Joris Delanghe

List of Publications by Year
in descending order

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340 papers	9,660 citations	29994 54 h-index	58464 82 g-index
351 all docs	351 docs citations	351 times ranked	12300 citing authors

#	Article	IF	Citations
1	Biological and clinical aspects of the vitamin D binding protein (Gc-globulin) and its polymorphism. Clinica Chimica Acta, 2006, 372, 33-42.	0.5	415
2	Noninvasive diagnosis of liver cirrhosis using DNA sequencerâ€“based total serum protein glycomics. Nature Medicine, 2004, 10, 429-434.	15.2	412
3	Hemopexin: a review of biological aspects and the role in laboratory medicine. Clinica Chimica Acta, 2001, 312, 13-23.	0.5	217
4	Diagnosing and monitoring hepatocellular carcinoma with alpha-fetoprotein: New aspects and applications. Clinica Chimica Acta, 2008, 395, 19-26.	0.5	193
5	Preanalytical quality improvement: in quality we trust. Clinical Chemistry and Laboratory Medicine, 2013, 51, 229-241.	1.4	162
6	Serum Vitamin C Concentration Is Low in Peripheral Arterial Disease and Is Associated With Inflammation and Severity of Atherosclerosis. Circulation, 2001, 103, 1863-1868.	1.6	157
7	The hostâ€™s angiotensin-converting enzyme polymorphism may explain epidemiological findings in COVID-19 infections. Clinica Chimica Acta, 2020, 505, 192-193.	0.5	143
8	Behind the scenes of vitamin D binding protein: More than vitamin D binding. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 773-786.	2.2	129
9	Preanalytical requirements of urinalysis. Biochemia Medica, 2014, 24, 89-104.	1.2	120
10	Translational research and biomarkers in neonatal sepsis. Clinica Chimica Acta, 2015, 451, 46-64.	0.5	118
11	Haptoglobin polymorphism, iron metabolism and mortality in HIV infection. Aids, 1998, 12, 1027-1032.	1.0	115
12	The role of automated urine particle flow cytometry in clinical practice. Clinica Chimica Acta, 2000, 301, 1-18.	0.5	115
13	Alpha 1-microglobulin: clinical laboratory aspects and applications. Clinica Chimica Acta, 2004, 346, 107-118.	0.5	111
14	Creatinine determination according to Jaffe–what does it stand for?. CKJ: Clinical Kidney Journal, 2011, 4, 83-86.	1.4	106
15	GlycoFibroTest Is a Highly Performant Liver Fibrosis Biomarker Derived from DNA Sequencer-based Serum Protein Glycomics. Molecular and Cellular Proteomics, 2009, 8, 986-994.	2.5	105
16	Vitamin D Binding Protein. Advances in Clinical Chemistry, 2014, 63, 1-57.	1.8	100
17	Applications of mid-infrared spectroscopy in the clinical laboratory setting. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 1-20.	2.7	96
18	COVID-19 infections are also affected by human ACE1 D/I polymorphism. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1125-1126.	1.4	95

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19	The importance of standardization of creatinine in the implementation of guidelines and recommendations for CKD: implications for CKD management programmes. Nephrology Dialysis Transplantation, 2006, 21, 77-83.	0.4	93
20	Tumor Necrosis Factor Receptors: Biology and Therapeutic Potential in Kidney Diseases. American Journal of Nephrology, 2012, 36, 261-270.	1.4	93
21	Are there better alternatives than haemoglobin A1c to estimate glycaemic control in the chronic kidney disease population?. Nephrology Dialysis Transplantation, 2014, 29, 2167-2177.	0.4	89
22	Isotopic analysis of Cu in blood serum by multi-collector ICP-mass spectrometry: a new approach for the diagnosis and prognosis of liver cirrhosis?. Metallomics, 2015, 7, 491-498.	1.0	88
23	Humoral immune response against contractile proteins (actin and myosin) during cardiovascular disease. European Heart Journal, 1991, 12, 88-94.	1.0	86
24	Elevated calprotectin levels reveal bowel inflammation in spondyloarthritis. Annals of the Rheumatic Diseases, 2016, 75, 1357-1362.	0.5	86
25	Progress in Automated Urinalysis. Annals of Laboratory Medicine, 2019, 39, 15-22.	1.2	86
26	Biological and clinical aspects of soluble transferrin receptor. Critical Reviews in Clinical Laboratory Sciences, 2010, 47, 213-228.	2.7	85
27	The Haptoglobin 2-2 Phenotype Affects Serum Markers of Iron Status in Healthy Males. Clinical Chemistry, 2000, 46, 1619-1625.	1.5	84
28	A critical evaluation of salivary testosterone as a method for the assessment of serum testosterone. Steroids, 2014, 86, 5-9.	0.8	84
29	High-Throughput Profiling of the Serum N-Glycome on Capillary Electrophoresis Microfluidics Systems: Toward Clinical Implementation of GlycoHepatoTest. Analytical Chemistry, 2010, 82, 7408-7415.	3.2	82
30	Urinary kidney injury molecule-1 and neutrophil gelatinase-associated lipocalin as indicators of tubular damage in normoalbuminuric patients with type 2 diabetes. Clinical Biochemistry, 2016, 49, 232-236.	0.8	81
31	Soluble Mesothelin, Megakaryocyte Potentiating Factor, and Osteopontin as Markers of Patient Response and Outcome in Mesothelioma. Journal of Thoracic Oncology, 2011, 6, 1930-1937.	0.5	79
32	Glycosylation of prostate specific antigen and its potential diagnostic applications. Clinica Chimica Acta, 2012, 413, 1500-1505.	0.5	79
33	Vascular adhesion protein-1: Role in human pathology and application as a biomarker. Critical Reviews in Clinical Laboratory Sciences, 2015, 52, 284-300.	2.7	78
34	The role of interleukin-17A in the pathogenesis of kidney diseases. Pathology, 2017, 49, 247-258.	0.3	78
35	Multicenter evaluation of a homogeneous assay for HDL-cholesterol without sample pretreatment. Clinical Chemistry, 1997, 43, 1622-1629.	1.5	76
36	High-precision isotopic analysis of essential mineral elements in biomedicine: natural isotope ratio variations as potential diagnostic and/or prognostic markers. TrAC - Trends in Analytical Chemistry, 2016, 76, 182-193.	5.8	75

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37	Automated Flow Cytometry Compared with an Automated Dipstick Reader for Urinalysis. Clinical Chemistry, 1999, 45, 118-122.	1.5	72
38	Development and Multicenter Evaluation of the N Latex CDT Direct Immunonephelometric Assay for Serum Carbohydrate-Deficient Transferrin. Clinical Chemistry, 2007, 53, 1115-1121.	1.5	72
39	Diagnostic Value of the Hemopexin N-Glycan Profile in Hepatocellular Carcinoma Patients. Clinical Chemistry, 2010, 56, 823-831.	1.5	72
40	Calibration and precision of serum creatinine and plasma cystatin C measurement: impact on the estimation of glomerular filtration rate. Journal of Nephrology, 2014, 27, 467-475.	0.9	71
41	Augmented Renal Clearance Implies a Need for Increased Amoxicillin-Clavulanic Acid Dosing in Critically Ill Children. Antimicrobial Agents and Chemotherapy, 2015, 59, 7027-7035.	1.4	71
42	Haptoglobin Polymorphism and Body Iron Stores. Clinical Chemistry and Laboratory Medicine, 2002, 40, 212-6.	1.4	70
43	Mechanisms and consequences of carbamoylation. Nature Reviews Nephrology, 2017, 13, 580-593.	4.1	68
44	Haptoglobin phenotype 2-2 overrepresentation in Cys282Tyr hemochromatotic patients. Journal of Hepatology, 2001, 35, 707-711.	1.8	66
45	PROTEIN PRECIPITATION AS A POSSIBLE IMPORTANT PITFALL IN THE CLINICAL CHEMISTRY ANALYSIS OF BLOOD SAMPLES CONTAINING MONOCLONAL IMMUNOGLOBULINS: 2 CASE REPORTS AND A REVIEW OF THE LITERATURE. Acta Clinica Belgica, 2004, 59, 263-273.	0.5	65
46	Increased urinary neutrophil gelatinase associated lipocalin in urinary tract infections and leukocyturia. Clinical Chemistry and Laboratory Medicine, 2011, 49, 999-1003.	1.4	65
47	Glycome profiling using modern glycomics technology: technical aspects and applications. Biological Chemistry, 2010, 391, 149-161.	1.2	64
48	Cardiovascular and pharmacological implications of haem-deficient NO-unresponsive soluble guanylate cyclase knock-in mice. Nature Communications, 2015, 6, 8482.	5.8	64
49	Reevaluation of Formulas for Predicting Creatinine Clearance in Adults and Children, Using Compensated Creatinine Methods. Clinical Chemistry, 2003, 49, 1011-1014.	1.5	63
50	Non-oxidative ethanol metabolites as a measure of alcohol intake. Clinica Chimica Acta, 2013, 415, 322-329.	0.5	62
51	DNA methylation-based biomarkers in serum of patients with breast cancer. Mutation Research - Reviews in Mutation Research, 2012, 751, 304-325.	2.4	60
52	Colloidal stability of nano-sized particles in the peritoneal fluid: Towards optimizing drug delivery systems for intraperitoneal therapy. Acta Biomaterialia, 2014, 10, 2965-2975.	4.1	58
53	Fast determination of haptoglobin phenotype and calculation of hemoglobin binding capacity using high pressure gel permeation chromatography. Clinica Chimica Acta, 2000, 291, 43-51.	0.5	57
54	Carnosine and anserine homeostasis in skeletal muscle and heart is controlled by Î²â€alanine transamination. Journal of Physiology, 2016, 594, 4849-4863.	1.3	57

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55	Vitamin D binding protein, bone status and body composition in community-dwelling elderly men. Bone, 2006, 38, 701-707.	1.4	55
56	Combined evaluation of conventional MRI, dynamic contrast-enhanced MRI and diffusion weighted imaging for response evaluation of patients with multiple myeloma. European Journal of Radiology, 2016, 85, 373-382.	1.2	55
57	Determination of Carbohydrate-deficient Transferrin Using Capillary Zone Electrophoresis. Clinical Chemistry, 2001, 47, 247-255.	1.5	54
58	Quantitative Evaluation of Urinalysis Test Strips. Clinical Chemistry, 2002, 48, 2236-2241.	1.5	54
59	Discriminative value of serum amyloid A and other acute-phase proteins for coronary heart disease. Atherosclerosis, 2002, 160, 471-476.	0.4	53
60	Complement C3 and its polymorphism: biological and clinical consequences. Pathology, 2014, 46, 1-10.	0.3	53
61	False-positive detection of recombinant human erythropoietin in urine following strenuous physical exercise. Blood, 2006, 107, 4711-4713.	0.6	52
62	The influence of menstrual blood loss and age on the isotopic composition of Cu, Fe and Zn in human whole blood. Journal of Analytical Atomic Spectrometry, 2014, 29, 478-482.	1.6	52
63	Quantity does not equal quality: Scientific principles cannot be sacrificed. International Immunopharmacology, 2020, 86, 106711.	1.7	52
64	Analytical Interferences in Point-of-Care Testing Glucometers by Icodextrin and its Metabolites: An Overview. Peritoneal Dialysis International, 2009, 29, 377-383.	1.1	51
65	Augmented renal clearance: a common condition in critically ill children. Pediatric Nephrology, 2019, 34, 1099-1106.	0.9	51
66	Serum creatine kinase activity is not a reliable marker for muscle damage in conditions associated with low extracellular glutathione concentration. Clinical Chemistry, 1998, 44, 939-943.	1.5	50
67	Oxidized low-density lipoprotein, iron stores, and haptoglobin polymorphism. Atherosclerosis, 2004, 176, 189-195.	0.4	50
68	Investigation of the potential association of vitamin D binding protein with lipoproteins. Annals of Clinical Biochemistry, 2010, 47, 143-150.	0.8	50
69	Total Iron Binding Capacity and Transferrin Concentration in the Assessment of Iron Status. Clinical Chemistry and Laboratory Medicine, 2002, 40, 1014-8.	1.4	49
70	Flow cytometry as a new method to quantify the cellular content of human saliva and its relation to gingivitis. Clinica Chimica Acta, 2002, 321, 35-41.	0.5	46
71	Trueness verification of actual creatinine assays in the European market demonstrates a disappointing variability that needs substantial improvement. An international study in the framework of the EC4 creatinine standardization working group. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1319-25.	1.4	46
72	Cystatin C: A New Renal Marker and Its Potential Use in Small Animal Medicine. Journal of Veterinary Internal Medicine, 2014, 28, 1152-1164.	0.6	46

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73	Testing for recombinant erythropoietin. American Journal of Hematology, 2008, 83, 237-241.	2.0	45
74	The Effect of Clinical Covariates on the Diagnostic and Prognostic Value of Soluble Mesothelin and Megakaryocyte Potentiating Factor. Chest, 2012, 141, 477-484.	0.4	44
75	Focusing on the clinical impact of standardization of creatinine measurements: a report by the EFCC Working Group on Creatinine Standardization. Clinical Chemistry and Laboratory Medicine, 2011, 49, 977-82.	1.4	43
76	Dose optimization of piperacillin/tazobactam in critically ill children. Journal of Antimicrobial Chemotherapy, 2017, 72, 2002-2011.	1.3	43
77	Carbohydrate deficient transferrin and forensic medicine. Clinica Chimica Acta, 2009, 406, 1-7.	0.5	42
78	Transferrin Polymorphism Influences Iron Status in Blacks. Clinical Chemistry, 2000, 46, 1535-1539.	1.5	41
79	The relationship between the iron isotopic composition of human whole blood and iron status parameters. Metallomics, 2013, 5, 1503.	1.0	41
80	Automated Flow Cytometric Analysis of Cerebrospinal Fluid. Clinical Chemistry, 2001, 47, 556-560.	1.5	40
81	Serum Free Hemoglobin Concentrations in Healthy Individuals Are Related to Haptoglobin Type. Clinical Chemistry, 2005, 51, 1754-1755.	1.5	40
82	Serum vitamin C concentration is influenced by haptoglobin polymorphism and iron status in Chinese. Clinica Chimica Acta, 2006, 365, 319-324.	0.5	40
83	Vitamin D binding protein, a new nutritional marker in cystic fibrosis patients. Clinical Chemistry and Laboratory Medicine, 2008, 46, 365-70.	1.4	39
84	Diagnosis and monitoring of IgA nephropathy: the role of biomarkers as an alternative to renal biopsy. Autoimmunity Reviews, 2015, 14, 847-853.	2.5	39
85	Glycation in human fingernail clippings using ATR-FTIR spectrometry, a new marker for the diagnosis and monitoring of diabetes mellitus. Clinical Biochemistry, 2017, 50, 62-67.	0.8	38
86	Evaluation of Sysmex UF-1000i for use in cerebrospinal fluid analysis. Clinica Chimica Acta, 2008, 392, 30-33.	0.5	37
87	Serial Measurements of Mesothelioma Serum Biomarkers in Asbestos-Exposed Individuals: A Prospective Longitudinal Cohort Study. Journal of Thoracic Oncology, 2011, 6, 889-895.	0.5	37
88	N-glycan based biomarker distinguishing non-alcoholic steatohepatitis from steatosis independently of fibrosis. Digestive and Liver Disease, 2012, 44, 315-322.	0.4	37
89	Java project on periodontal diseases: periodontal bone loss in relation to environmental and systemic conditions. Journal of Clinical Periodontology, 2015, 42, 325-332.	2.3	37
90	Preanalytics in urinalysis. Clinical Biochemistry, 2016, 49, 1346-1350.	0.8	37

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91	Changing to a vegetarian diet reduces the body creatine pool in omnivorous women, but appears not to affect carnitine and carnosine homeostasis: a randomised trial. British Journal of Nutrition, 2018, 119, 759-770.	1.2	37
92	Vitamin C Deficiency and Scurvy Are Not Only a Dietary Problem but Are Codetermined by the Haptoglobin Polymorphism. Clinical Chemistry, 2007, 53, 1397-1400.	1.5	36
93	Haptoglobin Polymorphism and Infection. Advances in Clinical Chemistry, 2010, 50, 23-46.	1.8	34
94	Glomerular Filtration Rate Is a Confounder for the Measurement of Soluble Mesothelin in Serum. Clinical Chemistry, 2009, 55, 1431-1433.	1.5	33
95	Semiquantitative, fully automated urine test strip analysis. Journal of Clinical Laboratory Analysis, 2019, 33, e22870.	0.9	33
96	Limits of preservation of samples for urine strip tests and particle counting. Clinical Chemistry and Laboratory Medicine, 2008, 46, 703-13.	1.4	32
97	C3 and ACE1 polymorphisms are more important confounders in the spread and outcome of COVID-19 in comparison with ABO polymorphism. European Journal of Preventive Cardiology, 2020, 27, 1331-1332.	0.8	32
98	The effect of supplementation with an antioxidant preparation on LDL-oxidation is determined by haptoglobin polymorphism. Redox Report, 2003, 8, 41-46.	1.4	31
99	How to estimate GFR in children. Nephrology Dialysis Transplantation, 2008, 24, 714-716.	0.4	31
100	Iron isotopic composition of blood serum in anemia of chronic kidney disease. Metallomics, 2017, 9, 517-524.	1.0	31
101	Vitamin D binding protein polymorphism and COVIDâ€19. Journal of Medical Virology, 2021, 93, 705-707.	2.5	31
102	NEW SCREENING DIAGNOSTIC TECHNIQUES IN URINALYSIS. Acta Clinica Belgica, 2007, 62, 155-161.	0.5	30
103	Soluble transferrin receptor in urine, a new biomarker for IgA nephropathy and Henochâ€“SchÃ¶nlein purpura nephritis. Clinical Biochemistry, 2013, 46, 591-597.	0.8	30
104	THE PRE-ANALYTICAL CHALLENGES OF ROUTINE URINALYSIS. Acta Clinica Belgica, 2010, 65, 182-189.	0.5	29
105	Vitamin C deficiency: more than just a nutritional disorder. Genes and Nutrition, 2011, 6, 341-346.	1.2	29
106	Carbohydrate Deficient Transferrin in a Driver's License Regranting Program. Alcohol and Alcoholism, 2012, 47, 253-260.	0.9	29
107	Probiotics in cystic fibrosis patients: A double blind crossover placebo controlled study. Clinical Nutrition ESPEN, 2018, 27, 59-65.	0.5	28
108	Analysis of protein glycation in human fingernail clippings with near-infrared (NIR) spectroscopy as an alternative technique for the diagnosis of diabetes mellitus. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1551-1558.	1.4	28

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109	Mutations and phenotype in isolated glycerol kinase deficiency. American Journal of Human Genetics, 1996, 58, 1205-11.	2.6	28
110	The Role of Advanced Glycation End Products and Its Soluble Receptor in Kidney Diseases. International Journal of Molecular Sciences, 2022, 23, 3439.	1.8	28
111	Urinary Î±1-Microglobulin Detects Uropathy. A Prospective Study in 483 Urological Patients. Clinical Chemistry and Laboratory Medicine, 1998, 36, 309-15.	1.4	27
112	Capillary electrophoresis of urinary prostate glycoproteins assists in the diagnosis of prostate cancer. Electrophoresis, 2014, 35, 1017-1024.	1.3	27
113	How to establish glomerular filtration rate in children. Scandinavian Journal of Clinical and Laboratory Investigation, 2008, 68, 46-51.	0.6	26
114	Recent evolutions of machine learning applications in clinical laboratory medicine. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 131-152.	2.7	26
115	Human Epididymis Protein 4 in Cancer Diagnostics. Advances in Clinical Chemistry, 2013, 59, 1-21.	1.8	25
116	Carbohydrate-Deficient Transferrin and Chronic Alcohol Ingestion in Subjects with Transferrin CD-Variants. Clinical Chemistry and Laboratory Medicine, 2001, 39, 937-43.	1.4	24
117	Analytical validation of a human particleâ€enhanced nephelometric assay for cystatin <scp>C</scp> measurement in feline serum and urine. Veterinary Clinical Pathology, 2014, 43, 226-234.	0.3	24
118	Urinary myeloid IgA Fc alpha receptor (CD89) and transglutaminase-2 as new biomarkers for active IgA nephropathy and henoch-SchÃ¶nlein purpura nephritis. BBA Clinical, 2016, 5, 79-84.	4.1	24
119	Glycated nail proteins: a new approach for detecting diabetes in developing countries. Tropical Medicine and International Health, 2014, 19, 58-64.	1.0	23
120	Sensitive albuminuria analysis using dye-binding based test strips. Clinica Chimica Acta, 2017, 471, 107-112.	0.5	23
121	Biological validation of feline serum cystatin C: The effect of breed, age and sex and establishment of a reference interval. Veterinary Journal, 2015, 204, 168-173.	0.6	22
122	Urinary prostate protein glycosylation profiling as a diagnostic biomarker for prostate cancer. Prostate, 2015, 75, 314-322.	1.2	22
123	Glycation of Nail Proteins: From Basic Biochemical Findings to a Representative Marker for Diabetic Glycation-Associated Target Organ Damage. PLoS ONE, 2015, 10, e0120112.	1.1	22
124	Ferroportin (SLC40A1) Q248H mutation is associated with lower circulating serum hepcidin levels in Rwandese HIV-positive women. Annals of Hematology, 2012, 91, 911-916.	0.8	21
125	Combined Use of Urinary α₁-Microglobulin and ^{99m}Tc DMSA Scintigraphy in the Diagnosis and Follow-Up of Acute Pyelonephritis and Cystitis in Children. European Urology, 1998, 34, 486-491.	0.9	19
126	Comparison of triglyceride concentration with lipemic index in disorders of triglyceride and glycerol metabolism. Clinical Chemistry and Laboratory Medicine, 2006, 44, 220-2.	1.4	19

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127	How to Solve the Underestimated Problem of Overestimated Sodium Results in the Hypoproteinemic Patient. Critical Care Medicine, 2016, 44, e83-e88.	0.4	19
128	Postnatal Maturation of the Glomerular Filtration Rate in Conventional Growing Piglets As Potential Juvenile Animal Model for Preclinical Pharmaceutical Research. Frontiers in Pharmacology, 2017, 8, 431.	1.6	19
129	Association between low vitamin D and COVID-19: donâ€™t forget the vitamin D binding protein. Aging Clinical and Experimental Research, 2020, 32, 1207-1208.	1.4	19
130	Genetic Polymorphisms in the Host and COVID-19 Infection. Advances in Experimental Medicine and Biology, 2021, 1318, 109-118.	0.8	19
131	Quantitative evaluation of urinalysis test strips. Clinical Chemistry, 2002, 48, 2236-41.	1.5	19
132	A new turbidimetric method for assaying serum C-reactive protein based on phosphocholine interaction. Clinical Chemistry and Laboratory Medicine, 2009, 47, 1417-22.	1.4	18
133	A new high-sensitive nephelometric method for assaying serum C-reactive protein based on phosphocholine interaction. Clinical Chemistry and Laboratory Medicine, 2014, 52, 861-7.	1.4	18
134	Natural Fe isotope fractionation in an intestinal Caco-2 cell line model. Journal of Analytical Atomic Spectrometry, 2017, 32, 1713-1720.	1.6	18
135	Release of urinary extracellular vesicles in prostate cancer is associated with altered urinary N-glycosylation profile. Journal of Clinical Pathology, 2017, 70, 838-846.	1.0	18
136	Quantification and isotopic analysis of bulk and of exchangeable and ultrafiltrable serum copper in healthy and alcoholic cirrhosis subjects. Talanta, 2018, 189, 332-338.	2.9	18
137	Effect of ACE1 polymorphism rs1799752 on protein levels of ACE2, the SARS-CoV-2 entry receptor, in alveolar lung epithelium. ERJ Open Research, 2021, 7, 00940-2020.	1.1	18
138	IMPORTANCE OF THE PRE-ANALYTICAL PHASE IN BLOOD GLUCOSE ANALYSIS. Acta Clinica Belgica, 2010, 65, 311-318.	0.5	17
139	The serum estradiol concentration is the main determinant of the estradiol concentration in normal breast tissue. Maturitas, 2015, 81, 42-45.	1.0	17
140	Evaluation of Cystatin C for the Detection of Chronic Kidney Disease in Cats. Journal of Veterinary Internal Medicine, 2016, 30, 1074-1082.	0.6	17
141	Infrared spectroscopy as a novel tool to diagnose onychomycosis. British Journal of Dermatology, 2019, 180, 637-646.	1.4	17
142	The role of soluble receptor for advanced glycation end-products (sRAGE) in the general population and patients with diabetes mellitus with a focus on renal function and overall outcome. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 113-130.	2.7	17
143	Longâ€term followâ€up of renal function assessing serum cystatin C in dogs with diabetes mellitus or hyperadrenocorticism. Veterinary Clinical Pathology, 2016, 45, 320-329.	0.3	16
144	Quantitative urine test strip reading for leukocyte esterase and hemoglobin peroxidase. Clinical Chemistry and Laboratory Medicine, 2018, 56, 1126-1132.	1.4	16

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145	Exploring the possibilities of infrared spectroscopy for urine sediment examination and detection of pathogenic bacteria in urinary tract infections. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1759-1767.	1.4	16
146	Asymptomatic Submicroscopic Plasmodium Infection Is Highly Prevalent and Is Associated with Anemia in Children Younger than 5 Years in South Kivu/Democratic Republic of Congo. American Journal of Tropical Medicine and Hygiene, 2020, 102, 1048-1055.	0.6	16
147	Diagnosis and localization of a complicated urinary tract infection in neurogenic bladder disease by tubular proteinuria and serum prostate specific antigen. Spinal Cord, 1998, 36, 33-38.	0.9	15
148	Binding of bromocresol green and bromocresol purple to albumin in hemodialysis patients. Clinical Chemistry and Laboratory Medicine, 2018, 56, 436-440.	1.4	15
149	A review on urinary proteins in outflow disease of the upper urinary tract. Clinica Chimica Acta, 2000, 297, 183-189.	0.5	14
150	Critical evaluation of connectivity-based point of care testing systems of glucose in a hospital environment. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1763-8.	1.4	14
151	Impaired hemoglobin scavenging during an acute HIV-1 retroviral syndrome. Clinica Chimica Acta, 2010, 411, 521-523.	0.5	14
152	Detection and Characterization of a Biochemical Signature Associated with Diabetic Nephropathy Using Near-infrared Spectroscopy on Tissue Sections. Journal of Clinical Medicine, 2019, 8, 1022.	1.0	14
153	The Role of Vitamin D in Diabetic Nephropathy: A Translational Approach. International Journal of Molecular Sciences, 2022, 23, 807.	1.8	14
154	Use of Specific Urinary Proteins as Diagnostic Markers for Renal Disease. Acta Clinica Belgica, 1997, 52, 148-153.	0.5	13
155	Urinary Î²-Trace Protein as a New Renal Tubular Marker. Clinical Chemistry, 2009, 55, 1241-1243.	1.5	13
156	Analysis of Î³â€globulin mobility on routine clinical CE equipment: Exploring its molecular basis and potential clinical utility. Electrophoresis, 2009, 30, 2617-2623.	1.3	13
157	Proteolysis is a confounding factor in the interpretation of faecal calprotectin. Clinical Chemistry and Laboratory Medicine, 2015, 53, 65-71.	1.4	13
158	Serum and urinary cystatin C in cats with feline immunodeficiency virus infection and cats with hyperthyroidism. Journal of Feline Medicine and Surgery, 2016, 18, 658-665.	0.6	13
159	Measured Glomerular Filtration Rate: The Query for a Workable Golden Standard Technique. Journal of Personalized Medicine, 2021, 11, 949.	1.1	13
160	Impact of food and drinks on urine production: A systematic review. International Journal of Clinical Practice, 2020, 74, e13539.	0.8	13
161	Urinary Plasma Protein Patterns in Acute Prostatitis. Clinical Chemistry and Laboratory Medicine, 2003, 41, 79-84.	1.4	12
162	Detection of antibodies in cardiac autoimmunity. Clinica Chimica Acta, 2009, 408, 114-122.	0.5	12

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163	Haptoglobin polymorphism: A key factor in the proatherogenic role of B cells?. Atherosclerosis, 2011, 217, 80-82.	0.4	12
164	The haptoglobin phenotype influences the risk of cutaneous squamous cell carcinoma in kidney transplant patients. Journal of the European Academy of Dermatology and Venereology, 2012, 26, 566-571.	1.3	12
165	Usefulness of indirect alcohol biomarkers for predicting recidivism of drunkâ€driving among previously convicted drunkâ€driving offenders: results from the <scp>R</scp>ecidivism <scp>O</scp>f <scp>A</scp>lcoholâ€impaired <scp>D</scp>riving<scp> (ROAD)</scp> study. Addiction, 2014, 109, 71-78.	1.7	12
166	Faecal leukocyte esterase activity is an alternative biomarker in inflammatory bowel disease. Clinical Chemistry and Laboratory Medicine, 2015, 53, 2003-8.	1.4	12
167	Bone morphogenetic protein 6 (BMP-6) modulates lung function, pulmonary iron levels and cigarette smoke-induced inflammation. Mucosal Immunology, 2019, 12, 340-351.	2.7	12
168	The potential influence of human Y-chromosome haplogroup on COVID-19 prevalence and mortality. Annals of Oncology, 2020, 31, 1582-1584.	0.6	12
169	ACE polymorphism and COVID-19 outcome. Endocrine, 2020, 70, 13-14.	1.1	12
170	UV Fluorescence-Based Determination of Urinary Advanced Glycation End Products in Patients with Chronic Kidney Disease. Diagnostics, 2020, 10, 34.	1.3	12
171	Weight-gain induced changes in renal perfusion assessed by contrast-enhanced ultrasound precede increases in urinary protein excretion suggestive of glomerular and tubular injury and normalize after weight-loss in dogs. PLoS ONE, 2020, 15, e0231662.	1.1	12
172	Measurement of proteins with the Behring Nephelometer. A multicentre evaluation. Journal of Clinical Chemistry and Clinical Biochemistry Zeitschrift FÃ¼r Klinische Chemie Und Klinische Biochemie, 1989, 27, 261-76.	0.1	12
173	Conflicting results between electrophoresis methods of serum M-proteins. Electrophoresis, 2004, 25, 1548-1550.	1.3	11
174	A sensitive quantitative test strip based point-of-care albuminuria screening assay. Clinical Chemistry and Laboratory Medicine, 2012, 50, 673-8.	1.4	11
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