

Mario Plebani

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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	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
1010	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
1009	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
1008	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
1007	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , 2012 , 33, 2252-7	9.5	531
1006	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
1005	Errors in Laboratory Medicine. <i>Clinical Chemistry</i> , 2002 , 48, 691-698	5.5	514
1004	Laboratory abnormalities in patients with COVID-2019 infection. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1131-1134	5.9	490
1003	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , 2010 , 31, 2197-204	9.5	455
1002	Errors in a stat laboratory: types and frequencies 10 years later. <i>Clinical Chemistry</i> , 2007 , 53, 1338-42	5.5	409
1001	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
1000	Acute kidney injury. <i>Lancet, The</i> , 2019 , 394, 1949-1964	40	388
999	Mistakes in a stat laboratory: types and frequency. <i>Clinical Chemistry</i> , 1997 , 43, 1348-1351	5.5	381
998	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
997	Errors in clinical laboratories or errors in laboratory medicine?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 750-9	5.9	333
996	D-dimer is Associated with Severity of Coronavirus Disease 2019: A Pooled Analysis. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 876-878	7	328
995	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

994	Clinical relevance of Helicobacter pylori cagA and vacA gene polymorphisms. <i>Gastroenterology</i> , 2008 , 135, 91-9	13.3	293
993	Management of acute kidney injury in patients with COVID-19. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 738-742	35.1	291
992	Kidney involvement in COVID-19 and rationale for extracorporeal therapies. <i>Nature Reviews Nephrology</i> , 2020 , 16, 308-310	14.9	277
991	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
990	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
989	The detection and prevention of errors in laboratory medicine. <i>Annals of Clinical Biochemistry</i> , 2010 , 47, 101-10	2.2	256
988	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
987	Bronchoalveolar neutrophilia during late asthmatic reactions induced by toluene diisocyanate. <i>The American Review of Respiratory Disease</i> , 1987 , 136, 36-42		251
986	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
985	Automated blood cell counts: state of the art. <i>American Journal of Clinical Pathology</i> , 2008 , 130, 104-16	1.9	241
984	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
983	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
982	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
981	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
980	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
979	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
978	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
977	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

976	Biochemistry and clinical role of human cystatin C. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2004 , 41, 467-550	9.4	173
975	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
974	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
973	Preanalytical quality improvement: from dream to reality. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1113-26	5.9	167
972	Decreased total lymphocyte counts in pancreatic cancer: an index of adverse outcome. <i>Pancreas</i> , 2006 , 32, 22-8	2.6	166
971	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
970	Pro- and anti-inflammatory cytokines gene polymorphisms and Helicobacter pylori infection: interactions influence outcome. <i>Cytokine</i> , 2005 , 29, 141-52	4	164
969	Health risks and potential remedies during prolonged lockdowns for coronavirus disease 2019 (COVID-19). <i>Diagnosis</i> , 2020 , 7, 85-90	4.2	164
968	Exploring the iceberg of errors in laboratory medicine. <i>Clinica Chimica Acta</i> , 2009 , 404, 16-23	6.2	161
967	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
966	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
965	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
964	Pharmacological Agents Targeting Thromboinflammation in COVID-19: Review and Implications for Future Research. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1004-1024	7	147
963	Hemolyzed Specimens: A Reason for Rejection or a Clinical Challenge?. <i>Clinical Chemistry</i> , 2000 , 46, 306-307	3.7	144
962	Errors in laboratory medicine. <i>Clinical Chemistry</i> , 2002 , 48, 691-8	5.5	141
961	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
960	Laboratory abnormalities in children with novel coronavirus disease 2019. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1135-1138	5.9	129
959	Preanalytical quality improvement: in quality we trust. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 229-41	5.9	124

958	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
957	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
956	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
955	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
954	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
953	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
952	Harmonization in laboratory medicine: the complete picture. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 741-51	5.9	110
951	Inflammation and Pancreatic Cancer: Focus on Metabolism, Cytokines, and Immunity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	104
950	How is cardiac troponin released from injured myocardium?. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2018 , 7, 553-560	4.3	104
949	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
948	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
947	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
946	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
945	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
944	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
943	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
942	The IFCC Working Group on laboratory errors and patient safety. <i>Clinica Chimica Acta</i> , 2009 , 404, 79-85	6.2	97
941	Case series of 406 vernal keratoconjunctivitis patients: a demographic and epidemiological study. <i>Acta Ophthalmologica</i> , 2006 , 84, 406-10		97

940	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
939	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
938	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
937	What's next in translational medicine?. <i>Clinical Science</i> , 2007 , 112, 217-27	6.5	92
936	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
935	Joint EFLM-COLABIOCLI Recommendation for venous blood sampling. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 2015-2038	5.9	90
934	Extremely potent human monoclonal antibodies from COVID-19 convalescent patients. <i>Cell</i> , 2021 , 184, 1821-1835.e16	56.2	90
933	Tear and serum soluble leukocyte activation markers in conjunctival allergic diseases. <i>American Journal of Ophthalmology</i> , 2000 , 129, 151-8	4.9	89
932	Coronavirus disease 2019 (COVID-19): the portrait of a perfect storm. <i>Annals of Translational Medicine</i> , 2020 , 8, 497	3.2	89
931	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
930	Harmonization of quality indicators in laboratory medicine. A preliminary consensus. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014 , 52, 951-8	5.9	88
929	Enzymes in feces: useful markers of chronic inflammatory bowel disease. <i>Clinica Chimica Acta</i> , 2007 , 381, 63-8	6.2	88
928	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
927	The role of cysteine and serine proteases in colorectal carcinoma. <i>Cancer</i> , 1999 , 86, 1135-42	6.4	87
926	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
925	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
924	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
923	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

922	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
921	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
920	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
919	Fibrinogen replacement therapy: a critical review of the literature. <i>Blood Transfusion</i> , 2012 , 10, 23-7	3.6	82
918	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
917	Errors in laboratory medicine and patient safety: the road ahead. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 700-7	5.9	81
916	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
915	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
914	Pre-analytical Variables in Coagulation Testing Associated With Diagnostic Errors in Hemostasis. <i>Laboratory Medicine</i> , 2012 , 43, 1.2-10	1.6	79
913	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
912	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
911	Biochemical markers of hepatic fibrosis. <i>Clinical Biochemistry</i> , 1991 , 24, 219-39	3.5	78
910	Does POCT reduce the risk of error in laboratory testing?. <i>Clinica Chimica Acta</i> , 2009 , 404, 59-64	6.2	77
909	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
908	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
907	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
906	Acute kidney injury. <i>Nature Reviews Disease Primers</i> , 2021 , 7, 52	51.1	75
905	Clinical utility of reticulocyte parameters. <i>Clinics in Laboratory Medicine</i> , 2015 , 35, 133-63	2.1	72

904	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
903	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
902	Practical recommendations for managing hemolyzed samples in clinical chemistry testing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, 718-727	5.9	68
901	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
900	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
899	Pancreatic cancer-derived S-100A8 N-terminal peptide: a diabetes cause?. <i>Clinica Chimica Acta</i> , 2006 , 372, 120-8	6.2	66
898	Extracorporeal Blood Purification Therapies for Sepsis. <i>Blood Purification</i> , 2019 , 47 Suppl 3, 1-14	3.1	65
897	Performance criteria and quality indicators for the pre-analytical phase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 943-8	5.9	65
896	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
895	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
894	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
893	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
892	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
891	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
890	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
889	Histamine effects on conjunctival fibroblasts from patients with vernal conjunctivitis. <i>Experimental Eye Research</i> , 1999 , 68, 739-46	3.7	62
888	D-dimer: Preanalytical, analytical, postanalytical variables, and clinical applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018 , 55, 548-577	9.4	61
887	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

886	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
885	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
884	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
883	Coronavirus epidemic: preparing for extracorporeal organ support in intensive care. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 240-241	35.1	58
882	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
881	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> , 2019 , 57, 1585-93	5.9	58
880	CA 19-9 and carcinoembryonic antigen in pancreatic cancer diagnosis. <i>Cancer</i> , 1986 , 57, 1576-9	6.4	58
879	Vitamin K plasma levels determination in human health. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 789-799	5.9	57
878	Laboratory network of excellence: enhancing patient safety and service effectiveness. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006 , 44, 150-60	5.9	57
877	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
876	VEGF-targeted therapy stably modulates the glycolytic phenotype of tumor cells. <i>Cancer Research</i> , 2015 , 75, 120-33	10.1	56
875	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
874	Harmonization of pre-analytical quality indicators. <i>Biochimica Medica</i> , 2014 , 24, 105-13	2.5	56
873	Diagnosis of iron deficiency in patients undergoing hemodialysis. <i>American Journal of Clinical Pathology</i> , 2010 , 133, 949-54	1.9	56
872	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
871	Erythrocyte sedimentation rate: use of fresh blood for quality control. <i>American Journal of Clinical Pathology</i> , 2002 , 117, 621-6	1.9	56
870	Putative pancreatic cancer-associated diabetogenic factor: 2030 MW peptide. <i>Pancreas</i> , 2002 , 24, 8-14	2.6	56
869	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

868	Quantitative automated particle-enhanced immunonephelometric assay for the routinary measurement of human cystatin C. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998 , 36, 859-65	5.9	55
867	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, 1599-608	5.9	55
866	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
865	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
864	Prognostic value of isolated troponin I elevation after percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 431-5	6	53
863	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
862	VKORC1, CYP2C9 and CYP4F2 genetic-based algorithm for warfarin dosing: an Italian retrospective study. <i>Pharmacogenomics</i> , 2011 , 12, 15-25	2.6	52
861	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
860	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
859	Interpretative commenting: a tool for improving the laboratory-clinical interface. <i>Clinica Chimica Acta</i> , 2009 , 404, 46-51	6.2	51
858	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
857	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
856	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
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