

# Pieter Vermeersch

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150  
papers

4,107  
citations

33  
h-index

59  
g-index

175  
ext. papers

5,057  
ext. citations

5.9  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
150	Increased cardiac expression of tissue inhibitor of metalloproteinase-1 and tissue inhibitor of metalloproteinase-2 is related to cardiac fibrosis and dysfunction in the chronic pressure-overloaded human heart. <i>Circulation</i> , <b>2005</b> , 112, 1136-44	16.7	223
149	Hospital-Wide SARS-CoV-2 Antibody Screening in 3056 Staff in a Tertiary Center in Belgium. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 195-197	27.4	219
148	Comparison of membrane affinity-based method with size-exclusion chromatography for isolation of exosome-like vesicles from human plasma. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 1	8.5	208
147	Cardiomyocyte-specific overexpression of nitric oxide synthase 3 improves left ventricular performance and reduces compensatory hypertrophy after myocardial infarction. <i>Circulation Research</i> , <b>2004</b> , 94, 1256-62	15.7	192
146	Diagnostic performance of seven rapid IgG/IgM antibody tests and the Euroimmun IgA/IgG ELISA in COVID-19 patients. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 1082-1087	9.5	163
145	Symptomatic Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Reinfection by a Phylogenetically Distinct Strain. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, 354-356	11.6	151
144	Ventricular phosphodiesterase-5 expression is increased in patients with advanced heart failure and contributes to adverse ventricular remodeling after myocardial infarction in mice. <i>Circulation</i> , <b>2009</b> , 119, 408-16	16.7	146
143	Detection of antineutrophil cytoplasmic antibodies (ANCA): a multicentre European Vasculitis Study Group (EUVAS) evaluation of the value of indirect immunofluorescence (IIF) versus antigen-specific immunoassays. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 647-653	2.4	105
142	Cytochrome P450 epoxygenase gene function in hypoxic pulmonary vasoconstriction and pulmonary vascular remodeling. <i>Hypertension</i> , <b>2006</b> , 47, 762-70	8.5	100
141	Nitric oxide inhalation improves microvascular flow and decreases infarction size after myocardial ischemia and reperfusion. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 808-17	15.1	97
140	Gender-specific hypertension and responsiveness to nitric oxide in sGC $\alpha$ 1 knockout mice. <i>Cardiovascular Research</i> , <b>2008</b> , 79, 179-86	9.9	92
139	Joint EFLM-COLABIOCLI Recommendation for venous blood sampling. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 2015-2038	5.9	90
138	Detection of antinuclear antibodies by indirect immunofluorescence and by solid phase assay. <i>Autoimmunity Reviews</i> , <b>2011</b> , 10, 801-8	13.6	89
137	Antibody response against SARS-CoV-2 spike protein and nucleoprotein evaluated by four automated immunoassays and three ELISAs. <i>Clinical Microbiology and Infection</i> , <b>2020</b> , 26, 1557.e1-1557.e7 <sup>5</sup>	9.5	80
136	Antinuclear antibody detection by automated multiplex immunoassay in untreated patients at the time of diagnosis. <i>Autoimmunity Reviews</i> , <b>2012</b> , 12, 137-43	13.6	72
135	IgG antibodies against deamidated gliadin peptides for diagnosis of celiac disease in patients with IgA deficiency. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 464-8	5.5	68
134	Sustained endothelial progenitor cell dysfunction after chronic hypoxia-induced pulmonary hypertension. <i>Stem Cells</i> , <b>2008</b> , 26, 1017-26	5.8	65

133	A critical appraisal of current practice in the detection, analysis, and reporting of cryoglobulins. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 39-43	5.5	63
132	Soluble guanylate cyclase-alpha1 deficiency selectively inhibits the pulmonary vasodilator response to nitric oxide and increases the pulmonary vascular remodeling response to chronic hypoxia. <i>Circulation</i> , <b>2007</b> , 116, 936-43	16.7	61
131	Right ventricular fatigue developing during endurance exercise: an exercise cardiac magnetic resonance study. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1717-26	1.2	57
130	Novel LC-MS/MS method for plasma vancomycin: comparison with immunoassays and clinical impact. <i>Clinica Chimica Acta</i> , <b>2015</b> , 441, 63-70	6.2	50
129	Increased Cardiac Uptake of Ketone Bodies and Free Fatty Acids in Human Heart Failure and Hypertrophic Left Ventricular Remodeling. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004953	7.6	49
128	Diagnostic performance of IgG anti-deamidated gliadin peptide antibody assays is comparable to IgA anti-tTG in celiac disease. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 931-5	6.2	47
127	Sensitive routine liquid chromatography-tandem mass spectrometry method for serum estradiol and estrone without derivatization. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 8569-77	4.4	45
126	Prevalence and clinical significance of rare antinuclear antibody patterns. <i>Autoimmunity Reviews</i> , <b>2013</b> , 12, 998-1003	13.6	45
125	Dual loss of succinate dehydrogenase (SDH) and complex I activity is necessary to recapitulate the metabolic phenotype of SDH mutant tumors. <i>Metabolic Engineering</i> , <b>2017</b> , 43, 187-197	9.7	43
124	Evaluation of automated multi-parametric indirect immunofluorescence assays to detect anti-neutrophil cytoplasmic antibodies (ANCA) in granulomatosis with polyangiitis (GPA) and microscopic polyangiitis (MPA). <i>Autoimmunity Reviews</i> , <b>2016</b> , 15, 736-41	13.6	39
123	The Metabolic Map into the Pathomechanism and Treatment of PGM1-CDG. <i>American Journal of Human Genetics</i> , <b>2019</b> , 104, 835-846	11	38
122	Renal function in children and adolescents with Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , <b>2015</b> , 25, 381-7	2.9	38
121	Ethylene glycol poisoning presenting with a falsely elevated lactate level. <i>Clinical Toxicology</i> , <b>2009</b> , 47, 236-8	2.9	38
120	X-linked sideroblastic anemia and ataxia: a new family with identification of a fourth ABCB7 gene mutation. <i>European Journal of Paediatric Neurology</i> , <b>2012</b> , 16, 730-5	3.8	37
119	Preanalytical challenges - time for solutions. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 974-981	5.9	34
118	Fast and simple LC-MS/MS method for quantifying plasma voriconazole. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 740-3	6.2	34
117	Role of Glucagon in Catabolism and Muscle Wasting of Critical Illness and Modulation by Nutrition. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1131-1143	10.2	33
116	Isolated sulfite oxidase deficiency. <i>Journal of Inherited Metabolic Disease</i> , <b>2018</b> , 41, 101-108	5.4	33

115	The ribosomal RPL10 R98S mutation drives IRES-dependent BCL-2 translation in T-ALL. <i>Leukemia</i> , <b>2019</b> , 33, 319-332	10.7	33
114	Longitudinal follow-up of IgG anti-nucleocapsid antibodies in SARS-CoV-2 infected patients up to eight months after infection. <i>Journal of Clinical Virology</i> , <b>2021</b> , 136, 104765	14.5	33
113	Pharmacogenomics education in medical and pharmacy schools: conclusions of a global survey. <i>Pharmacogenomics</i> , <b>2019</b> , 20, 643-657	2.6	31
112	A multicentre study to improve clinical interpretation of proteinase-3 and myeloperoxidase anti-neutrophil cytoplasmic antibodies. <i>Rheumatology</i> , <b>2017</b> , 56, 1533-1541	3.9	31
111	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> , <b>2017</b> , 55, 489-500	5.9	29
110	Defining thresholds of antibody levels improves diagnosis of celiac disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2013</b> , 11, 398-403; quiz e32	6.9	28
109	Pharmacokinetics of Posaconazole Oral Suspension in Children Dosed According to Body Surface Area. <i>Pediatric Infectious Disease Journal</i> , <b>2016</b> , 35, 183-8	3.4	28
108	Adrenocortical function during prolonged critical illness and beyond: a prospective observational study. <i>Intensive Care Medicine</i> , <b>2018</b> , 44, 1720-1729	14.5	28
107	A prospective randomized open-label crossover trial of regional citrate anticoagulation vs. anticoagulation free liver dialysis by the Molecular Adsorbents Recirculating System. <i>Critical Care</i> , <b>2012</b> , 16, R20	10.8	27
106	Cardioselective nitric oxide synthase 3 gene transfer protects against myocardial reperfusion injury. <i>Basic Research in Cardiology</i> , <b>2010</b> , 105, 169-79	11.8	27
105	Validation of a strategy for HCV antibody testing with two enzyme immunoassays in a routine clinical laboratory. <i>Journal of Clinical Virology</i> , <b>2008</b> , 42, 394-8	14.5	27
104	Nitric oxide for inhalation in ST-elevation myocardial infarction (NOMI): a multicentre, double-blind, randomized controlled trial. <i>European Heart Journal</i> , <b>2018</b> , 39, 2717-2725	9.5	27
103	Factors impacting unbound vancomycin concentrations in different patient populations. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 7073-9	5.9	26
102	Convalescent plasma treatment of persistent severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) infection in patients with lymphoma with impaired humoral immunity and lack of neutralising antibodies. <i>British Journal of Haematology</i> , <b>2021</b> , 192, 1100-1105	4.5	26
101	Determination of anti-neutrophil cytoplasmic antibodies in small vessel vasculitis: Comparative analysis of different strategies. <i>Clinica Chimica Acta</i> , <b>2008</b> , 397, 77-81	6.2	24
100	Translatome analysis reveals altered serine and glycine metabolism in T-cell acute lymphoblastic leukemia cells. <i>Nature Communications</i> , <b>2019</b> , 10, 2542	17.4	23
99	Serological diagnosis of celiac disease: comparative analysis of different strategies. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1761-7	6.2	23
98	More studies are needed to assess the performance of serum free light chain measurement for the diagnosis of B-cell disorders in routine clinical practice. <i>British Journal of Haematology</i> , <b>2008</b> , 143, 143-5; author reply 145-6	4.5	23

97	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-PRE). <i>Biochemia Medica</i> , <b>2019</b> , 29, 020705	2.5	22
96	Use of likelihood ratios can improve the clinical usefulness of enzyme immunoassays for the diagnosis of small-vessel vasculitis. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1886-8	5.5	21
95	Personalized laboratory medicine: a patient-centered future approach. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 1981-1991	5.9	20
94	Evaluation of the first commercial hepcidin ELISA for the differential diagnosis of anemia of chronic disease and iron deficiency anemia in hospitalized geriatric patients. <i>ISRN Hematology</i> , <b>2012</b> , 2012, 567491		20
93	Comparative analysis of different approaches to report diagnostic accuracy. <i>Archives of Internal Medicine</i> , <b>2010</b> , 170, 734-5		19
92	Combining antibody tests and taking into account antibody levels improves serologic diagnosis of celiac disease. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 1537-46	5.9	18
91	Estimated half-life of SARS-CoV-2 anti-spike antibodies more than double the half-life of anti-nucleocapsid antibodies in healthcare workers. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	18
90	Use of likelihood ratios improves clinical interpretation of IgA anti-tTG antibody testing for celiac disease. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 13-7	6.2	16
89	Posaconazole plasma exposure correlated to intestinal mucositis in allogeneic stem cell transplant patients. <i>European Journal of Clinical Pharmacology</i> , <b>2016</b> , 72, 953-63	2.8	16
88	Heterogeneous nuclear RNPs as targets of autoantibodies in systemic rheumatic diseases. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 213-21		15
87	1 $\beta$ ,25-Dihydroxyvitamin D: A new vitamin D metabolite in human serum. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 173, 341-348	5.1	14
86	Enzymatic isotope dilution mass spectrometry (IDMS) traceable serum creatinine is preferable over Jaffe in neonates and young infants. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, e107-9	5.9	14
85	Use of interval-specific likelihood ratios improves clinical interpretation of serum FLC results for the diagnosis of malignant plasma cell disorders. <i>Clinica Chimica Acta</i> , <b>2009</b> , 410, 54-8	6.2	14
84	ADAMTS5 deficiency protects against non-alcoholic steatohepatitis in obesity. <i>Liver International</i> , <b>2016</b> , 36, 1848-1859	7.9	14
83	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>Biochemia Medica</i> , <b>2019</b> , 29, 020704	2.5	14
82	Arthralgia induced by endocrine treatment for breast cancer: A prospective study of serum levels of insulin like growth factor-I, its binding protein and oestrogens. <i>European Journal of Cancer</i> , <b>2014</b> , 50, 2925-31	7.5	13
81	Is laboratory medicine ready for the era of personalized medicine? A survey addressed to laboratory directors of hospitals/academic schools of medicine in Europe. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 981-8	5.9	13
80	The C6 Lyme antibody test has low sensitivity for antibody detection in cerebrospinal fluid. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2009</b> , 64, 347-9	2.9	13

79	Pseudoparaproteinemia related to iomeprol administration after angiocardigraphy: Detection in the beta fraction by capillary zone electrophoresis. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 2312-3	5.5	13
78	Evidence for Bone and Mineral Metabolism Alterations in Children With Autosomal Dominant Polycystic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 4210-4217	5.6	12
77	Establishment of reference values for immunoglobulins in the cryoprecipitate. <i>Clinical Immunology</i> , <b>2008</b> , 129, 360-4	9	12
76	Repurposing the Antidepressant Sertraline as SHMT Inhibitor to Suppress Serine/Glycine Synthesis-Addicted Breast Tumor Growth. <i>Molecular Cancer Therapeutics</i> , <b>2021</b> , 20, 50-63	6.1	12
75	Anti-Golgi autoantibodies are not clinically associated with systemic autoimmune diseases. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 234-5	2.4	11
74	The new IVD Regulation 2017/746: a case study at a large university hospital laboratory in Belgium demonstrates the need for clarification on the degrees of freedom laboratories have to use lab-developed tests to improve patient care. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 59, 101-106	5.9	11
73	Comparison of the Quantitative DiaSorin Liaison Antigen Test to Reverse Transcription-PCR for the Diagnosis of COVID-19 in Symptomatic and Asymptomatic Outpatients. <i>Journal of Clinical Microbiology</i> , <b>2021</b> , 59, e0037421	9.7	11
72	Harmonization of antineutrophil cytoplasmic antibodies (ANCA) testing by reporting test result-specific likelihood ratios: position paper. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 59, e35-e39	5.9	10
71	The use of extra-analytical phase quality indicators by clinical laboratories: the results of an international survey. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, e315-e317	5.9	10
70	Betaine homocysteine methyl transferase 1, a novel auto-antigen associated with anti-Golgi immune reactivity. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 105-8	6.2	9
69	Need for estradiol assays with a lower functional sensitivity in clinical studies examining postmenopausal women treated with aromatase inhibitors. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 509	2.2	9
68	Use of likelihood ratios improves clinical interpretation of IgG and IgA anti-DGP antibody testing for celiac disease in adults and children. <i>Clinical Biochemistry</i> , <b>2011</b> , 44, 248-50	3.5	9
67	Determination of IgG and IgA antibodies against native gliadin is not helpful for the diagnosis of coeliac disease in children up to 2 years old. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2012</b> , 55, 21-5	2.8	9
66	Diagnostic performance of serum free light chain measurement in patients suspected of a monoclonal B-cell disorder. <i>British Journal of Haematology</i> , <b>2008</b> , 143, 496-502	4.5	9
65	Comparison of the diagnostic performance with whole blood and plasma of four rapid antibody tests for SARS-CoV-2. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, e197-e199	5.9	9
64	The metabolic fingerprint of COVID-19 severity		9
63	Preanalytical considerations in therapeutic drug monitoring of immunosuppressants with dried blood spots. <i>Diagnosis</i> , <b>2019</b> , 6, 57-68	4.2	8
62	Paired measurement of urinary creatinine in neonates based on a Jaffe and an enzymatic IDMS-traceable assay. <i>BMC Nephrology</i> , <b>2014</b> , 15, 62	2.7	8

61	Ecstasy intoxication as an unusual cause of epileptic seizures in young children. <i>European Journal of Pediatrics</i> , <b>2013</b> , 172, 1547-50	4.1	7
60	An unconscious man with profound drug-induced hypoglycaemia. <i>Biochemia Medica</i> , <b>2020</b> , 30, 010802	2.5	7
59	Itraconazole for COVID-19: preclinical studies and a proof-of-concept randomized clinical trial. <i>EBioMedicine</i> , <b>2021</b> , 66, 103288	8.8	7
58	Optimization of serologic diagnosis of celiac disease in the pediatric setting. <i>Autoimmunity Reviews</i> , <b>2020</b> , 19, 102513	13.6	6
57	Practice-oriented quality specifications for therapeutic drug monitoring. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 559-60	5.5	6
56	Necessity of fractionated urine collection for monitoring patients with cystinuria. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 780-1	5.5	6
55	Dynamics and prognostic value of the hypothalamus-pituitary-adrenal axis responses to pediatric critical illness and association with corticosteroid treatment: a prospective observational study. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 70-81	14.5	6
54	Added value of anti-SARS-CoV-2 antibody testing in a Flemish nursing home during an acute COVID-19 outbreak in April 2020. <i>Acta Clinica Belgica</i> , <b>2020</b> , 1-6	1.8	6
53	Individual values of antineutrophil cytoplasmic antibodies do not correspond between antigen-specific assays. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e39-e42	5.9	6
52	IgM interference in the Abbott iVanco immunoassay: A case report. <i>Clinica Chimica Acta</i> , <b>2015</b> , 447, 32-36.2		5
51	Possibilities and limitations of signal summing for an immunosuppressant LC-MS/MS method. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 6191-9	4.4	5
50	Implementation of a companion diagnostic in the clinical laboratory: the BRAF example in melanoma. <i>Clinica Chimica Acta</i> , <b>2015</b> , 439, 128-36	6.2	5
49	Acute myeloid leukemia with bone marrow necrosis and Charcot Leyden crystals. <i>American Journal of Hematology</i> , <b>2007</b> , 82, 1029	7.1	5
48	High anion gap metabolic acidosis caused by D-lactate: mind the time of blood collection. <i>Biochemia Medica</i> , <b>2020</b> , 30, 011001	2.5	5
47	Evaluation of the interference by homogentisic acid and other organic acids on the enzymatic and Jaffé method creatinine assay. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2012</b> , 50, 749-50	5.9	4
46	Preexisting antiadenoviral immunity and regional myocardial gene transfer: modulation by nitric oxide. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 2185-95	4.8	4
45	Clinicians and laboratory medicine specialists' views on laboratory demand management: a survey in nine European countries. <i>Diagnosis</i> , <b>2021</b> , 8, 111-119	4.2	4
44	Recent progress in the LC-MS/MS analysis of oxidative stress biomarkers. <i>Electrophoresis</i> , <b>2021</b> , 42, 402-428	3.28	4

43	Immunoassays for anti-SARS-CoV-2 antibodies: recent insights. <i>Lancet Infectious Diseases, The</i> , <b>2021</b> , 21, e120	25.5	4
42	A Belgian consensus strategy to identify familial hypercholesterolaemia in the coronary care unit and its subsequent cascade screening and treatment: BEL-FaHST (The BELgium Familial Hypercholesterolaemia STRategy). <i>Atherosclerosis</i> , <b>2018</b> , 277, 369-376	3.1	4
41	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> , <b>2021</b> , 59, 1047-1061	5.9	4
40	The sudden death of the combined first trimester aneuploidy screening, a single centre experience in Belgium. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, e294-e297	5.9	3
39	Is laboratory medicine ready for the era of personalized medicine? A survey addressed to laboratory directors of hospitals/academic schools of medicine in Europe. <i>Drug Metabolism and Personalized Therapy</i> , <b>2015</b> , 30, 121-8	2	3
38	Women in sports: The applicability of reference intervals for 6 commercially available testosterone immunoassays (HemSter Study). <i>Clinical Biochemistry</i> , <b>2020</b> , 84, 55-62	3.5	3
37	Lessons from the Belgian experience with regulatory control during the COVID-19 pandemic for the implementation of the European IVD regulation 2017/746. <i>Acta Clinica Belgica</i> , <b>2020</b> , 1-3	1.8	3
36	Evaluation of the V8 E-Class, a Novel Automated Capillary Isoelectric Focusing Instrument for Hemoglobinopathy Screening. <i>American Journal of Clinical Pathology</i> , <b>2016</b> , 146, 361-8	1.9	3
35	Response factor-based quantification for mycophenolic acid. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 692-4	5.5	3
34	Spurious hypoglycemia caused by precipitation of a monoclonal immunoglobulin using the Modular P system glucose method. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 1332-3	5.9	3
33	Lower persistence of anti-nucleocapsid compared to anti-spike antibodies up to one year after SARS-CoV-2 infection.. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2022</b> , 103, 115659	2.9	3
32	Gender-specific modulation of the response to arterial injury by soluble guanylate cyclase $\beta$ . <i>Open Cardiovascular Medicine Journal</i> , <b>2009</b> , 3, 98-104	0.7	3
31	UPLC-MS/MS method for determination of retinol and Tocopherol in serum using a simple sample pretreatment and UniSpray as ionization technique to reduce matrix effects. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 769-779	5.9	2
30	Interference of ethylene glycol with lactate measurement: a comparison study on new generation cassette-based blood gas analyzers. <i>Clinica Chimica Acta</i> , <b>2012</b> , 414, 18-9	6.2	2
29	A case of pseudoparaproteinemia on capillary zone electrophoresis caused by geloplasma. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 2309-11	5.5	2
28	IgG anti-spike antibody levels in healthcare workers with and without prior COVID-19 up to 3 months after BNT162b2 vaccination.. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2022</b> , 102, 115638	2.9	2
27	How the European in vitro diagnostic regulation could negatively impact the European response to the next pandemic: an urgent call for action before May 2022. <i>Clinical Microbiology and Infection</i> , <b>2021</b> , 27, 1074-1075	9.5	2
26	Practical approach for medical validation of therapeutic drug monitoring results. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, e97-e100	5.9	1



25	Oxygraphy Versus Enzymology for the Biochemical Diagnosis of Primary Mitochondrial Disease. <i>Metabolites</i> , <b>2019</b> , 9,	5.6	1
24	Deproteination of whole blood for LC-MS/MS using paramagnetic micro-particles. <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 112-5	3.5	1
23	Minimal interference from paricalcitol (Zemplar®) in underivatized 1,25-dihydroxyvitamin D LC-MS/MS assays. <i>Clinica Chimica Acta</i> , <b>2014</b> , 429, 104-5	6.2	1
22	Historical response factor-based quantification for LC-MS/MS. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 1674-6	5.5	1
21	Oxygenated machine perfusion at room temperature as an alternative for static cold storage in porcine donor hearts. <i>Artificial Organs</i> , <b>2021</b> ,	2.6	1
20	Współne zalecenia EFLM-COLABIOCLI dotyczące pobierania krwi żylnej <b>2019</b> , 54, 291-312		1
19	A case of severe pseudohyperkalaemia due to muscle contraction. <i>Biochemia Medica</i> , <b>2020</b> , 30, 021004	2.5	1
18	Repurposing the antidepressant sertraline as SHMT inhibitor to suppress serine/glycine synthesis addicted breast tumor growth		1
17	Concomitant use of isavuconazole and CYP3A4/5 inducers: Where pharmacogenetics meets pharmacokinetics. <i>Mycoses</i> , <b>2021</b> , 64, 1111-1116	5.2	1
16	Impact of Cardiac Resynchronization Therapy on Global and Cardiac Metabolism and Cardiac Mitochondrial Function. <i>Journal of Cardiac Failure</i> , <b>2021</b> , 27, 706-715	3.3	1
15	Non-Lethal Intoxication by Ingestion of 50 Castor Beans: Serial Measurement of Ricinine in Blood, Plasma and Urine. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, e8-e12	2.9	1
14	The role of serotonin in the control of esophageal sensitivity assessed by multimodal stimulation in health. <i>Neurogastroenterology and Motility</i> , <b>2021</b> , 33, e14057	4	1
13	Letter to the editor regarding the usefulness of the refrigeration test in addition to triglyceride levels for the detection of chylous ascites and pleural effusions. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 542-543	3.5	0
12	Delayed diagnosis and treatment of extreme hypertriglyceridemia due to rejection of a lipemic sample. <i>Biochemia Medica</i> , <b>2021</b> , 31, 021002	2.5	0
11	Expert consensus statement on acute hepatic porphyria in Belgium. <i>Acta Clinica Belgica</i> , <b>2021</b> , 1-7	1.8	0
10	Mind the potential metabolic consequences of migraine prophylaxis: a case study. <i>Acta Neurologica Belgica</i> , <b>2021</b> , 1	1.5	0
9	Vitamin B deficiency in the setting of nitrous oxide abuse: diagnostic challenges and treatment options in patients presenting with subacute neurological complications. <i>Acta Clinica Belgica</i> , <b>2021</b> , 1-7	1.8	0
8	Two Separate Clusters of SARS-CoV-2 Delta Variant Infections in A Group of 41 Students Travelling from India: An Illustration of the Need for Rigorous Testing and Quarantine. <i>Viruses</i> , <b>2022</b> , 14, 1198	6.2	0

7	Antibodies to hnRNPs in patients with a systemic rheumatic disease with no antibodies to extractable nuclear antigens or dsDNA. <i>Rheumatology</i> , <b>2012</b> , 51, 1515-6	3.9
6	Aspiration Pneumonia After External Dacryocystorhinostomy Under Local Anesthesia Without Sedation: A Case Report. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , <b>2021</b> , 37, S162-S164	1.4
5	An abrupt rise of coagulation error messages on ACL TOP automated analysers. <i>Biochemia Medica</i> , <b>2019</b> , 29, 021002	2.5
4	Measuring Rates of ATP Synthesis. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1862, 97-107	1.4
3	Belgian rare diseases plan in clinical pathology: identification of key biochemical diagnostic tests and establishment of reference laboratories and financing conditions. <i>Orphanet Journal of Rare Diseases</i> , <b>2021</b> , 16, 89	4.2
2	A case of vitamin B12 deficiency neurological syndrome in a young adult due to late-onset cobalamin C (CblC) deficiency: a diagnostic challenge.. <i>Biochemia Medica</i> , <b>2022</b> , 32, 020802	2.5
1	A Patient with neonatal cholestasis. <i>Medycyna Wieku Rozwojowego</i> , <b>2021</b> , 24, 31-33	0.4