 , 39, 662-8	2.6	7
249	Subclinical intestinal inflammation in patients with Crohn's disease following bowel resection: a smoldering fire. <i>Journal of Gastrointestinal Surgery</i> , 2010 , 14, 24-31	3.3	23
248	Focused factories and boutique laboratories. The truth might lie in between. <i>Clinical Biochemistry</i> , 2010 , 43, 1484-1485	3.5	4
247	Multicenter evaluation of the hemolysis index in automated clinical chemistry systems. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 934-9	5.9	85
246	Antibodies against synthetic deamidated gliadin peptides for celiac disease diagnosis and follow-up in children. <i>Clinical Chemistry</i> , 2009 , 55, 150-7	5.5	72
245	The journal impact factor: navigating between Scylla and Charybdis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1315-6	5.9	1
244	Cardiac troponins: what we knew, what we know - where are we now?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1165-6	5.9	13
243	Proficiency testing project for brain natriuretic peptide (BNP) and the N-terminal part of the propeptide of BNP (NT-proBNP) immunoassays: the CardioOrmocheck study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 762-8	5.9	48
242	Precision performance at low levels and 99th percentile concentration of the Access AccuTnl assay on two different platforms. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 367-71	5.9	19
241	Pancreatic cancer biomarkers discovery by surface-enhanced laser desorption and ionization time-of-flight mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 713-23	5.9	28
240	Genetic and biochemical heterogeneity of cardiac troponins: clinical and laboratory implications. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1183-94	5.9	31
239	Prostate-specific antigen-based screening for prostate cancer in the third millennium: useful or hype?. <i>Annals of Medicine</i> , 2009 , 41, 480-9	1.5	21

238	Circadian variation within hemostasis: an underrecognized link between biology and disease?. <i>Seminars in Thrombosis and Hemostasis</i> , 2009 , 35, 23-33	5.3	40
237	Evaluation of analytical performance of the Pathfast cardiac troponin I. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 829-33	5.9	8
236	Change through continuity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47,	5.9	1
235	Evaluation of effectiveness of a computerized notification system for reporting critical values. <i>American Journal of Clinical Pathology</i> , 2009 , 131, 432-41	1.9	72
234	HER2: Closing the gap between laboratory testing and clinical practice. <i>American Journal of Clinical Pathology</i> , 2009 , 131, 897-8; author reply 898-900	1.9	1
233	Informatics aids to reduce failure rates in notification of abnormal outpatient test results. <i>Archives of Internal Medicine</i> , 2009 , 169, 1815; author reply 1816-7		3
232	Recent advances in diagnostic technologies for autoimmune diseases. <i>Autoimmunity Reviews</i> , 2009 , 8, 238-43	13.6	27
231	What is behind the presence of anti-neutrophil cytoplasmatic antibodies in chronic liver disease?. <i>Liver International</i> , 2009 , 29, 865-70	7.9	10
230	Causes, consequences, detection, and prevention of identification errors in laboratory diagnostics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 143-53	5.9	84
229	GastroPanel: evaluation of the usefulness in the diagnosis of gastro-duodenal mucosal alterations in children. <i>Clinica Chimica Acta</i> , 2009 , 402, 54-60	6.2	27
228	Interpretative commenting: a tool for improving the laboratory-clinical interface. <i>Clinica Chimica Acta</i> , 2009 , 404, 46-51	6.2	51
227	Post-analytical errors with portable glucose meters in the hospital setting. <i>Clinica Chimica Acta</i> , 2009 , 404, 65-7	6.2	24
226	Does POCT reduce the risk of error in laboratory testing?. <i>Clinica Chimica Acta</i> , 2009 , 404, 59-64	6.2	77
225	Exploring the iceberg of errors in laboratory medicine. <i>Clinica Chimica Acta</i> , 2009 , 404, 16-23	6.2	161
224	The IFCC Working Group on laboratory errors and patient safety. <i>Clinica Chimica Acta</i> , 2009 , 404, 79-85	6.2	97
223	Interpretative reports and critical values. <i>Clinica Chimica Acta</i> , 2009 , 404, 52-8	6.2	38
222	Development and implementation of an automatic system for verification, validation and delivery of laboratory test results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 1355-60	5.9	26
221	The importance of incident reporting in laboratory diagnostics. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 811-3; author reply 813-4	2	9

220	Platelet response to <i>Helicobacter pylori</i> eradication therapy in adult chronic idiopathic thrombocytopenic purpura seems to be related to the presence of anticytotoxin-associated gene A antibodies. <i>Blood Coagulation and Fibrinolysis</i> , 2009 , 20, 108-13	1	16
219	Tumor marker utility and prognostic relevance of cathepsin B, cathepsin L, urokinase-type plasminogen activator, plasminogen activator inhibitor type-1, CEA and CA 19-9 in colorectal cancer. <i>BMC Cancer</i> , 2008 , 8, 194	4.8	66
218	IL-4 -588C>T polymorphism and IL-4 receptor alpha [Ex5+14A>G; Ex11+828A>G] haplotype concur in selecting <i>H. pylori</i> cagA subtype infections. <i>Clinica Chimica Acta</i> , 2008 , 389, 139-45	6.2	14
217	The changing scenario in laboratory medicine and the role of laboratory professionals in translational medicine. <i>Clinica Chimica Acta</i> , 2008 , 393, 23-6	6.2	13
216	The holistic approach to teach laboratory medicine. <i>Clinica Chimica Acta</i> , 2008 , 393, 51-3	6.2	3
215	DNA repair polymorphisms and the risk of stomach adenocarcinoma and severe chronic gastritis in the EPIC-EURGAST study. <i>International Journal of Epidemiology</i> , 2008 , 37, 1316-25	7.8	62
214	Hypoxia inducible factor-1alpha inactivation unveils a link between tumor cell metabolism and hypoxia-induced cell death. <i>American Journal of Pathology</i> , 2008 , 173, 1186-201	5.8	35
213	Clinical relevance of <i>Helicobacter pylori</i> cagA and vacA gene polymorphisms. <i>Gastroenterology</i> , 2008 , 135, 91-9	13.3	293
212	Quality improvement in laboratory medicine: extra-analytical issues. <i>Clinics in Laboratory Medicine</i> , 2008 , 28, 285-94, vii	2.1	36
211	Haemolysis: an overview of the leading cause of unsuitable specimens in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 764-72	5.9	261
210	Pharmacy-based laboratory services: past or future and risk or opportunity?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 435-6	5.9	4
209	Development of a clinical research agenda for acute kidney injury using an international, interdisciplinary, three-step modified Delphi process. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 887-94	6.9	56
208	Preanalytical and postanalytical variables: the leading causes of diagnostic error in hemostasis?. <i>Seminars in Thrombosis and Hemostasis</i> , 2008 , 34, 612-34	5.3	137
207	Quality control in coagulation testing. <i>Seminars in Thrombosis and Hemostasis</i> , 2008 , 34, 642-6	5.3	14
206	Automated blood cell counts: state of the art. <i>American Journal of Clinical Pathology</i> , 2008 , 130, 104-16	1.9	241
205	Laboratory Errors and Patient Safety. <i>Point of Care</i> , 2008 , 7, 122	0.4	
204	Serum cathepsin B and plasma urokinase-type plasminogen activator levels in gastrointestinal tract cancers. <i>European Journal of Cancer Prevention</i> , 2008 , 17, 438-45	2	24
203	Cytokine network in rectal mucosa in perianal Crohn's disease: relations with inflammatory parameters and need for surgery. <i>Inflammatory Bowel Diseases</i> , 2008 , 14, 1406-12	4.5	21

202	Errors in a stat laboratory: types and frequencies 10 years later. <i>Clinical Chemistry</i> , 2007 , 53, 1338-42	5.5	409
201	Process and risk analysis to reduce errors in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 742-8	5.9	17
200	The role of ethylenediamine tetraacetic acid (EDTA) as in vitro anticoagulant for diagnostic purposes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 565-76	5.9	122
199	CagA+ Helicobacter pylori infection and gastric cancer risk in the EPIC-EURGAST study. <i>International Journal of Cancer</i> , 2007 , 120, 859-67	7.5	101
198	A new turbidimetric standard to improve the quality assurance of the erythrocyte sedimentation rate measurement. <i>Clinical Biochemistry</i> , 2007 , 40, 491-5	3.5	13
197	Fecal lactoferrin and calprotectin after ileocolonic resection for Crohn's disease. <i>Diseases of the Colon and Rectum</i> , 2007 , 50, 861-9	3.1	81
196	Clarithromycin resistance, tumor necrosis factor alpha gene polymorphism and mucosal inflammation affect H. pylori eradication success. <i>Journal of Gastrointestinal Surgery</i> , 2007 , 11, 1506-14; discussion 1514	3.3	11
195	Analytical and clinical performance of a fully automated cardiac multi-markers strategy based on protein biochip microarray technology. <i>Clinical Biochemistry</i> , 2007 , 40, 1245-51	3.5	33
194	The paradox in translational medicine. <i>Clinical Chemistry</i> , 2007 , 53, 1553	5.5	23
193	Laboratory medicine: value for patients is the goal. <i>Clinical Chemistry</i> , 2007 , 53, 1873-4	5.5	25
192	Septic acute kidney injury in critically ill patients: clinical characteristics and outcomes. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007 , 2, 431-9	6.9	518
191	Risk management in laboratory medicine: quality assurance programs and professional competence. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 756-65	5.9	27
190	Cytokines in human colostrum and neonatal jaundice. <i>Pediatric Research</i> , 2007 , 62, 191-4	3.2	26
189	In vivo and in vitro allergy diagnostics: it's time to re-appraise the costs. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 391-5	5.9	7
188	Accreditation of medical laboratories in the European Union. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 268-75	5.9	25
187	Quality specifications: self pleasure for clinical laboratories or added value for patient management?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 462-6	5.9	13
186	One hundred years of laboratory testing and patient safety. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 797-8	5.9	13
185	Recommendations for detection and management of unsuitable samples in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 728-36	5.9	76

184	What's next in translational medicine?. <i>Clinical Science</i> , 2007 , 112, 217-27	6.5	92
183	Influence of the centrifuge time of primary plasma tubes on routine coagulation testing. <i>Blood Coagulation and Fibrinolysis</i> , 2007 , 18, 525-8	1	19
182	Suicide gene therapy with the yeast fusion gene cytosine deaminase/uracil phosphoribosyltransferase is not enough for pancreatic cancer. <i>Pancreas</i> , 2007 , 35, 224-31	2.6	9
181	Non-invasive assessment of chronic liver and gastric diseases. <i>Clinica Chimica Acta</i> , 2007 , 381, 39-49	6.2	18
180	DNA repair pathways and mitochondrial DNA mutations in gastrointestinal carcinogenesis. <i>Clinica Chimica Acta</i> , 2007 , 381, 50-5	6.2	39
179	Enzymes in feces: useful markers of chronic inflammatory bowel disease. <i>Clinica Chimica Acta</i> , 2007 , 381, 63-8	6.2	88
178	New biochemical markers: from bench to bedside. <i>Clinica Chimica Acta</i> , 2007 , 381, 14-20	6.2	15
177	Errors in laboratory medicine and patient safety: the road ahead. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 700-7	5.9	81
176	National survey on critical values reporting in a cohort of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 1411-3	5.9	32
175	Roche Elecsys Prolactin II assay: reactivity with macroprolactin compared with eight commercial assays for prolactin and determination of monomeric prolactin by precipitation with polyethylene glycol. <i>Clinical Laboratory</i> , 2007 , 53, 485-92	2	8
174	Fruit and vegetable intake and the risk of stomach and oesophagus adenocarcinoma in the European Prospective Investigation into Cancer and Nutrition (EPIC-EURGAST). <i>International Journal of Cancer</i> , 2006 , 118, 2559-66	7.5	258
173	Translational Research Involving New Biomarkers of Disease. <i>American Journal of Clinical Pathology</i> , 2006 , 126, 169-171	1.9	13
172	Mitochondrial DNA D-loop in pancreatic cancer: somatic mutations are epiphenomena while the germline 16519 T variant worsens metabolism and outcome. <i>American Journal of Clinical Pathology</i> , 2006 , 126, 593-601	1.9	64
171	National survey on the pre-analytical variability in a representative cohort of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1491-4	5.9	14
170	External Quality Assessment: an effective tool for Clinical Governance in laboratory medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 740-9	5.9	28
169	Laboratory network of excellence: enhancing patient safety and service effectiveness / Labor-Netzwerk of Excellence: bessere Sicherheit für Patienten und effektivere Labordienstleistungen. <i>Das Medizinische Laboratorium</i> , 2006 , 30, 118-128		
168	Preanalytical variability: the dark side of the moon in laboratory testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 358-65	5.9	254
167	Laboratory network of excellence: enhancing patient safety and service effectiveness. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 150-60	5.9	57

166	Analytical and clinical evaluation of a new heart-type fatty acid-binding protein automated assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1383-5	5.9	11
165	Research translation: a new frontier for clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1303-12	5.9	25
164	Preanalytical variability: the dark side of the moon in laboratory testing / Präanalytische Variabilität: die Schattenseite klinischer Laboruntersuchungen. <i>Das Medizinische Laboratorium</i> , 2006 , 30, 129-136		1
163	Influence of the needle bore size used for collecting venous blood samples on routine clinical chemistry testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 1009-14	5.9	29
162	Meat intake and risk of stomach and esophageal adenocarcinoma within the European Prospective Investigation Into Cancer and Nutrition (EPIC). <i>Journal of the National Cancer Institute</i> , 2006 , 98, 345-54	9.7	247
161	Celiac disease in North Italian patients with autoimmune Addison's disease. <i>European Journal of Endocrinology</i> , 2006 , 154, 275-9	6.5	35
160	Errors in clinical laboratories or errors in laboratory medicine?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 750-9	5.9	333
159	Clinical Governance: from clinical risk management to continuous quality improvement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 694-8	5.9	16
158	Pancreatic cancer-derived S-100A8 N-terminal peptide: a diabetes cause?. <i>Clinica Chimica Acta</i> , 2006 , 372, 120-8	6.2	66
157	Managing transferability of laboratory data. <i>Clinica Chimica Acta</i> , 2006 , 374, 57-62	6.2	25
156	Establishment and characterization of xenografts and cancer cell cultures derived from BRCA1 +/- epithelial ovarian cancers. <i>European Journal of Cancer</i> , 2006 , 42, 1475-83	7.5	24
155	Stepwise combination algorithms of non-invasive markers to diagnose significant fibrosis in chronic hepatitis C. <i>Journal of Hepatology</i> , 2006 , 44, 686-93	13.4	222
154	A new indirect chemiluminescent immunoassay to measure anti-tissue transglutaminase antibodies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006 , 43, 613-8	2.8	15
153	Decreased total lymphocyte counts in pancreatic cancer: an index of adverse outcome. <i>Pancreas</i> , 2006 , 32, 22-8	2.6	166
152	Case series of 406 vernal keratoconjunctivitis patients: a demographic and epidemiological study. <i>Acta Ophthalmologica</i> , 2006 , 84, 406-10		97
151	Quantitative PSA mRNA determination in blood: a biochemical tool for scoring localized prostate cancer. <i>Clinical Biochemistry</i> , 2006 , 39, 333-8	3.5	8
150	Usefulness of serum pepsinogens in Helicobacter pylori chronic gastritis: relationship with inflammation, activity, and density of the bacterium. <i>Digestive Diseases and Sciences</i> , 2006 , 51, 1791-5	4	43
149	Towards quality specifications in extra-analytical phases of laboratory services: What information on quality specifications should be communicated to clinicians, and how?. <i>Accreditation and Quality Assurance</i> , 2006 , 11, 291-296	0.7	1

148	Th1- and Th2-type cytokines in chronic ocular allergy. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2006 , 244, 1240-5	3.8	57
147	Proteomics: the next revolution in laboratory medicine?. <i>Clinica Chimica Acta</i> , 2005 , 357, 113-22	6.2	48
146	Pancreatic cancer-associated diabetes mellitus: an open field for proteomic applications. <i>Clinica Chimica Acta</i> , 2005 , 357, 184-9	6.2	32
145	Expression analysis and prognostic significance of human kallikrein 11 in prostate cancer. <i>Clinica Chimica Acta</i> , 2005 , 357, 190-5	6.2	34
144	Pro- and anti-inflammatory cytokines gene polymorphisms and Helicobacter pylori infection: interactions influence outcome. <i>Cytokine</i> , 2005 , 29, 141-52	4	164
143	Anemia and ischemia: myocardial injury in patients with gastrointestinal bleeding. <i>American Journal of Medicine</i> , 2005 , 118, 548-51	2.4	28
142	Effects of long-term administration of high-dose recombinant human antithrombin in immunosuppressed primate recipients of porcine xenografts. <i>Transplantation</i> , 2005 , 80, 1501-10	1.8	29
141	Effect of maternal smoking on breast milk interleukin-1alpha, beta-endorphin, and leptin concentrations and leptin concentrations. <i>Environmental Health Perspectives</i> , 2005 , 113, 1410-3	8.4	25
140	New biochemical insights into the pathogenesis of osteoarthritis and the role of laboratory investigations in clinical assessment. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2005 , 42, 279-309	9.4	33
139	Impact of the elevation of biochemical markers of myocardial damage on long-term mortality after percutaneous coronary intervention: results of the CK-MB and PCI study. <i>European Heart Journal</i> , 2005 , 26, 1494-8	9.5	152
138	Reply to W.G. Wood. Questionable results--who directs the EQAS organisers? Clin Chem Lab Med 2004;42:1073. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005 , 43, 346-8	5.9	
137	External quality assessment programs: Past, present and future. <i>Journal of Medical Biochemistry</i> , 2005 , 24, 201-206		2
136	Is osteoporosis a peculiar association with primary biliary cirrhosis?. <i>World Journal of Gastroenterology</i> , 2005 , 11, 5347-50	5.6	16
135	Role of blood AFP mRNA and tumor grade in the preoperative prognostic evaluation of patients with hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2005 , 11, 6920-5	5.6	17
134	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
133	Towards quality specifications in extra-analytical phases of laboratory activity. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004 , 42, 576-7	5.9	27
132	Non-invasive diagnosis of Helicobacter pylori infection: simplified 13C-urea breath test, stool antigen testing, or DNA PCR in human feces in a clinical laboratory setting?. <i>Clinical Biochemistry</i> , 2004 , 37, 261-7	3.5	20
131	H. pylori infection: bacterial virulence factors and cytokine gene polymorphisms as determinants of infection outcome. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2004 , 41, 313-37	9.4	19

130	Biochemistry and clinical role of human cystatin C. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2004 , 41, 467-550	9.4	173
129	Acute renal failure - definition, outcome measures, animal models, fluid therapy and information technology needs: the Second International Consensus Conference of the Acute Dialysis Quality Initiative (ADQI) Group. <i>Critical Care</i> , 2004 , 8, R204-12	10.8	4473
128	Increased risk of noncardia gastric cancer associated with proinflammatory cytokine gene polymorphisms. <i>Gastroenterology</i> , 2004 , 126, 382-4	13.3	24
127	Maldi-TOF analysis of portal sera of pancreatic cancer patients: identification of diabetogenic and antidiabetogenic peptides. <i>Clinica Chimica Acta</i> , 2004 , 343, 119-27	6.2	7
126	Requirements for improving quality in the measurement of bone markers. <i>Clinica Chimica Acta</i> , 2004 , 346, 79-86	6.2	20
125	Quality specifications in EQA schemes: from theory to practice. <i>Clinica Chimica Acta</i> , 2004 , 346, 87-97	6.2	25
124	What information on quality specifications should be communicated to clinicians, and how?. <i>Clinica Chimica Acta</i> , 2004 , 346, 25-35	6.2	33
123	Clinical significance of alpha-fetoprotein mRNA in blood of patients with hepatocellular carcinoma. <i>Clinica Chimica Acta</i> , 2004 , 347, 129-38	6.2	29
122	Pre and Post Examination Aspects. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2004 , 15, 136-140	2.4	
121	Accreditation of the Medical Laboratory ISO 15189/ISO 17025 2004 , 1-6		
120	Tear levels and activity of matrix metalloproteinase (MMP)-1 and MMP-9 in vernal keratoconjunctivitis. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 3052-8		104
119	Helicobacter pylori infection in children and adults: a single pathogen but a different pathology. <i>Helicobacter</i> , 2003 , 8, 21-8	4.9	28
118	Methotrexate for immunosuppression in life-supporting pig-to-cynomolgus monkey renal xenotransplantation. <i>Xenotransplantation</i> , 2003 , 10, 587-95	2.8	14
117	Serum human glandular kallikrein (hK2) and insulin-like growth factor 1 (IGF-1) improve the discrimination between prostate cancer and benign prostatic hyperplasia in combination with total and %free PSA. <i>Prostate</i> , 2003 , 54, 220-9	4.2	37
116	Clinical value and measurement of specific IgE. <i>Clinical Biochemistry</i> , 2003 , 36, 453-69	3.5	26
115	Appropriateness in programs for continuous quality improvement in clinical laboratories. <i>Clinica Chimica Acta</i> , 2003 , 333, 131-9	6.2	40
114	Interpretative comments and reference ranges in EQA programs as a tool for improving laboratory appropriateness and effectiveness. <i>Clinica Chimica Acta</i> , 2003 , 333, 209-19	6.2	28
113	Appropriateness of cholesterol and triglycerides reporting checked by External Quality Assessment programs. <i>Clinica Chimica Acta</i> , 2003 , 333, 221-30	6.2	1

112	The Multicentre Atorvastatin Plaque Stabilisation (MAPS) Study. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2003 , 10, 11-18	2.9	
111	Effects of Th2 cytokines on expression of collagen, MMP-1, and TIMP-1 in conjunctival fibroblasts. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 183-9		62
110	Erythrocyte sedimentation rate: innovative techniques for an obsolete test?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2003 , 41, 115-6	5.9	14
109	Cystatin C is a more sensitive marker than creatinine for the estimation of GFR in type 2 diabetic patients. <i>Kidney International</i> , 2002 , 61, 1453-61	9.9	168
108	Predictive value of amniotic fluid cystatin C levels for the early identification of fetuses with obstructive uropathies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2002 , 109, 778-83	3.7	23
107	Histamine-induced cytokine production and ICAM-1 expression in human conjunctival fibroblasts. <i>Current Eye Research</i> , 2002 , 25, 189-96	2.9	29
106	Erythrocyte sedimentation rate: use of fresh blood for quality control. <i>American Journal of Clinical Pathology</i> , 2002 , 117, 621-6	1.9	56
105	Clinical significance of cytokine determination in synovial fluid. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2002 , 39, 63-88	9.4	34
104	Determination of the length of sedimentation reaction (erythrocyte sedimentation rate) in non-anticoagulated blood with the Microtest 1. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002 , 40, 713-7	5.9	10
103	Retrovirus-mediated herpes simplex virus thymidine kinase gene transfer in pancreatic cancer cell lines: an incomplete antitumor effect. <i>Pancreas</i> , 2002 , 25, e21-9	2.6	15
102	Putative pancreatic cancer-associated diabetogenic factor: 2030 MW peptide. <i>Pancreas</i> , 2002 , 24, 8-14	2.6	56
101	Guidelines for acute coronary syndrome without ST elevation. <i>Lancet, The</i> , 2002 , 359, 1350; author reply 1350	4.0	3
100	Charting the course of medical laboratories in a changing environment. <i>Clinica Chimica Acta</i> , 2002 , 319, 87-100	6.2	46
99	Continuing medical education: a challenge to the Italian Scientific Societies of Laboratory Medicine. <i>Clinica Chimica Acta</i> , 2002 , 319, 161-7	6.2	3
98	False-Positive Troponin I Attributed to a Macrocomplex. <i>Clinical Chemistry</i> , 2002 , 48, 677-679	5.5	48
97	Diagnostic Value of Plasma Cystatin C as a Glomerular Filtration Marker in Decompensated Liver Cirrhosis. <i>Clinical Chemistry</i> , 2002 , 48, 850-858	5.5	123
96	Performance of a Revised Cardiac Troponin Method That Minimizes Interferences from Heterophilic Antibodies. <i>Clinical Chemistry</i> , 2002 , 48, 1028-1034	5.5	43
95	Errors in Laboratory Medicine. <i>Clinical Chemistry</i> , 2002 , 48, 691-698	5.5	514

94	Serologic Testing for Celiac Disease. <i>Clinical Chemistry</i> , 2002 , 48, 2082-2083	5.5	21
93	Wrong biochemistry results. Interdepartmental cooperation may help avoid errors in medical laboratories. <i>BMJ, The</i> , 2002 , 324, 423-4	5.9	2
92	Errors in laboratory medicine. <i>Clinical Chemistry</i> , 2002 , 48, 691-8	5.5	141
91	Labor pain effects on colostral milk beta-endorphin concentrations of lactating mothers. <i>Neonatology</i> , 2001 , 79, 87-90	4	13
90	Length of sedimentation reaction in undiluted blood (erythrocyte sedimentation rate): variations with sex and age and reference limits. <i>Clinical Chemistry and Laboratory Medicine</i> , 2001 , 39, 451-4	5.9	36
89	Role of inspectors in external review mechanisms: criteria for selection, training and appraisal. <i>Clinica Chimica Acta</i> , 2001 , 309, 147-54	6.2	22
88	IVD industry role for quality and accreditation in medical laboratories. <i>Clinica Chimica Acta</i> , 2001 , 309, 167-71	6.2	8
87	External Quality Assessment Schemes: need for recognised requirements. <i>Clinica Chimica Acta</i> , 2001 , 309, 183-99	6.2	25
86	Biochemical markers of cardiac damage: from efficiency to effectiveness. <i>Clinica Chimica Acta</i> , 2001 , 311, 3-7	6.2	19
85	Point-of-care testing of cardiac markers: results from an experience in an Emergency Department. <i>Clinica Chimica Acta</i> , 2001 , 311, 67-72	6.2	31
84	Colorectal cancer metastatic phenotype stimulates production by fibroblasts of N-terminal peptide of type III collagen: clinical implications for prognosis. <i>Clinica Chimica Acta</i> , 2001 , 312, 135-42	6.2	5
83	The role of iron status markers in predicting response to intravenous iron in haemodialysis patients on maintenance erythropoietin. <i>Nephrology Dialysis Transplantation</i> , 2001 , 16, 1416-23	4.3	165
82	CEA mRNA identification in peripheral blood is feasible for colorectal, but not for gastric or pancreatic cancer staging. <i>Oncology</i> , 2000 , 59, 323-8	3.6	49
81	Hemolyzed Specimens: A Reason for Rejection or a Clinical Challenge?. <i>Clinical Chemistry</i> , 2000 , 46, 306-307	5.5	144
80	Rapid Measurement of Cardiac Markers on Stratus CS. <i>Clinical Chemistry</i> , 2000 , 46, 991-993	5.5	49
79	Multicenter Evaluation of Five Assays for Myoglobin Determination. <i>Clinical Chemistry</i> , 2000 , 46, 1631-1637	5.5	18
78	Specific cellular features of atheroma associated with development of neointima after carotid endarterectomy: the carotid atherosclerosis and restenosis study. <i>Circulation</i> , 2000 , 102, 771-8	16.7	29
77	Tear and serum soluble leukocyte activation markers in conjunctival allergic diseases. <i>American Journal of Ophthalmology</i> , 2000 , 129, 151-8	4.9	89

76	Biological variability in assessing the clinical value of biochemical markers of bone turnover. <i>Clinica Chimica Acta</i> , 2000 , 299, 77-86	6.2	20
75	Proteases in gastrointestinal neoplastic diseases. <i>Clinica Chimica Acta</i> , 2000 , 291, 171-87	6.2	48
74	Usefulness of EC4 essential criteria for quality systems of medical laboratories as guideline to the ISO 15189 and ISO 17025 documents. European Community Confederation of Clinical Chemistry (EC4) Working Group on Harmonisation of Quality Systems and Accreditation. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 1057-64	5.9	19
73	Evaluation of Glycated Globins by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry. <i>Clinical Chemistry</i> , 1999 , 45, 288-290	5.5	38
72	Cystatin C in healthy women at term pregnancy and in their infant newborns: relationship between maternal and neonatal serum levels and reference values. <i>American Journal of Perinatology</i> , 1999 , 16, 287-95	3.3	76
71	Reference intervals: are interlaboratory differences appropriate?. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 1131-3	5.9	16
70	Assessment of package inserts for diagnostic kits. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 663-5	5.9	3
69	The changing face of clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999 , 37, 711-7	5.9	18
68	Cytokines and the progression of liver damage in experimental bile duct ligation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1999 , 26, 358-63	3	43
67	Effect of cagA status on the sensitivity of enzyme immunoassay in diagnosing <i>Helicobacter pylori</i> -infected children. <i>Helicobacter</i> , 1999 , 4, 226-32	4.9	9
66	Fibrogenesis serum markers in patients with chronic hepatitis C treated with alpha-IFN. <i>Journal of Gastroenterology</i> , 1999 , 34, 345-50	6.9	14
65	The role of cysteine and serine proteases in colorectal carcinoma. <i>Cancer</i> , 1999 , 86, 1135-42	6.4	87
64	Direct evaluation of glycated and glyco-oxidized globins by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999 , 13, 8-14	2.2	29
63	Immunoturbidimetric assay of glycated hemoglobin. <i>Journal of Clinical Laboratory Analysis</i> , 1999 , 13, 5-8	3	27
62	Serum antibodies anti-H. pylori and anti-CagA: a comparison between four different assays. <i>Journal of Clinical Laboratory Analysis</i> , 1999 , 13, 194-8	3	16
61	Diagnosis of <i>Helicobacter pylori</i> infection by HpSA test. <i>Lancet, The</i> , 1999 , 354, 1210	4.0	11
60	The clinical importance of laboratory reasoning. <i>Clinica Chimica Acta</i> , 1999 , 280, 35-45	6.2	36
59	Histamine effects on conjunctival fibroblasts from patients with vernal conjunctivitis. <i>Experimental Eye Research</i> , 1999 , 68, 739-46	3.7	62

58	Strategies for the early diagnosis of acute myocardial infarction using biochemical markers. <i>American Journal of Clinical Pathology</i> , 1999 , 111, 399-405	1.9	31
57	Bone metabolism in orthotopic liver transplantation: a prospective study. <i>Liver Transplantation</i> , 1998 , 4, 311-9		41
56	Diagnostic strategies using myoglobin measurement in myocardial infarction. <i>Clinica Chimica Acta</i> , 1998 , 272, 69-77	6.2	47
55	Portal but not peripheral serum levels of interleukin 6 could interfere with glucose metabolism in patients with pancreatic cancer. <i>Clinica Chimica Acta</i> , 1998 , 277, 181-9	6.2	13
54	Quantitative automated particle-enhanced immunonephelometric assay for the routine measurement of human cystatin C. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998 , 36, 859-65	5.9	55
53	Pathogenesis of idiopathic calcium nephrolithiasis: update 1997. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 1998 , 35, 153-87	9.4	12
52	Is serum cystatin C a sensitive marker of glomerular filtration rate (GFR)? A preliminary study on renal transplant patients. <i>Renal Failure</i> , 1998 , 20, 303-9	2.9	64
51	The TEST 1 automated system: a new method for measuring the erythrocyte sedimentation rate. <i>American Journal of Clinical Pathology</i> , 1998 , 110, 334-40	1.9	51
50	Measurement of specific immunoglobulin E: intermethod comparison and standardization. <i>Clinical Chemistry</i> , 1998 , 44, 1974-1979	5.5	37
49	Carboxypeptidase N and creatine kinase-MB isoforms in acute myocardial infarction. <i>Clinical Chemistry and Laboratory Medicine</i> , 1997 , 35, 291-5	5.9	3
48	An unidentified pancreatic cancer cell product alters some intracellular pathways of glucose metabolism in isolated rat hepatocytes. <i>Pancreas</i> , 1997 , 15, 132-8	2.6	31
47	Touchdown PCR: a rapid method to genotype <i>Helicobacter pylori</i> infection. <i>Clinica Chimica Acta</i> , 1997 , 262, 157-60	6.2	11
46	Mistakes in a stat laboratory: types and frequency. <i>Clinical Chemistry</i> , 1997 , 43, 1348-1351	5.5	381
45	<i>Helicobacter pylori</i> genotypes influence serum pepsinogen C levels. <i>Helicobacter</i> , 1997 , 2, 172-5	4.9	4
44	Urokinase-type plasminogen activator receptor in gastric cancer: tissue expression and prognostic role. <i>Clinical and Experimental Metastasis</i> , 1997 , 15, 418-25	4.7	33
43	N-terminal peptide of type III procollagen: a possible predictor of colorectal carcinoma recurrence. <i>Cancer</i> , 1997 , 79, 1299-303	6.4	3
42	A highly specific method for the characterization of glycation and glyco-oxidation products of globins. <i>Rapid Communications in Mass Spectrometry</i> , 1997 , 11, 613-7	2.2	32
41	Serum Neurotensin in Human Pancreatic Cancer. <i>Tumori</i> , 1996 , 82, 592-595	1.7	6

40	Gastric juice polymerase chain reaction: an alternative to histology in the diagnosis of <i>Helicobacter pylori</i> infection. <i>Helicobacter</i> , 1996 , 1, 159-64	4.9	18
39	Evaluation of antibiotic-induced nephrotoxicity in preterm neonates by determining urinary alpha 1-microglobulin. <i>Pediatric Nephrology</i> , 1996 , 10, 645-7	3.2	18
38	Low molecular mass proteins and urinary enzymes in amniotic fluid of healthy pregnant women at progressive stages of gestation. <i>Clinical Biochemistry</i> , 1996 , 29, 51-6	3.5	15
37	Serum tumor markers in colorectal cancer staging, grading, and follow-up. <i>Journal of Surgical Oncology</i> , 1996 , 62, 239-44	2.8	19
36	Serum pepsinogen C: a useful marker of <i>Helicobacter pylori</i> eradication?. <i>Journal of Clinical Laboratory Analysis</i> , 1996 , 10, 1-5	3	9
35	Serum pepsinogen C: A useful marker of <i>Helicobacter pylori</i> eradication? 1996 , 10, 1		3
34	Cysteine and serine proteases in gastric cancer. <i>Cancer</i> , 1995 , 76, 367-75	6.4	45
33	Urinary gonadotropin peptide: collection of specimens and cutoff levels. <i>Journal of Clinical Laboratory Analysis</i> , 1995 , 9, 230-3	3	1
32	Evaluation of a new automated system for the determination of CK-MB isoforms. <i>Journal of Clinical Laboratory Analysis</i> , 1995 , 9, 359-65	3	12
31	Laboratory medicine in ulcer disease. <i>Clinical Biochemistry</i> , 1994 , 27, 141-50	3.5	
30	Pepsin concentration in gastroduodenal biopsy homogenates in chronic ulcer disease. <i>Digestive Diseases and Sciences</i> , 1994 , 39, 301-8	4	2
29	Tubular proteins and enzyme content in the amniotic fluid. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 1994 , 55, 129-33	2.4	7
28	Aspartic proteinases and gastrin in the diagnosis of gastric cancer and gastric precancerous changes. <i>European Journal of Gastroenterology and Hepatology</i> , 1993 , 5, 707-712	2.2	2
27	Role of serum fasting gastrin in screening for hypergastrinemic syndromes in duodenal ulcer disease. <i>Clinical Biochemistry</i> , 1992 , 25, 121-4	3.5	5
26	Biochemical markers of hepatic fibrosis. <i>Clinical Biochemistry</i> , 1991 , 24, 219-39	3.5	78
25	Comparison of Two Newly Identified Tumor Markers (CAR-3 AND DU-PAN-2) with CA 19-9 in Patients with Pancreatic Cancer. <i>Tumori</i> , 1991 , 77, 56-60	1.7	4
24	Eicosanoid release from human bronchial epithelial cells upon exposure to toluene diisocyanate in vitro. <i>Journal of Cellular Physiology</i> , 1990 , 142, 379-85	7	16
23	Biochemical markers of hepatic fibrosis in primary biliary cirrhosis. <i>Research in Clinic and Laboratory</i> , 1990 , 20, 269-74		13

22	Cryptogenic chronic active liver disease. Evaluation of serum aminoterminal peptide of type III procollagen as a marker of histological activity. <i>Research in Clinic and Laboratory</i> , 1990 , 20, 253-9		6
21	Role of serum pepsinogen in detecting ulcer disease. <i>Clinica Chimica Acta</i> , 1988 , 172, 335-9	6.2	8
20	Bronchoalveolar neutrophilia during late asthmatic reactions induced by toluene diisocyanate. <i>The American Review of Respiratory Disease</i> , 1987 , 136, 36-42		251
19	CA 19-9 and carcinoembryonic antigen in pancreatic cancer diagnosis. <i>Cancer</i> , 1986 , 57, 1576-9	6.4	58
18	Pepsinogen Group I radioimmunoassay and total serum pepsinogen colorimetric determination: a comparative study in normal subjects and in peptic ulcer patients. <i>Clinical Biochemistry</i> , 1983 , 16, 20-2	3.5	7
17	Serum Pepsinogen Assays and Gastric Acid Secretion. <i>Gastroenterology</i> , 1983 , 85, 1453	13.3	1
16	Quality in laboratory diagnostics: from theory to practice. <i>Biochemia Medica</i> , 126-130	2.5	23
15	Overview on patient safety in healthcare and laboratory diagnostics. <i>Biochemia Medica</i> , 131-143	2.5	18
14	The role of the External Quality Assessment. <i>Biochemia Medica</i> , 160-164	2.5	19
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