

# Joris Delanghe

## 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.

322  
papers

7,550  
citations

50  
h-index

73  
g-index

351  
ext. papers

8,624  
ext. citations

4.8  
avg, IF

6.39  
L-index

#	Paper	IF	Citations
322	Pancreatic lipase assays: time for a change towards immunoassays?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> ,	5.9	0
321	Influence of the vitamin D binding protein polymorphisms on the relationship between vitamin D status and the severity of COVID-19 in pregnant women.. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , <b>2022</b> , 1-2	2	
320	The Role of Vitamin D in Diabetic Nephropathy: A Translational Approach.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	6
319	Labile glycated hemoglobin: an underestimated laboratory marker of short term glycemia.. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> ,	5.9	2
318	The Influence of Salt Sensitivity Phenotype on Sodium Excretion and Diuresis: A Chrononutrition Pilot Study. <i>International Journal of Clinical Practice</i> , <b>2022</b> , 2022, 1-10	2.9	
317	Evaluation of reference intervals for classical and alternative pathway functional complement assays. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> , 60, e7-e9	5.9	0
316	Host polymorphisms and COVID-19 infection.. <i>Advances in Clinical Chemistry</i> , <b>2022</b> , 107, 41-77	5.8	1
315	Commentary: Serum Vitamin D Levels Are Associated With Increased COVID-19 Severity and Mortality Independent of Whole-Body and Visceral Adiposity.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 885204	6.2	
314	Exploration of the relationship between anemia and iron and zinc deficiencies in children under 5 years of age living in the malaria endemic area of South Kivu/Democratic Republic of Congo.. <i>Annals of Hematology</i> , <b>2022</b> , 1	3	0
313	COVID-19 related mortality and religious denomination vs. genetics.. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> ,	5.9	
312	Yeast-produced fructosamine-3-kinase retains mobility after ex vivo intravitreal injection in human and bovine eyes as determined by Fluorescence Correlation Spectroscopy.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121772	6.5	1
311	A rare presentation of kidney failure in a patient with giant cell arteritis: case report and review of literature. <i>Acta Clinica Belgica</i> , <b>2021</b> , 76, 496-499	1.8	
310	Biomarkers of disease in human nails: a comprehensive review. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2021</b> , 1-17	9.4	0
309	On the protein content of kidney stones: an explorative study. <i>Acta Clinica Belgica</i> , <b>2021</b> , 1-8	1.8	0
308	Exogenous triglycerides interfere with a point of care CRP assay: a pre-analytical caveat. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, e141-e143	5.9	0
307	ABO Blood Groups and Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , <b>2021</b> , 72, e91711.6	11.6	1
306	Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease. <i>Toxins</i> , <b>2021</b> , 13,	4.9	3

305	ACE polymorphism is a determinant for COVID-19 mortality in the post-vaccination era. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> ,	5.9	2
304	Evaluation of a turbidimetric C-reactive protein assay to monitor early-onset neonatal sepsis in South Kivu (Democratic Republic of the Congo). <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, 625-630	5.9	2
303	Vitamin D binding protein and endothelial injury after hematopoietic stem cell transplantation: an actin scavenger with a lipid-bound character. <i>Haematologica</i> , <b>2021</b> , 106, 923	6.6	
302	Tissue linked glycosylation as potential prognostic biomarker for biochemical recurrence-free survival. <i>Biomarkers</i> , <b>2021</b> , 26, 275-285	2.6	0
301	A Potential Role for Fructosamine-3-Kinase in Cataract Treatment. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
300	Vitamin D binding protein: A key regulator of vitamin D deficiency among patients with pneumonia. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 2491-2492	5.9	
299	The biologic importance of the vitamin D binding protein polymorphism in pediatric COVID-19 patients. <i>European Journal of Pediatrics</i> , <b>2021</b> , 180, 2707-2708	4.1	
298	Vitamin D binding protein: A polymorphic protein with actin-binding capacity in COVID- 19. <i>Nutrition</i> , <b>2021</b> , 111347	4.8	
297	Microhematuria: AUA/SUFU Guideline. Letter. <i>Journal of Urology</i> , <b>2021</b> , 205, 1848-1849	2.5	1
296	C-Reactive Protein in Neonates and Risk for Autism Spectrum Disorder. <i>Biological Psychiatry</i> , <b>2021</b> , 90, e63	7.9	1
295	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. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2021</b> , 58, 113-130	9.4	6
294	Recent evolutions of machine learning applications in clinical laboratory medicine. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2021</b> , 58, 131-152	9.4	9
293	The influence of the genetic background of the host on vitamin D deficiency in children with COVID-19. <i>Pediatric Pulmonology</i> , <b>2021</b> , 56, 1259-1260	3.5	
292	Vitamin D binding protein polymorphism and COVID-19. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 705-707	19.7	22
291	Genetic Polymorphisms in the Host and COVID-19 Infection. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1318, 109-118	3.6	4
290	Importance of the Lipid-Bound Character of Vitamin D Binding Protein in the Evaluation of Vitamin D Status in COVID-19 Patients. <i>American Journal of Clinical Pathology</i> , <b>2021</b> , 155, 766-767	1.9	2
289	Iodine containing contrast media and urinary flow cytometry: an unknown interference in automated urine sediment analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, e335-e337	5.9	1
288	Effect of polymorphism rs1799752 on protein levels of ACE2, the SARS-CoV-2 entry receptor, in alveolar lung epithelium. <i>ERJ Open Research</i> , <b>2021</b> , 7,	3.5	7

287	Etiology of Early-Onset Neonatal Sepsis and Antibiotic Resistance in Bukavu, Democratic Republic of the Congo. <i>Clinical Infectious Diseases</i> , <b>2021</b> , 73, e976-e980	11.6	4
286	A key role for vitamin D binding protein in COVID-19?. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 2259-2266	5.2	2
285	The potential significance of vitamin D binding protein polymorphism in COVID-19. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 109, 90	10.5	1
284	Contribution of Vitamin D-Binding Protein Polymorphism to Susceptibility and Outcome of COVID-19 Patients. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 2498-2499	4.1	
283	On the nature of peculiar expectorated bronchial casts: Can infrared spectroscopy enlighten us?. <i>Clinica Chimica Acta</i> , <b>2021</b> , 523, 31-34	6.2	
282	Association between low vitamin D and COVID-19: don't forget the vitamin D binding protein. <i>Aging Clinical and Experimental Research</i> , <b>2020</b> , 32, 1207-1208	4.8	15
281	A randomized trial on the effect of oral combined estradiol and drospirenone on glucose and insulin metabolism in healthy menopausal women with a normal oral glucose tolerance test. <i>Maturitas</i> , <b>2020</b> , 138, 36-41	5	2
280	C3 and ACE1 polymorphisms are more important confounders in the spread and outcome of COVID-19 in comparison with ABO polymorphism. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 1331-1332	3.9	25
279	Sense and nonsense concerning biotin interference in laboratory tests. <i>Acta Clinica Belgica</i> , <b>2020</b> , 1-7	1.8	1
278	L-index, more than a screening tool for hypertriglyceridemia. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, e128-e129	5.9	
277	Urine test strips vs. pyrogallol red-molybdate assays for proteinuria: a critical approach. <i>Clinical and Experimental Nephrology</i> , <b>2020</b> , 24, 489-490	2.5	1
276	How to assess renal function in patients with a neobladder. <i>Clinica Chimica Acta</i> , <b>2020</b> , 504, 154	6.2	1
275	UV Fluorescence-Based Determination of Urinary Advanced Glycation End Products in Patients with Chronic Kidney Disease. <i>Diagnostics</i> , <b>2020</b> , 10,	3.8	4
274	Potentially Confounding Variables in the Validation of Hospital Pneumatic Tube Systems. <i>Journal of Applied Laboratory Medicine</i> , <b>2020</b> , 5, 422-423	2	
273	Carbamoylated Nail Proteins as Assessed by Near-Infrared Analysis are Associated with Load of Uremic Toxins and Mortality in Hemodialysis Patients. <i>Toxins</i> , <b>2020</b> , 12,	4.9	4
272	Near-infrared spectroscopy as a potential non-invasive tool in the assessment of disease activity in vitiligo patients. <i>Experimental Dermatology</i> , <b>2020</b> , 29, 570-574	4	1
271	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. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231662	3.7	5
270	COVID-19 infections are also affected by human ACE1 D/I polymorphism. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1125-1126	5.9	68

269	Exploring the possibilities of infrared spectroscopy for urine sediment examination and detection of pathogenic bacteria in urinary tract infections. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1759-1767	5.9	9
268	ACE Ins/Del genetic polymorphism and epidemiological findings in COVID-19. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1129-1130	5.9	9
267	Asymptomatic Submicroscopic Infection Is Highly Prevalent and Is Associated with Anemia in Children Younger than 5 Years in South Kivu/Democratic Republic of Congo. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2020</b> , 102, 1048-1055	3.2	6
266	Vitamin D binding protein in COVID-19. <i>Clinical Medicine</i> , <b>2020</b> , 20, e136-e137	1.9	2
265	Impact of food and drinks on urine production: A systematic review. <i>International Journal of Clinical Practice</i> , <b>2020</b> , 74, e13539	2.9	2
264	Interference of anti-streptavidin antibodies in immunoassays: a very rare phenomenon or a more common finding?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1673-1680	5.9	5
263	Renal tubular epithelial cells add value in the diagnosis of upper urinary tract pathology. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 597-604	5.9	6
262	Potential underlying mechanisms of cerebral venous thrombosis associated with COVID-19. <i>Journal of Neuroradiology</i> , <b>2020</b> , 47, 473-474	3.1	5
261	Toward a dry tomorrow: Novel technologies in the treatment of nocturnal enuresis. <i>Journal of Pediatric Urology</i> , <b>2020</b> , 16, 733-734	1.5	
260	The potential influence of human Y-chromosome haplogroup on COVID-19 prevalence and mortality. <i>Annals of Oncology</i> , <b>2020</b> , 31, 1582-1584	10.3	10
259	ACE polymorphism and COVID-19 outcome. <i>Endocrine</i> , <b>2020</b> , 70, 13-14	4	6
258	Could Evening Dietary Protein Intake Play a Role in Nocturnal Polyuria?. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	3
257	Fructosamine-3-Kinase as a Potential Treatment Option for Age-Related Macular Degeneration. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	3
256	Haptoglobin 1-1 phenotype: A risk factor for 24-hours polyuria. <i>International Journal of Clinical Practice</i> , <b>2019</b> , 73, e13419	2.9	1
255	Non-linearity in commercially available lipase assays: still gaps to close. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 58, e21-e23	5.9	1
254	Haptoglobin polymorphism and the risk of actinic keratoses and cutaneous squamous cell carcinoma: A case-control study. <i>Journal of Dermatology</i> , <b>2019</b> , 46, 274-275	1.6	1
253	Is creatine kinase an ideal biomarker in rhabdomyolysis? Reply to Lippi et al.: Diagnostic biomarkers of muscle injury and exertional rhabdomyolysis ( <a href="https://doi.org/10.1515/cclm-2018-0656">https://doi.org/10.1515/cclm-2018-0656</a> ). <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, e75-e76	5.9	2
252	Increased C-reactive protein values in the absence of inflammation: monoclonal immunoglobulin interference in immunonephelometry. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, e311-e313	5.9	2

251	Prostate Protein N-Glycosylation Profiling by Means of DNA Sequencer-Assisted Fluorophore-Assisted Carbohydrate Electrophoresis. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1972, 235-250	1.4	1
250	N-Linked Glycosylation and Near-Infrared Spectroscopy in the Diagnosis of Prostate Cancer. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
249	Augmented renal clearance: a common condition in critically ill children. <i>Pediatric Nephrology</i> , <b>2019</b> , 34, 1099-1106	3.2	30
248	Diabetes mellitus and laboratory medicine in sub-Saharan Africa: challenges and perspectives. <i>Acta Clinica Belgica</i> , <b>2019</b> , 74, 137-142	1.8	5
247	Management of electrolyte disorders: also the method matters!. <i>Acta Clinica Belgica</i> , <b>2019</b> , 74, 2-6	1.8	7
246	On the nature of toenail opacities in renal insufficiency. <i>Clinical and Experimental Nephrology</i> , <b>2019</b> , 23, 146-147	2.5	1
245	Estimating the Level of Carbamoylated Plasma Non-High-Density Lipoproteins Using Infrared Spectroscopy. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	4
244	Detection and Characterization of a Biochemical Signature Associated with Diabetic Nephropathy Using Near-infrared Spectroscopy on Tissue Sections. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	8
243	Albumin assays and clinical decision-making in nephrotic syndrome patients. <i>Kidney International</i> , <b>2019</b> , 96, 248-249	9.9	1
242	Preanalytical classical and alternative complement pathway activity loss. <i>Biochimica Medica</i> , <b>2019</b> , 29, 030701	2.5	3
241	Semiquantitative, fully automated urine test strip analysis. <i>Journal of Clinical Laboratory Analysis</i> , <b>2019</b> , 33, e22870	3	17
240	Estimated urinary osmolality based on combined urinalysis parameters: a critical evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 1169-1176	5.9	7
239	Progress in Automated Urinalysis. <i>Annals of Laboratory Medicine</i> , <b>2019</b> , 39, 15-22	3.1	49
238	Infrared spectroscopy as a novel tool to diagnose onychomycosis. <i>British Journal of Dermatology</i> , <b>2019</b> , 180, 637-646	4	10
237	Bone morphogenetic protein 6 (BMP-6) modulates lung function, pulmonary iron levels and cigarette smoke-induced inflammation. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 340-351	9.2	8
236	Iron status as a confounder in the gender gap in survival under extreme conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E4148-E4149	11.5	1
235	Quantitative urine test strip reading for leukocyte esterase and hemoglobin peroxidase. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 1126-1132	5.9	11
234	Interference of glucose and total protein on Jaffe-based creatinine methods: mind the covolume. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e188-e189	5.9	1

233	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. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 759-770	3.6	27
232	Clinical characteristics of patients with low functional IL-6 production upon TLR/IL-1R stimulation. <i>Journal of Allergy and Clinical Immunology</i> , <b>2018</b> , 141, 768-770	11.5	
231	Neither creatinine- nor cystatin C-estimated glomerular filtration rate is optimal in oncology patients treated with targeted agents. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 402-408	4.3	2
230	Quantification and isotopic analysis of bulk and of exchangeable and ultrafiltrable serum copper in healthy and alcoholic cirrhosis subjects. <i>Talanta</i> , <b>2018</b> , 189, 332-338	6.2	16
229	Probiotics in cystic fibrosis patients: A double blind crossover placebo controlled study: Pilot study from the ESPGHAN Working Group on Pancreas/CF. <i>Clinical Nutrition ESPEN</i> , <b>2018</b> , 27, 59-65	1.3	13
228	Analysis of protein glycation in human fingernail clippings with near-infrared (NIR) spectroscopy as an alternative technique for the diagnosis of diabetes mellitus. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 1551-1558	5.9	18
227	Binding of bromocresol green and bromocresol purple to albumin in hemodialysis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 436-440	5.9	7
226	Applications of mid-infrared spectroscopy in the clinical laboratory setting. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2018</b> , 55, 1-20	9.4	62
225	Microscopic examination of urine sediment: Phase contrast versus bright field. <i>Clinica Chimica Acta</i> , <b>2018</b> , 487, 168-173	6.2	7
224	Variability of serum concentrations of cystatin C and urinary retinol-binding protein, neutrophil gelatinase-associated lipocalin, immunoglobulin G, and C-reactive protein in dogs. <i>Journal of Veterinary Internal Medicine</i> , <b>2018</b> , 32, 1659-1664	3.1	4
223	A simple colorimetric assay for measuring fructosamine 3 kinase activity. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 154-159	5.9	2
222	Iron isotopic composition of blood serum in anemia of chronic kidney disease. <i>Metallomics</i> , <b>2017</b> , 9, 517-524	5.4	26
221	Natural Fe isotope fractionation in an intestinal Caco-2 cell line model. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2017</b> , 32, 1713-1720	3.7	14
220	Quantification of carbamylated albumin in serum based on capillary electrophoresis. <i>Electrophoresis</i> , <b>2017</b> , 38, 2135-2140	3.6	9
219	Release of urinary extracellular vesicles in prostate cancer is associated with altered urinary N-glycosylation profile. <i>Journal of Clinical Pathology</i> , <b>2017</b> , 70, 838-846	3.9	13
218	Dose optimization of piperacillin/tazobactam in critically ill children. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2017</b> , 72, 2002-2011	5.1	27
217	The role of interleukin-17A in the pathogenesis of kidney diseases. <i>Pathology</i> , <b>2017</b> , 49, 247-258	1.6	51
216	A negative lactate dehydrogenase activity corrected after sample neuraminidase treatment. <i>Clinica Chimica Acta</i> , <b>2017</b> , 468, 209-210	6.2	

215	Infrared analysis of lipoproteins in the detection of alcohol biomarkers. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 876-881	5.9	3
214	Mechanisms and consequences of carbamylation. <i>Nature Reviews Nephrology</i> , <b>2017</b> , 13, 580-593	14.9	46
213	Whole blood Fe isotopic signature in a sub-Saharan African population. <i>Metallomics</i> , <b>2017</b> , 9, 1142-1149	4.5	11
212	Sensitive albuminuria analysis using dye-binding based test strips. <i>Clinica Chimica Acta</i> , <b>2017</b> , 471, 107-116	16.2	19
211	Glycation in human fingernail clippings using ATR-FTIR spectrometry, a new marker for the diagnosis and monitoring of diabetes mellitus. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 62-67	3.5	22
210	The achievements of clinical chemistry testing: 1967-2017. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 165-167	3.5	
209	Postnatal Maturation of the Glomerular Filtration Rate in Conventional Growing Piglets As Potential Juvenile Animal Model for Preclinical Pharmaceutical Research. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 431	5.6	11
208	Serum and urinary cystatin C in cats with feline immunodeficiency virus infection and cats with hyperthyroidism. <i>Journal of Feline Medicine and Surgery</i> , <b>2016</b> , 18, 658-65	2.3	10
207	Evaluation of Cystatin C for the Detection of Chronic Kidney Disease in Cats. <i>Journal of Veterinary Internal Medicine</i> , <b>2016</b> , 30, 1074-82	3.1	13
206	The association between fructosamine-3 kinase 900C/G polymorphism, transferrin polymorphism and human herpesvirus-8 infection in diabetics living in South Kivu. <i>Acta Tropica</i> , <b>2016</b> , 163, 14-9	3.2	5
205	Preanalytics in urinalysis. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1346-1350	3.5	25
204	AUGMENTED RENAL CLEARANCE IMPLIES A NEED FOR INCREASED AMOXICILLIN-CLAVULANATE DOSING IN CRITICALLY ILL CHILDREN. <i>Archives of Disease in Childhood</i> , <b>2016</b> , 101, e1.15-e1	2.2	
203	The presence of fructosamine in human aortic valves is associated with valve stiffness. <i>Journal of Clinical Pathology</i> , <b>2016</b> , 69, 772-6	3.9	2
202	Urinary myeloid IgA Fc alpha receptor (CD89) and transglutaminase-2 as new biomarkers for active IgA nephropathy and henoch-Schönlein purpura nephritis. <i>BBA Clinical</i> , <b>2016</b> , 5, 79-84		16
201	Sampling on ice will not yield reliable uric acid monitoring in rasburicase-treated patients. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1390-1395	3.5	2
200	25-Hydroxyvitamin D in Patients With Cognitive Decline. <i>JAMA Neurology</i> , <b>2016</b> , 73, 356-7	17.2	0
199	Combined evaluation of conventional MRI, dynamic contrast-enhanced MRI and diffusion weighted imaging for response evaluation of patients with multiple myeloma. <i>European Journal of Radiology</i> , <b>2016</b> , 85, 373-82	4.7	45
198	High-precision isotopic analysis of essential mineral elements in biomedicine: natural isotope ratio variations as potential diagnostic and/or prognostic markers. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 76, 182-193	14.6	64



197	Elevated calprotectin levels reveal bowel inflammation in spondyloarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1357-62	2.4	58
196	Urinary kidney injury molecule-1 and neutrophil gelatinase-associated lipocalin as indicators of tubular damage in normoalbuminuric patients with type 2 diabetes. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 232-6	3.5	59
195	An Unusual Type of Kidney Stone. <i>Clinical Laboratory</i> , <b>2016</b> , 62, 235-9	2	5
194	Carnosine and anserine homeostasis in skeletal muscle and heart is controlled by Alanine transamination. <i>Journal of Physiology</i> , <b>2016</b> , 594, 4849-63	3.9	35
193	Determination of iohexol and iothalamate in serum and urine by capillary electrophoresis. <i>Electrophoresis</i> , <b>2016</b> , 37, 2363-7	3.6	4
192	How to Solve the Underestimated Problem of Overestimated Sodium Results in the Hypoproteinemic Patient. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e83-8	1.4	16
191	Long-term follow-up of renal function assessing serum cystatin C in dogs with diabetes mellitus or hyperadrenocorticism. <i>Veterinary Clinical Pathology</i> , <b>2016</b> , 45, 320-9	1	12
190	Haptoglobin phenotype and Parkinson disease risk. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 22, 108-9	3.6	6
189	The evolutionary adaptation of hemochromatosis associated mutations during the neolithic. <i>American Journal of Physical Anthropology</i> , <b>2016</b> , 161, 530-531	2.5	3
188	Detailed faecal fat analysis using Fourier transform infrared spectroscopy: Exploring the possibilities. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1283-1287	3.5	4
187	Infrared spectroscopic imaging for interrogating the carbohydrate biochemistry of diabetic nephropathy progression. <i>Kidney International</i> , <b>2016</b> , 90, 225-6	9.9	2
186	Java project on periodontal diseases: periodontal bone loss in relation to environmental and systemic conditions. <i>Journal of Clinical Periodontology</i> , <b>2015</b> , 42, 325-32	7.7	26
185	Biological validation of feline serum cystatin C: The effect of breed, age and sex and establishment of a reference interval. <i>Veterinary Journal</i> , <b>2015</b> , 204, 168-73	2.5	15
184	Behind the scenes of vitamin D binding protein: more than vitamin D binding. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 29, 773-86	6.5	100
183	The serum estradiol concentration is the main determinant of the estradiol concentration in normal breast tissue. <i>Maturitas</i> , <b>2015</b> , 81, 42-5	5	14
182	Vascular adhesion protein-1: Role in human pathology and application as a biomarker. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2015</b> , 52, 284-300	9.4	63
181	Cardiovascular and pharmacological implications of haem-deficient NO-unresponsive soluble guanylate cyclase knock-in mice. <i>Nature Communications</i> , <b>2015</b> , 6, 8482	17.4	47
180	Augmented renal clearance implies a need for increased amoxicillin-clavulanic acid dosing in critically ill children. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 7027-35	5.9	50

179	Faecal leukocyte esterase activity is an alternative biomarker in inflammatory bowel disease. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 2003-8	5.9	10
178	The effect of feeding, storage and anticoagulant on feline serum cystatin C. <i>Veterinary Journal</i> , <b>2015</b> , 206, 91-6	2.5	8
177	Urinary prostate protein glycosylation profiling as a diagnostic biomarker for prostate cancer. <i>Prostate</i> , <b>2015</b> , 75, 314-22	4.2	21
176	An abnormally glycosylated isoform of erythropoietin in hemangioblastoma is associated with polycythemia. <i>Clinica Chimica Acta</i> , <b>2015</b> , 438, 304-6	6.2	3
175	Diagnosis and monitoring of IgA nephropathy: the role of biomarkers as an alternative to renal biopsy. <i>Autoimmunity Reviews</i> , <b>2015</b> , 14, 847-53	13.6	25
174	Translational research and biomarkers in neonatal sepsis. <i>Clinica Chimica Acta</i> , <b>2015</b> , 451, 46-64	6.2	84
173	Isotopic analysis of Cu in blood serum by multi-collector ICP-mass spectrometry: a new approach for the diagnosis and prognosis of liver cirrhosis?. <i>Metallomics</i> , <b>2015</b> , 7, 491-8	4.5	68
172	Proteolysis is a confounding factor in the interpretation of faecal calprotectin. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 65-71	5.9	11
171	Diagnostic accuracy of urinary prostate protein glycosylation profiling in prostatitis diagnosis. <i>Biochemia Medica</i> , <b>2015</b> , 25, 439-49	2.5	8
170	Glycated nail proteins as a new biomarker in management of the South Kivu Congolese diabetics. <i>Biochemia Medica</i> , <b>2015</b> , 25, 469-73	2.5	5
169	Glycation of nail proteins: from basic biochemical findings to a representative marker for diabetic glycation-associated target organ damage. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120112	3.7	16
168	Letter to the Editor: The Underestimated Role of the Lipid-Bound Character of Vitamin D Binding Protein. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2015</b> , 100, L109-10	5.6	
167	Capillary electrophoresis of urinary prostate glycoproteins assists in the diagnosis of prostate cancer. <i>Electrophoresis</i> , <b>2014</b> , 35, 1017-24	3.6	25
166	Vitamin D binding protein: a multifunctional protein of clinical importance. <i>Advances in Clinical Chemistry</i> , <b>2014</b> , 63, 1-57	5.8	76
165	Peroxisome proliferator-activated receptor agonists in a battle against the aging kidney. <i>Ageing Research Reviews</i> , <b>2014</b> , 14, 1-18	12	7
164	Glycated nail proteins: a new approach for detecting diabetes in developing countries. <i>Tropical Medicine and International Health</i> , <b>2014</b> , 19, 58-64	2.3	18
163	Analytical validation of a human particle-enhanced nephelometric assay for cystatin C measurement in feline serum and urine. <i>Veterinary Clinical Pathology</i> , <b>2014</b> , 43, 226-34	1	16
162	The influence of menstrual blood loss and age on the isotopic composition of Cu, Fe and Zn in human whole blood. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2014</b> , 29, 478-482	3.7	46

161	Calibration and precision of serum creatinine and plasma cystatin C measurement: impact on the estimation of glomerular filtration rate. <i>Journal of Nephrology</i> , <b>2014</b> , 27, 467-75	4.8	48
160	Cystatin C: a new renal marker and its potential use in small animal medicine. <i>Journal of Veterinary Internal Medicine</i> , <b>2014</b> , 28, 1152-64	3.1	33
159	Low serum creatine kinase activity is associated with worse outcome in critically ill patients. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 786-90	4	5
158	Colloidal stability of nano-sized particles in the peritoneal fluid: towards optimizing drug delivery systems for intraperitoneal therapy. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 2965-75	10.8	52
157	A critical evaluation of salivary testosterone as a method for the assessment of serum testosterone. <i>Steroids</i> , <b>2014</b> , 86, 5-9	2.8	76
156	Flow cytometry-based analysis by Sysmex-UF1000i $\square$ is an alternative method in the assessment of periodontal inflammation. <i>Clinica Chimica Acta</i> , <b>2014</b> , 436, 176-80	6.2	4
155	Are there better alternatives than haemoglobin A1c to estimate glycaemic control in the chronic kidney disease population?. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 2167-77	4.3	68
154	Dual-wavelength recording, a simple algorithm to eliminate interferences due to UV-absorbing substances in capillary electrophoresis. <i>Electrophoresis</i> , <b>2014</b> , 35, 2248-52	3.6	5
153	Complement C3 and its polymorphism: biological and clinical consequences. <i>Pathology</i> , <b>2014</b> , 46, 1-10	1.6	38
152	A new high-sensitive nephelometric method for assaying serum C-reactive protein based on phosphocholine interaction. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 861-7	5.9	11
151	Preanalytical requirements of urinalysis. <i>Biochimica Medica</i> , <b>2014</b> , 24, 89-104	2.5	91
150	Usefulness of indirect alcohol biomarkers for predicting recidivism of drunk-driving among previously convicted drunk-driving offenders: results from the recidivism of alcohol-impaired driving (ROAD) study. <i>Addiction</i> , <b>2014</b> , 109, 71-8	4.6	10
149	Ferroportin Q248H mutation, hyperferritinemia and atypical type 2 diabetes mellitus in South Kivu. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2013</b> , 7, 112-5	8.9	8
148	Human epididymis protein 4 in cancer diagnostics: a promising and reliable tumor marker. <i>Advances in Clinical Chemistry</i> , <b>2013</b> , 59, 1-21	5.8	24
147	Soluble transferrin receptor in urine, a new biomarker for IgA nephropathy and Henoch-Sch $\ddot{u}$ lein purpura nephritis. <i>Clinical Biochemistry</i> , <b>2013</b> , 46, 591-7	3.5	26
146	The relationship between the iron isotopic composition of human whole blood and iron status parameters. <i>Metallomics</i> , <b>2013</b> , 5, 1503-9	4.5	30
145	Non-oxidative ethanol metabolites as a measure of alcohol intake. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 322-96.2		51
144	Unanswered questions in including HDL-cholesterol in the cardiovascular risk estimation. Is time still on our side?. <i>Atherosclerosis</i> , <b>2013</b> , 226, 296-8	3.1	5

143	Microheterogeneity of serum Hexosaminidase in chronic alcohol abusers in a driver's license regranting program. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2013</b> , 37, 1264-70	3.7	5
142	Interpretation of hemolysis tests following administration of a second-generation hemoglobin-based oxygen carrier. <i>Acta Clinica Belgica</i> , <b>2013</b> , 68, 282-6	1.8	5
141	Agglutination of intravenously administered phosphatidylcholine-containing lipid emulsions with serum C-reactive protein. <i>Nutrition in Clinical Practice</i> , <b>2013</b> , 28, 253-9	3.6	3
140	Interchangeability of venous and capillary HbA(1c) results is affected by oxidative stress. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, e9-11	5.9	1
139	α <sub>2</sub> -Microglobulin/albumin ratio may improve interpretation of albuminuria in statin-treated patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 1529-34	5.9	1
138	Influence of physical properties of cuvette surface on measurement of serum lipase. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 2109-14	5.9	4
137	Preanalytical quality improvement: in quality we trust. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 229-41	5.9	124
136	Immunonephelometric carbohydrate-deficient transferrin results and transferrin variants. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 997-8	5.5	5
135	Genetic aspects of scurvy and the European famine of 1845-1848. <i>Nutrients</i> , <b>2013</b> , 5, 3582-8	6.7	9
134	CE analysis of IgG mobility and potential clinical utility. <i>Methods in Molecular Biology</i> , <b>2013</b> , 919, 249-57	1.4	1
133	Human complement factor 3 polymorphism determination by capillary electrophoresis of serum. <i>Electrophoresis</i> , <b>2012</b> , 33, 440-4	3.6	1
132	Glycosylation of prostate specific antigen and its potential diagnostic applications. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1500-5	6.2	67
131	Tumor necrosis factor receptors: biology and therapeutic potential in kidney diseases. <i>American Journal of Nephrology</i> , <b>2012</b> , 36, 261-70	4.6	74
130	Mesothelin levels in urine are affected by glomerular leakage and tubular reabsorption. <i>Clinical Lung Cancer</i> , <b>2012</b> , 13, 470-4	4.9	2
129	N-glycan based biomarker distinguishing non-alcoholic steatohepatitis from steatosis independently of fibrosis. <i>Digestive and Liver Disease</i> , <b>2012</b> , 44, 315-22	3.3	29
128	DNA methylation-based biomarkers in serum of patients with breast cancer. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2012</b> , 751, 304-325	7	50
127	Ferroportin (SLC40A1) Q248H mutation is associated with lower circulating serum hepcidin levels in Rwandese HIV-positive women. <i>Annals of Hematology</i> , <b>2012</b> , 91, 911-6	3	15
126	The haptoglobin phenotype influences the risk of cutaneous squamous cell carcinoma in kidney transplant patients. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2012</b> , 26, 566-71	4.6	10

125	Human plasma protein polymorphisms and the persistence of cultural diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E2914	11.5	4
124	Commentary. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 1519	5.5	
123	A sensitive quantitative test strip based point-of-care albuminuria screening assay. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2012</b> , 50, 673-8	5.9	10
122	Compensating for the influence of total serum protein in the Schwartz formula. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2012</b> , 50, 1597-600	5.9	10
121	Carbohydrate deficient transferrin in a driver's license regranting program. <i>Alcohol and Alcoholism</i> , <b>2012</b> , 47, 253-60	3.5	27
120	The effect of clinical covariates on the diagnostic and prognostic value of soluble mesothelin and megakaryocyte potentiating factor. <i>Chest</i> , <b>2012</b> , 141, 477-484	5.3	37
119	Mechanisms & recovery of vitamin A deficiency. <i>Acta Ophthalmologica</i> , <b>2012</b> , 90, 0-0	3.7	
118	Immunochemically unreactive albumin in urine: fiction or reality?. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2011</b> , 48, 87-96	9.4	9
117	Haptoglobin polymorphism: a key factor in the proatherogenic role of B cells?. <i>Atherosclerosis</i> , <b>2011</b> , 217, 80-2	3.1	11
116	Serial measurements of mesothelioma serum biomarkers in asbestos-exposed individuals: a prospective longitudinal cohort study. <i>Journal of Thoracic Oncology</i> , <b>2011</b> , 6, 889-95	8.9	30
115	Soluble mesothelin, megakaryocyte potentiating factor, and osteopontin as markers of patient response and outcome in mesothelioma. <i>Journal of Thoracic Oncology</i> , <b>2011</b> , 6, 1930-7	8.9	66
114	Association of haptoglobin phenotypes with the development of Kaposi's sarcoma in HIV patients. <i>Archives of Dermatological Research</i> , <b>2011</b> , 303, 763-9	3.3	7
113	Vitamin C deficiency: more than just a nutritional disorder. <i>Genes and Nutrition</i> , <b>2011</b> , 6, 341-6	4.3	21
112	Creatinine determination according to Jaffe-what does it stand for?. <i>CKJ: Clinical Kidney Journal</i> , <b>2011</b> , 4, 83-6	4.5	55
111	A functional turbidimetric method to determine C-reactive protein in horses. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2011</b> , 23, 308-11	1.5	8
110	Increased urinary neutrophil gelatinase associated lipocalin in urinary tract infections and leukocyturia. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2011</b> , 49, 999-1003	5.9	52
109	Phenotype of Gc-globulin influences the macrophage activating factor (MAF) levels in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2011</b> , 49, 1855-60	5.9	6
108	Focusing on the clinical impact of standardization of creatinine measurements: a report by the EFCC Working Group on Creatinine Standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2011</b> , 49, 977-82	5.9	33

107	The pre-analytical challenges of routine urinalysis. <i>Acta Clinica Belgica</i> , <b>2010</b> , 65, 182-9	1.8	20
106	Importance of the pre-analytical phase in blood glucose analysis. <i>Acta Clinica Belgica</i> , <b>2010</b> , 65, 311-8	1.8	15
105	An unusual case of (pseudo)hypertriglyceridaemia. <i>CKJ: Clinical Kidney Journal</i> , <b>2010</b> , 3, 570-2	4.5	5
104	Spuriously high HbA1c due to the presence of haemoglobin Raleigh: a case report and review of the literature. <i>Acta Clinica Belgica</i> , <b>2010</b> , 65, 336-40	1.8	4
103	Diagnostic value of the hemopexin N-glycan profile in hepatocellular carcinoma patients. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 823-31	5.5	64
102	Evolution of vitamin D binding protein concentration in sera from cardiac surgery patients is determined by triglyceridemia. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2010</b> , 48, 1345-50	5.9	7
101	Haptoglobin polymorphism and infection. <i>Advances in Clinical Chemistry</i> , <b>2010</b> , 50, 23-46	5.8	26
100	Investigation of the potential association of vitamin D binding protein with lipoproteins. <i>Annals of Clinical Biochemistry</i> , <b>2010</b> , 47, 143-50	2.2	35
99	Biological and clinical aspects of soluble transferrin receptor. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2010</b> , 47, 213-28	9.4	68
98	Impaired hemoglobin scavenging during an acute HIV-1 retroviral syndrome. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 521-3	6.2	13
97	High-throughput profiling of the serum N-glycome on capillary electrophoresis microfluidics systems: toward clinical implementation of GlycoHepatoTest. <i>Analytical Chemistry</i> , <b>2010</b> , 82, 7408-15	7.8	73
96	A rapid and simple assay to determine pegylated erythropoietin in human serum. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 800-3	3.7	8
95	Glycome profiling using modern glycomics technology: technical aspects and applications. <i>Biological Chemistry</i> , <b>2010</b> , 391, 149-161	4.5	56
94	Urinary beta-trace protein as a new renal tubular marker. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1241-3	5.5	12
93	Glomerular filtration rate is a confounder for the measurement of soluble mesothelin in serum. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1431-3	5.5	31
92	The haptoglobin phenotype is associated with the Epstein-Barr virus antibody titer. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 47, 826-8	5.9	5
91	Development of an affordable dye-stained microalbuminuria screening test. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 1485-90	4.3	7
90	GlycoFibroTest is a highly performant liver fibrosis biomarker derived from DNA sequencer-based serum protein glycomics. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 986-94	7.6	96

89	A new turbidimetric method for assaying serum C-reactive protein based on phosphocholine interaction. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 47, 1417-22	5.9	13
88	Analysis of gamma-globulin mobility on routine clinical CE equipment: exploring its molecular basis and potential clinical utility. <i>Electrophoresis</i> , <b>2009</b> , 30, 2617-23	3.6	12
87	Carbohydrate deficient transferrin and forensic medicine. <i>Clinica Chimica Acta</i> , <b>2009</b> , 406, 1-7	6.2	39
86	Detection of antibodies in cardiac autoimmunity. <i>Clinica Chimica Acta</i> , <b>2009</b> , 408, 114-22	6.2	10
85	How to estimate GFR in children. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 714-6	4.3	27
84	Analytical Interferences in Point-of-Care Testing Glucometers by Icodextrin and its Metabolites: An Overview. <i>Peritoneal Dialysis International</i> , <b>2009</b> , 29, 377-383	2.8	39
83	9. GFR - Where are We Now?. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , <b>2009</b> , 20, 67-72	2.4	
82	Transthyretin levels in the vitreous correlate with change in visual acuity after vitrectomy. <i>Acta Ophthalmologica</i> , <b>2009</b> , 87, 0-0	3.7	
81	Trueness verification of actual creatinine assays in the European market demonstrates a disappointing variability that needs substantial improvement. An international study in the framework of the EC4 creatinine standardization working group. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 1319-25	5.9	40
80	Evaluation of Sysmex UF-1000i for use in cerebrospinal fluid analysis. <i>Clinica Chimica Acta</i> , <b>2008</b> , 392, 30-3	6.2	31
79	Diagnosing and monitoring hepatocellular carcinoma with alpha-fetoprotein: new aspects and applications. <i>Clinica Chimica Acta</i> , <b>2008</b> , 395, 19-26	6.2	159
78	Vitamin D binding protein and the need for vitamin D in hemodialysis patients. <i>Journal of Renal Nutrition</i> , <b>2008</b> , 18, 400-7	3	8
77	Limits of preservation of samples for urine strip tests and particle counting. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 703-13	5.9	24
76	Vitamin D binding protein, a new nutritional marker in cystic fibrosis patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 365-70	5.9	31
75	Unusual serum electrophoresis pattern in a woman with pancreatic carcinoma. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1572-4; discussion 1574-5	5.5	4
74	Critical evaluation of connectivity-based point of care testing systems of glucose in a hospital environment. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2008</b> , 46, 1763-8	5.9	11
73	Macromolecular cystatin C can be a caveat for estimating glomerular filtration rate in biliary obstruction. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1257-9	5.5	1
72	Testing for recombinant human erythropoietin. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 395-6	3.7	6

71	How to establish glomerular filtration rate in children. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2008</b> , 241, 46-51	2	16
70	Testing for recombinant erythropoietin. <i>American Journal of Hematology</i> , <b>2008</b> , 83, 237-41	7.1	41
69	On the detection of newer Epo forms in serum and urine using isoelectric focusing. <i>American Journal of Hematology</i> , <b>2008</b> , 83, 754-755	7.1	4
68	Development and multicenter evaluation of the N latex CDT direct immunonephelometric assay for serum carbohydrate-deficient transferrin. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1115-21	5.5	66
67	Vitamin C deficiency and scurvy are not only a dietary problem but are codetermined by the haptoglobin polymorphism. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1397-400	5.5	34
66	New screening diagnostic techniques in urinalysis. <i>Acta Clinica Belgica</i> , <b>2007</b> , 62, 155-61	1.8	27
65	Diagnostic performance of combined specific urinary proteins and urinary flow cytometry in urinary tract pathology. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2007</b> , 45, 499-504	5.9	6
64	Perchloric acid treatment to stabilize uric acid concentrations in blood samples of patients receiving uric acid oxidase (rasburicase) therapy. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 369-70	5.5	7
63	Lowering methylation demand by creatine supplementation paradoxically decreases DNA methylation. <i>Molecular Genetics and Metabolism</i> , <b>2007</b> , 92, 283-4	3.7	5
62	The importance of standardization of creatinine in the implementation of guidelines and recommendations for CKD: implications for CKD management programmes. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 77-83	4.3	76
61	Comparison of triglyceride concentration with lipemic index in disorders of triglyceride and glycerol metabolism. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2006</b> , 44, 220-2	5.9	15
60	Serum vitamin C concentration is influenced by haptoglobin polymorphism and iron status in Chinese. <i>Clinica Chimica Acta</i> , <b>2006</b> , 365, 319-24	6.2	35
59	Biological and clinical aspects of the vitamin D binding protein (Gc-globulin) and its polymorphism. <i>Clinica Chimica Acta</i> , <b>2006</b> , 372, 33-42	6.2	359
58	Vitamin D binding protein, bone status and body composition in community-dwelling elderly men. <i>Bone</i> , <b>2006</b> , 38, 701-7	4.7	51
57	False-positive detection of recombinant human erythropoietin in urine following strenuous physical exercise. <i>Blood</i> , <b>2006</b> , 107, 4711-3	2.2	46
56	Icodextrin: a major problem for glucose dehydrogenase-based glucose point of care testing systems. <i>Acta Clinica Belgica</i> , <b>2006</b> , 61, 351-4	1.8	7
55	Serum free hemoglobin concentrations in healthy individuals are related to haptoglobin type. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 1754-5	5.5	35
54	Quantitative measurement of ketone bodies in urine using reflectometry. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2005</b> , 43, 724-9	5.9	8



53	Interference of dextran in biuret-type assays of serum proteins. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2005</b> , 43, 71-4	5.9	2
52	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. <i>Acta Clinica Belgica</i> , <b>2004</b> , 59, 263-73	1.8	52
51	Noninvasive diagnosis of liver cirrhosis using DNA sequencer-based total serum protein glycomics. <i>Nature Medicine</i> , <b>2004</b> , 10, 429-34	50.5	359
50	The impact of metrological traceability on the validity of creatinine measurement as an index of renal function. <i>Accreditation and Quality Assurance</i> , <b>2004</b> , 10, 15-19	0.7	2
49	Conflicting results between electrophoresis methods of serum M-proteins. <i>Electrophoresis</i> , <b>2004</b> , 25, 1548-50	3.6	11
48	Alpha 1-microglobulin: clinical laboratory aspects and applications. <i>Clinica Chimica Acta</i> , <b>2004</b> , 346, 107-182	82	95
47	Oxidized low-density lipoprotein, iron stores, and haptoglobin polymorphism. <i>Atherosclerosis</i> , <b>2004</b> , 176, 189-95	3.1	48
46	The effect of supplementation with an antioxidant preparation on LDL-oxidation is determined by haptoglobin polymorphism. <i>Redox Report</i> , <b>2003</b> , 8, 41-6	5.9	28
45	Reevaluation of formulas for predicting creatinine clearance in adults and children, using compensated creatinine methods. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 1011-4	5.5	62
44	Urinary plasma protein patterns in acute prostatitis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2003</b> , 41, 79-84	5.9	10
43	Effect of transferrin polymorphism on the metabolism of vitamin C in Zimbabwean adults. <i>American Journal of Clinical Nutrition</i> , <b>2002</b> , 75, 321-5	7	8
42	Haptoglobin polymorphism and body iron stores. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2002</b> , 40, 212-6	5.9	59
41	Discriminative value of serum amyloid A and other acute-phase proteins for coronary heart disease. <i>Atherosclerosis</i> , <b>2002</b> , 160, 471-6	3.1	49
40	Total iron binding capacity and transferrin concentration in the assessment of iron status. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2002</b> , 40, 1014-8	5.9	32
39	Flow cytometry as a new method to quantify the cellular content of human saliva and its relation to gingivitis. <i>Clinica Chimica Acta</i> , <b>2002</b> , 321, 35-41	6.2	40
38	Quantitative Evaluation of Urinalysis Test Strips. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 2236-2241	5.5	45
37	Quantitative evaluation of urinalysis test strips. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 2236-41	5.5	14
36	Serum vitamin C concentration is low in peripheral arterial disease and is associated with inflammation and severity of atherosclerosis. <i>Circulation</i> , <b>2001</b> , 103, 1863-8	16.7	133

35	Haptoglobin phenotype 2-2 overrepresentation in Cys282Tyr hemochromatotic patients. <i>Journal of Hepatology</i> , <b>2001</b> , 35, 707-11	13.4	59
34	Hemopexin: a review of biological aspects and the role in laboratory medicine. <i>Clinica Chimica Acta</i> , <b>2001</b> , 312, 13-23	6.2	189
33	Carbohydrate-deficient transferrin and chronic alcohol ingestion in subjects with transferrin CD-variants. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2001</b> , 39, 937-43	5.9	24
32	Determination of Carbohydrate-deficient Transferrin Using Capillary Zone Electrophoresis. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 247-255	5.5	51
31	Automated Flow Cytometric Analysis of Cerebrospinal Fluid. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 556-560	5.5	33
30	Impact of urinary tract infection and detrusor pressure on renal tubular function in patients with vesicoureteral reflux. <i>European Urology</i> , <b>2001</b> , 39, 337-42	10.2	5
29	Haptoglobin 1F allele frequency is high among indigenous populations in the state of Durango, Mexico. <i>Human Heredity</i> , <b>2000</b> , 50, 263-5	1.1	4
28	Pitfalls in the determination of common analytes in the critically ill. <i>Acta Clinica Belgica</i> , <b>2000</b> , 55, 4-8	1.8	4
27	Transferrin Polymorphism Influences Iron Status in Blacks. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 1535-1539	5.5	37
26	The Haptoglobin 2-2 Phenotype Affects Serum Markers of Iron Status in Healthy Males. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 1619-1625	5.5	76
25	A review on urinary proteins in outflow disease of the upper urinary tract. <i>Clinica Chimica Acta</i> , <b>2000</b> , 297, 183-9	6.2	10
24	The role of automated urine particle flow cytometry in clinical practice. <i>Clinica Chimica Acta</i> , <b>2000</b> , 301, 1-18	6.2	90
23	Fast determination of haptoglobin phenotype and calculation of hemoglobin binding capacity using high pressure gel permeation chromatography. <i>Clinica Chimica Acta</i> , <b>2000</b> , 291, 43-51	6.2	55
22	Falsely Increased Urinary Caffeine Attributable to Contamination by Urine Test Strips. <i>Clinical Chemistry</i> , <b>1999</b> , 45, 1315-1317	5.5	4
21	Automated Flow Cytometry Compared with an Automated Dipstick Reader for Urinalysis. <i>Clinical Chemistry</i> , <b>1999</b> , 45, 118-122	5.5	62
20	Diagnosis and localization of a complicated urinary tract infection in neurogenic bladder disease by tubular proteinuria and serum prostate specific antigen. <i>Spinal Cord</i> , <b>1998</b> , 36, 33-8	2.7	12
19	Urinary alpha 1-microglobulin detects uropathy. A prospective study in 483 urological patients. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>1998</b> , 36, 309-15	5.9	19
18	Combined use of urinary alpha1-microglobulin and 99mTc DMSA scintigraphy in the diagnosis and follow-up of acute pyelonephritis and cystitis in children. <i>European Urology</i> , <b>1998</b> , 34, 486-91	10.2	15

17	Haptoglobin polymorphism, iron metabolism and mortality in HIV infection. <i>Aids</i> , <b>1998</b> , 12, 1027-1032	3.5	87
16	Serum creatine kinase activity is not a reliable marker for muscle damage in conditions associated with low extracellular glutathione concentration. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 939-943	5.5	42
15	Multicenter evaluation of a homogeneous assay for HDL-cholesterol without sample pretreatment. <i>Clinical Chemistry</i> , <b>1997</b> , 43, 1622-1629	5.5	71
14	Mutations and phenotype in isolated glycerol kinase deficiency. <i>American Journal of Human Genetics</i> , <b>1996</b> , 58, 1205-11	11	26
13	MN blood group, a genetic marker for essential arterial hypertension in young adults. <i>European Heart Journal</i> , <b>1995</b> , 16, 1269-76	9.5	5
12	Acquired Hypolipoproteinemia. <i>Clinical Chemistry</i> , <b>1992</b> , 38, 776-781	5.5	2
11	Humoral immune response against contractile proteins (actin and myosin) during cardiovascular disease. <i>European Heart Journal</i> , <b>1991</b> , 12 Suppl D, 88-94	9.5	78
10	Low serum creatine kinase in patients with infective endocarditis. <i>Clinica Chimica Acta</i> , <b>1991</b> , 197, 117-226.2		3
9	Post-transcriptional modification of serum creatine kinase in infected intensive care patients. <i>Clinica Chimica Acta</i> , <b>1990</b> , 187, 115-24	6.2	7
8	Activation energy and lectin affinity chromatography of gamma-glutamyltransferase as a marker for enzyme heterogeneity. <i>Clinical Biochemistry</i> , <b>1989</b> , 22, 115-9	3.5	8
7	Measurement of proteins with the Behring Nephelometer. A multicentre evaluation. <i>Journal of Clinical Chemistry and Clinical Biochemistry Zeitschrift Für Klinische Chemie Und Klinische Biochemie</i> , <b>1989</b> , 27, 261-76		12
6	New ELISA methods for the determination of antibodies against collagen type I, III and IV. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , <b>1988</b> , 330, 349-349		
5	Enzymatic creatine determination as early marker for myocardial infarction diagnosis. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , <b>1988</b> , 330, 366-367		3
4	Measurement of activation energy of gamma-glutamyltransferase as a marker for enzyme heterogeneity. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>1988</b> , 26, 271-6	5.9	
3	Significance of low creatine kinase in intensive-care patients.. <i>Clinical Chemistry</i> , <b>1986</b> , 32, 713-714	5.5	8
2	Third Eular Workshop on Rheumatology Research. <i>Clinical Rheumatology</i> , <b>1983</b> , 2, 81-106	3.9	
1	Differential methylation as a mediator of COVID-19 susceptibility		1