Marijn M Speeckaert

List of Publications by Year
in descending order

137 papers	3,530 citations	185998 28 h-index	155451 55 g-index
137 all docs	137 docs citations	137 times ranked	5899 citing authors

#	Article	IF	Citations
1	Occlusion and hydration of scars: moisturizers versus silicone gels. Burns, 2023, 49, 365-379.	1.1	7
2	Vitamin D binding protein: A polymorphic protein with actin-binding capacity in COVID-19. Nutrition, 2022, 97, 111347.	1.1	1
3	Influence of the vitamin D binding protein polymorphisms on the relationship between vitamin D status and the severity of COVID-19 in pregnant women. Journal of Maternal-Fetal and Neonatal Medicine, 2022, , 1-2.	0.7	0
4	The Role of Vitamin D in Diabetic Nephropathy: A Translational Approach. International Journal of Molecular Sciences, 2022, 23, 807.	1.8	14
5	Labile glycated hemoglobin: an underestimated laboratory marker of short term glycemia. Clinical Chemistry and Laboratory Medicine, 2022, 60, 451-455.	1.4	6
6	Host polymorphisms and COVID-19 infection. Advances in Clinical Chemistry, 2022, 107, 41-77.	1.8	9
7	The use of fluid silicone gels in the prevention and treatment of hypertrophic scars: a systematic review and meta-analysis. Burns, 2022, 48, 491-509.	1.1	10
8	Commentary: Serum Vitamin D Levels Are Associated With Increased COVID-19 Severity and Mortality Independent of Whole-Body and Visceral Adiposity. Frontiers in Nutrition, 2022, 9, 885204.	1.6	0
9	Commentary: Is There a Crucial Link Between Vitamin D Status and Inflammatory Response in Patients With COVID-19?. Frontiers in Immunology, 2022, 13, 875973.	2.2	1
10	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
11	The delicate relation between melanocytes and skin immunity: A game of hide and seek. Pigment Cell and Melanoma Research, 2022, 35, 392-407.	1.5	6
12	Dietary Advanced Glycation End Products in an Elderly Population with Diabetic Nephropathy: An Exploratory Investigation. Nutrients, 2022, 14, 1818.	1.7	6
13	COVID-19 related mortality and religious denomination vs. genetics. Clinical Chemistry and Laboratory Medicine, 2022, 60, e157-e158.	1.4	0
14	Urinary Epidermal Growth Factor: A Promising â€œNext Generationâ€•Biomarker in Kidney Disease. American Journal of Nephrology, 2022, 53, 372-387.	1.4	10
15	Association of Vitamin D Status and COVID-19-Related Hospitalization and Mortality. Journal of General Internal Medicine, 2022, , .	1.3	0
16	The Meaning and Reliability of Minimal Important Differences (MIDs) for Clinician-Reported Outcome Measures (ClinROMs) in Dermatologyâ€”A Scoping Review. Journal of Personalized Medicine, 2022, 12, 1167.	1.1	2
17	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
18	Recent evolutions of machine learning applications in clinical laboratory medicine. Critical Reviews in Clinical Laboratory Sciences, 2021, 58, 131-152.	2.7	26

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19	The influence of the genetic background of the host on vitamin D deficiency in children with COVIDâ€19. Pediatric Pulmonology, 2021, 56, 1259-1260.	1.0	0
20	Vitamin D binding protein polymorphism and COVIDâ€19. Journal of Medical Virology, 2021, 93, 705-707.	2.5	31
21	Genetic Polymorphisms in the Host and COVID-19 Infection. Advances in Experimental Medicine and Biology, 2021, 1318, 109-118.	0.8	19
22	Importance of the Lipid-Bound Character of Vitamin D Binding Protein in the Evaluation of Vitamin D Status in COVID-19 Patients. American Journal of Clinical Pathology, 2021, 155, 766-767.	0.4	2
23	Genetic polymorphisms, vitamin D binding protein and vitamin D deficiency in COVID-19. European Respiratory Journal, 2021, 57, 2004638.	3.1	5
24	Iodine containing contrast media and urinary flow cytometry: an unknown interference in automated urine sediment analysis. Clinical Chemistry and Laboratory Medicine, 2021, 59, e335-e337.	1.4	4
25	A key role for vitamin D binding protein in COVID-19?. European Journal of Nutrition, 2021, 60, 2259-2260.	1.8	3
26	Vitamin D binding protein and endothelial injury after hematopoietic stem cell transplantation: an actin scavenger with a lipid-bound character. Haematologica, 2021, 106, 923.	1.7	0
27	Vitamin D and Vitamin D binding protein: the inseparable duo in COVID-19. Journal of Endocrinological Investigation, 2021, 44, 2323-2324.	1.8	3
28	A Potential Role for Fructosamine-3-Kinase in Cataract Treatment. International Journal of Molecular Sciences, 2021, 22, 3841.	1.8	10
29	Vitamin D binding protein: A key regulator of vitamin D deficiency among patients with pneumonia. Clinical Nutrition, 2021, 40, 2491-2492.	2.3	0
30	The biologic importance of the vitamin D binding protein polymorphism in pediatric COVID-19 patients. European Journal of Pediatrics, 2021, 180, 2707-2708.	1.3	0
31	MO460ASSOCIATION BETWEEN CARBAMYLATED ALBUMIN, GUT MICROBIOTA AND THEIR DERIVED METABOLITES IN CHRONIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2021, 36, .	0.4	0
32	Microhematuria: AUA/SUFU Guideline. Letter.. Journal of Urology, 2021, 205, 1848-1849.	0.2	1
33	Vitamin D Sufficiency and COVID-19: Is Vitamin D Binding Protein (and Its Polymorphism) the Missing Link?. Endocrine Practice, 2021, 27, 645.	1.1	10
34	Vaccinations in Patients Receiving Systemic Drugs for Skin Disorders: What Can We Learn for SARS-Cov-2 Vaccination Strategies?. Drugs in R and D, 2021, 21, 341-350.	1.1	10
35	C-Reactive Protein in Neonates and Risk for Autism Spectrum Disorder. Biological Psychiatry, 2021, 90, e63.	0.7	1
36	The potential significance of vitamin D binding protein polymorphism in COVID-19. International Journal of Infectious Diseases, 2021, 109, 90.	1.5	3

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37	Contribution of Vitamin Dâ€“Binding Protein Polymorphism to Susceptibility and Outcome of COVID-19 Patients. Journal of Nutrition, 2021, 151, 2498-2500.	1.3	0
38	Comment on â€œAn evidence-based guide to SARS-CoV-2 vaccination of patients on immunotherapies in dermatologyâ€. Journal of the American Academy of Dermatology, 2021, 85, e89-e90.	0.6	0
39	Letter to the Editor from Speeckaert et al: â€œVitamin D Deficiency Is Associated With Higher Hospitalization Risk from COVID-19: a Retrospective Case-control Studyâ€. Journal of Clinical Endocrinology and Metabolism, 2021, , .	1.8	0
40	Measured Glomerular Filtration Rate: The Query for a Workable Golden Standard Technique. Journal of Personalized Medicine, 2021, 11, 949.	1.1	13
41	Free p-cresyl sulfate shows the highest association with cardiovascular outcome in chronic kidney disease. Nephrology Dialysis Transplantation, 2021, 36, 998-1005.	0.4	32
42	ACE polymorphism is a determinant for COVID-19 mortality in the post-vaccination era. Clinical Chemistry and Laboratory Medicine, 2021, .	1.4	2
43	Evaluation of a turbidimetric C-reactive protein assay to monitor early-onset neonatal sepsis in South Kivu (Democratic Republic of the Congo). Clinical Chemistry and Laboratory Medicine, 2021, 59, 625-630.	1.4	2
44	A Tissue Section-Based Near-Infrared Spectroscopical Analysis of Salivary Gland Tumors. Cancers, 2021, 13, 5356.	1.7	1
45	Gut Microbiome Profiling Uncovers a Lower Abundance of Butyricicoccus in Advanced Stages of Chronic Kidney Disease. Journal of Personalized Medicine, 2021, 11, 1118.	1.1	11
46	Vitamin D binding protein and its polymorphisms may explain the link between vitamin D deficiency and COVID-19. Science Progress, 2021, 104, 003685042110535.	1.0	2
47	On the protein content of kidney stones: an explorative study. Acta Clinica Belgica, 2021, , 1-8.	0.5	1
48	ABO Blood Groups and Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2021, 72, e917-e917.	2.9	4
49	Gut Microbiota and Their Derived Metabolites, a Search for Potential Targets to Limit Accumulation of Protein-Bound Uremic Toxins in Chronic Kidney Disease. Toxins, 2021, 13, 809.	1.5	8
50	Renal tubular epithelial cells add value in the diagnosis of upper urinary tract pathology. Clinical Chemistry and Laboratory Medicine, 2020, 58, 597-604.	1.4	10
51	Potential underlying mechanisms of cerebral venous thrombosis associated with COVID-19. Journal of Neuroradiology, 2020, 47, 473-474.	0.6	8
52	The potential influence of human Y-chromosome haplogroup on COVID-19 prevalence and mortality. Annals of Oncology, 2020, 31, 1582-1584.	0.6	12
53	Standardized <scp>25â€Hydroxyvitamin</scp> D Measurements in Parkinson's Disease Patients With <scp>COVID</scp>â€19. Movement Disorders, 2020, 35, 1497-1497.	2.2	0
54	Fructosamine-3-Kinase as a Potential Treatment Option for Age-Related Macular Degeneration. Journal of Clinical Medicine, 2020, 9, 2869.	1.0	6

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55	A rare presentation of kidney failure in a patient with giant cell arteritis: case report and review of literature. Acta Clinica Belgica, 2020, 76, 1-4.	0.5	0
56	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
57	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
58	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
59	On the use of lymphocyte to neutrophil ratios in laboratory medicine. Clinica Chimica Acta, 2020, 510, 26-27.	0.5	3
60	L-index, more than a screening tool for hypertriglyceridemia. Clinical Chemistry and Laboratory Medicine, 2020, 58, e128-e129.	1.4	1
61	Gut microbiota generation of protein-bound uremic toxins and related metabolites is not altered at different stages of chronic kidney disease. Kidney International, 2020, 97, 1230-1242.	2.6	125
62	Urine test strips vs. pyrogallol red-molybdate assays for proteinuria: a critical approach. Clinical and Experimental Nephrology, 2020, 24, 489-490.	0.7	1
63	Early detection of diabetic kidney disease by urinary proteomics and subsequent intervention with spironolactone to delay progression (PRIORITY): a prospective observational study and embedded randomised placebo-controlled trial. Lancet Diabetes and Endocrinology,the, 2020, 8, 301-312.	5.5	166
64	How to assess renal function in patients with a neobladder. Clinica Chimica Acta, 2020, 504, 154.	0.5	1
65	UV Fluorescence-Based Determination of Urinary Advanced Glycation End Products in Patients with Chronic Kidney Disease. Diagnostics, 2020, 10, 34.	1.3	12
66	Carbamoylated Nail Proteins as Assessed by Near-Infrared Analysis Are Associated with Load of Uremic Toxins and Mortality in Hemodialysis Patients. Toxins, 2020, 12, 83.	1.5	4
67	COVID-19 infections are also affected by human ACE1 D/I polymorphism. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1125-1126.	1.4	95
68	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
69	ACE Ins/Del genetic polymorphism and epidemiological findings in COVID-19. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1129-1130.	1.4	11
70	Vitamin D binding protein in COVID-19. Clinical Medicine, 2020, 20, e136.2-e137.	0.8	4
71	Diabetes mellitus and laboratory medicine in sub-Saharan Africa: challenges and perspectives. Acta Clinica Belgica, 2019, 74, 137-142.	0.5	6
72	On the nature of toenail opacities in renal insufficiency. Clinical and Experimental Nephrology, 2019, 23, 146-147.	0.7	1

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73	Estimating the Level of Carbamoylated Plasma Non-High-Density Lipoproteins Using Infrared Spectroscopy. Journal of Clinical Medicine, 2019, 8, 774.	1.0	5
74	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
75	Albumin assays and clinical decision-making in nephrotic syndrome patients. Kidney International, 2019, 96, 248-249.	2.6	1
76	Multi-collector ICP-mass spectrometry reveals changes in the serum Mg isotopic composition in diabetes type I patients. Journal of Analytical Atomic Spectrometry, 2019, 34, 1514-1521.	1.6	18
77	Growth differentiation factor 15: A novel biomarker with high clinical potential. Critical Reviews in Clinical Laboratory Sciences, 2019, 56, 333-350.	2.7	58
78	Iron status as a confounder in the gender gap in survival under extreme conditions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4148-E4149.	3.3	1
79	Critical appraisal of the oxidative stress pathway in vitiligo: a systematic review and metaâ€analysis. Journal of the European Academy of Dermatology and Venereology, 2018, 32, 1089-1098.	1.3	62
80	Interference of glucose and total protein on Jaffe-based creatinine methods: mind the covolume. Clinical Chemistry and Laboratory Medicine, 2018, 56, e188-e189.	1.4	3
81	Applications of mid-infrared spectroscopy in the clinical laboratory setting. Critical Reviews in Clinical Laboratory Sciences, 2018, 55, 1-20.	2.7	96
82	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
83	Binding of bromocresol green and bromocresol purple to albumin in hemodialysis patients. Clinical Chemistry and Laboratory Medicine, 2018, 56, 436-440.	1.4	15
84	Ceftriaxone-induced immune hemolytic anemia as a life-threatening complication of antibiotic treatment of â€˜chronic Lyme diseaseâ€™. Acta Clinica Belgica, 2017, 72, 133-137.	0.5	18
85	The intriguing role of soluble urokinase receptor in inflammatory diseases. Critical Reviews in Clinical Laboratory Sciences, 2017, 54, 117-133.	2.7	63
86	Quantification of carbamylated albumin in serum based on capillary electrophoresis. Electrophoresis, 2017, 38, 2135-2140.	1.3	11
87	The role of interleukin-17A in the pathogenesis of kidney diseases. Pathology, 2017, 49, 247-258.	0.3	78
88	Infrared analysis of lipoproteins in the detection of alcohol biomarkers. Clinical Chemistry and Laboratory Medicine, 2017, 55, 876-881.	1.4	3
89	Mechanisms and consequences of carbamoylation. Nature Reviews Nephrology, 2017, 13, 580-593.	4.1	68
90	Whole blood Fe isotopic signature in a sub-Saharan African population. Metallomics, 2017, 9, 1142-1149.	1.0	11

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91	Sensitive albuminuria analysis using dye-binding based test strips. Clinica Chimica Acta, 2017, 471, 107-112.	0.5	23
92	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
93	Determination of iohexol and iothalamate in serum and urine by capillary electrophoresis. Electrophoresis, 2016, 37, 2363-2367.	1.3	5
94	Haptoglobin phenotype and Parkinson disease risk. Parkinsonism and Related Disorders, 2016, 22, 108-109.	1.1	6
95	The evolutionary adaptation of hemochromatosis associated mutations during the neolithic. American Journal of Physical Anthropology, 2016, 161, 530-531.	2.1	4
96	Detailed faecal fat analysis using Fourier transform infrared spectroscopy: Exploring the possibilities. Clinical Biochemistry, 2016, 49, 1283-1287.	0.8	5
97	Infrared spectroscopic imaging for interrogating the carbohydrate biochemistry of diabetic nephropathy progression. Kidney International, 2016, 90, 225-226.	2.6	2
98	The association between fructosamine-3 kinase 900C/G polymorphism, transferrin polymorphism and human herpesvirus-8 infection in diabetics living in South Kivu. Acta Tropica, 2016, 163, 14-19.	0.9	7
99	Preanalytics in urinalysis. Clinical Biochemistry, 2016, 49, 1346-1350.	0.8	37
100	The presence of fructosamine in human aortic valves is associated with valve stiffness. Journal of Clinical Pathology, 2016, 69, 772-776.	1.0	5
101	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
102	25-Hydroxyvitamin D in Patients With Cognitive Decline. JAMA Neurology, 2016, 73, 356.	4.5	2
103	Secukinumab: IL-17A inhibition to treat psoriatic arthritis. Drugs of Today, 2016, 52, 607.	0.7	8
104	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
105	Translational research and biomarkers in neonatal sepsis. Clinica Chimica Acta, 2015, 451, 46-64.	0.5	118
106	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
107	Why treatments do(n't) work in vitiligo: An autoinflammatory perspective. Autoimmunity Reviews, 2015, 14, 332-340.	2.5	57
108	Glycated nail proteins as a new biomarker in management of the South Kivu Congolese diabetics. Biochemia Medica, 2015, 25, 469-473.	1.2	5

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109	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
110	Letter to the Editor: The Underestimated Role of the Lipid-Bound Character of Vitamin D Binding Protein. Journal of Clinical Endocrinology and Metabolism, 2015, 100, L109-L110.	1.8	0
111	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
112	Preanalytical requirements of urinalysis. Biochemia Medica, 2014, 24, 89-104.	1.2	120
113	Vitamin D Binding Protein. Advances in Clinical Chemistry, 2014, 63, 1-57.	1.8	100
114	Peroxisome proliferator-activated receptor agonists in a battle against the aging kidney. Ageing Research Reviews, 2014, 14, 1-18.	5.0	11
115	Glycated nail proteins: a new approach for detecting diabetes in developing countries. Tropical Medicine and International Health, 2014, 19, 58-64.	1.0	23
116	Low serum creatine kinase activity is associated with worse outcome in critically ill patients. Journal of Critical Care, 2014, 29, 786-790.	1.0	7
117	Flow cytometry-based analysis by Sysmex-UF1000iÂ® is an alternative method in the assessment of periodontal inflammation. Clinica Chimica Acta, 2014, 436, 176-180.	0.5	4
118	Biology of Human Pentraxin 3 (PTX3) in Acute and Chronic Kidney Disease. Journal of Clinical Immunology, 2013, 33, 881-890.	2.0	40
119	Chronic nicotine exposure and acute kidney injury: new concepts and experimental evidence. Nephrology Dialysis Transplantation, 2013, 28, 1329-1331.	0.4	8
120	Fondaparinux as an alternative to vitamin K antagonists in haemodialysis patients. Nephrology Dialysis Transplantation, 2013, 28, 3090-3095.	0.4	9
121	Compensating for the influence of total serum protein in the Schwartz formula. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1597-600.	1.4	11
122	Tumor Necrosis Factor Receptors: Biology and Therapeutic Potential in Kidney Diseases. American Journal of Nephrology, 2012, 36, 261-270.	1.4	93
123	DNA methylation-based biomarkers in serum of patients with breast cancer. Mutation Research - Reviews in Mutation Research, 2012, 751, 304-325.	2.4	60
124	Immunochemically unreactive albumin in urine: fiction or reality?. Critical Reviews in Clinical Laboratory Sciences, 2011, 48, 87-96.	2.7	10
125	Value and pitfalls in iodine fortification and supplementation in the 21st century. British Journal of Nutrition, 2011, 106, 964-973.	1.2	15
126	Creatinine determination according to Jaffe--what does it stand for?. CKJ: Clinical Kidney Journal, 2011, 4, 83-86.	1.4	106

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127	An unusual case of (pseudo)hypertriglyceridaemia. CKJ: Clinical Kidney Journal, 2010, 3, 570-572.	1.4	6
128	Evolution of vitamin D binding protein concentration in sera from cardiac surgery patients is determined by triglyceridemia. Clinical Chemistry and Laboratory Medicine, 2010, 48, 1345-1350.	1.4	9
129	Investigation of the potential association of vitamin D binding protein with lipoproteins. Annals of Clinical Biochemistry, 2010, 47, 143-150.	0.8	50
130	Acute generalized exanthematous pustulosis: anÂoverview ofÂtheÂclinical, immunological andÂdiagnostic concepts. European Journal of Dermatology, 2010, 20, 425-433.	0.3	93
131	Biological and clinical aspects of soluble transferrin receptor. Critical Reviews in Clinical Laboratory Sciences, 2010, 47, 213-228.	2.7	85
132	Pelger-HuÃ«t Anomaly: A Critical Review of the Literature. Acta Haematologica, 2009, 121, 202-206.	0.7	28
133	Vitamin D Binding Protein and the Need for Vitamin D in Hemodialysis Patients. , 2008, 18, 400-407.		10
134	Vitamin D binding protein, a new nutritional marker in cystic fibrosis patients. Clinical Chemistry and Laboratory Medicine, 2008, 46, 365-70.	1.4	39
135	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
136	Commentary: Vitamin D Status in Relation to the Clinical Outcome of Hospitalized COVID-19 Patients. Frontiers in Medicine, 0, 9, .	1.2	3
137	Shunt Nephritis: A Case of Mistaken Identity. Acta Clinica Belgica, 0, , 1-6.	0.5	0