Katrien Devreese

List of Publications by Citations

123 papers	2,520 citations	30 h-index	45 g-index
132 ext. papers	3,235 ext. citations	7.3 avg, IF	5.93 L-index

#	Paper	IF	Citations
123	Antiphospholipid syndrome. *Nature Reviews Disease Primers*, **2018**, 4, 17103	51.1	128
122	Testing for antiphospholipid antibodies with solid phase assays: guidance from the SSC of the ISTH. *Journal of Thrombosis and Haemostasis*, **2014**, 12, 792-5	15.4	118
121	Laboratory criteria for antiphospholipid syndrome: communication from the SSC of the ISTH. *Journal of Thrombosis and Haemostasis*, **2018**, 16, 809-813	15.4	114
120	Antiphospholipid antibodies in patients with COVID-19: A relevant observation?. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 2191-2201	15.4	87
119	Lupus Anticoagulant (LAC) testing in patients with inflammatory status: does C-reactive protein interfere with LAC test results?. *Thrombosis Research*, **2010**, 125, 102-4	8.2	77
118	Laboratory diagnosis of the antiphospholipid syndrome: a plethora of obstacles to overcome. *European Journal of Haematology*, **2009**, 83, 1-16	3.8	71
117	Thrombotic risk assessment in the antiphospholipid syndrome requires more than the quantification of lupus anticoagulants. *Blood*, **2010**, 115, 870-8	2.2	63
116	Challenges in the diagnosis of the antiphospholipid syndrome. *Clinical Chemistry*, **2010**, 56, 930-40	5.5	61
115	Influence of dabigatran and rivaroxaban on routine coagulation assays. A nationwide Belgian survey. *Thrombosis and Haemostasis*, **2015**, 113, 154-64	7	60
114	Standardization of antiphospholipid antibody assays. Where do we stand?. *Lupus*, **2012**, 21, 718-21	2.6	60
113	Reference intervals for a complete blood count determined on different automated haematology analysers: Abx Pentra 120 Retic, Coulter Gen-S, Sysmex SE 9500, Abbott Cell Dyn 4000 and Bayer Advia 120. *Clinical Chemistry and Laboratory Medicine*, **2002**, 40, 69-73	5.9	59
112	Antiphospholipid antibody testing and standardization. *International Journal of Laboratory Hematology*, **2014**, 36, 352-63	2.5	58
111	Hemocompatibility of siRNA loaded dextran nanogels. *Biomaterials*, **2011**, 32, 9120-7	15.6	58
110	Guidance from the Scientific and Standardization Committee for lupus anticoagulant/antiphospholipid antibodies of the International Society on Thrombosis and Haemostasis: Update of the guidelines for lupus anticoagulant detection and interpretation. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 2828-2839	15.4	57
109	Role of anti-domain 1-Ⅱ glycoprotein I antibodies in the diagnosis and risk stratification of antiphospholipid syndrome. *Journal of Thrombosis and Haemostasis*, **2016**, 14, 1779-87	15.4	54
108	A clinical-laboratory approach contributing to a rapid and reliable diagnosis of heparin-induced thrombocytopenia. *Thrombosis Research*, **2008**, 123, 137-45	8.2	51
107	Thrombin generation in plasma of healthy adults and children: Chromogenic versus fluorogenic thrombogram analysis. *Thrombosis and Haemostasis*, **2007**, 98, 600-613	7	45

106	Lupus anticoagulant-hypoprothrombinemia syndrome: report of two cases and review of the literature. *Lupus*, **2015**, 24, 736-45	2.6	44
105	HIBISCUS: Hydroxychloroquine for the secondary prevention of thrombotic and obstetrical events in primary antiphospholipid syndrome. *Autoimmunity Reviews*, **2018**, 17, 1153-1168	13.6	43
104	Evaluation of a new set of automated chemiluminescense assays for anticardiolipin and anti-beta2-glycoprotein I antibodies in the laboratory diagnosis of the antiphospholipid syndrome. *Thrombosis Research*, **2011**, 128, 565-9	8.2	40
103	Lupus anticoagulant detection in anticoagulated patients. Guidance from the Scientific and Standardization Committee for lupus anticoagulant/antiphospholipid antibodies of the International Society on Thrombosis and Haemostasis. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 1569-1575	15.4	38
102	Antiphospholipid antibodies: evaluation of the thrombotic risk. *Thrombosis Research*, **2012**, 130 Suppl 1, S37-40	8.2	37
101	Automated indirect immunofluorescence antinuclear antibody analysis is a standardized alternative for visual microscope interpretation. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 1771-9	5.9	37
100	Laboratory detection of the antiphospholipid syndrome via calibrated automated thrombography. *Thrombosis and Haemostasis*, **2009**, 101, 185-196	7	35
99	Performance of two new, automated chemiluminescence assay panels for anticardiolipin and anti-beta2-glycoprotein I antibodies in the laboratory diagnosis of the antiphospholipid syndrome. *International Journal of Laboratory Hematology*, **2012**, 34, 630-40	2.5	34
98	Identification of high thrombotic risk triple-positive antiphospholipid syndrome patients is dependent on anti-cardiolipin and anti-β2glycoprotein I antibody detection assays. *Journal of Thrombosis and Haemostasis*, **2018**, 16, 2016-2023	15.4	32
97	Mixing studies in lupus anticoagulant testing are required at least in some type of samples. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 1475-8	15.4	32
96	No more mixing tests required for integrated assay systems in the laboratory diagnosis of lupus anticoagulants?. *Journal of Thrombosis and Haemostasis*, **2010**, 8, 1120-2	15.4	30
95	Use of direct oral anticoagulants in patients with thrombotic antiphospholipid syndrome: Guidance from the Scientific and Standardization Committee of the International Society on Thrombosis and Haemostasis. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 2126-2137	15.4	30
94	Interpretation of normal plasma mixing studies in the laboratory diagnosis of lupus anticoagulants. *Thrombosis Research*, **2007**, 119, 369-76	8.2	29
93	Optimization and diagnostic performance of a single multiparameter lineblot in the serological workup of systemic sclerosis. *Journal of Immunological Methods*, **2012**, 379, 53-60	2.5	27
92	Validation of a new panel of automated chemiluminescence assays for von Willebrand factor antigen and activity in the screening for von Willebrand disease. *International Journal of Laboratory Hematology*, **2013**, 35, 555-65	2.5	25
91	Comparison of a new automated von Willebrand factor activity assay with an aggregation von Willebrand ristocetin cofactor activity assay for the diagnosis of von Willebrand disease. *Blood Coagulation and Fibrinolysis*, **2006**, 17, 353-8	1	25
90	Is there an association between complement activation and antiphospholipid antibody-related thrombosis?. *Thrombosis and Haemostasis*, **2010**, 104, 1279-81	7	23
89	Acquired hemophilia: a case report and review of the literature. *International Journal of Laboratory Hematology*, **2014**, 36, 398-407	2.5	22

88	Anticardiolipin and anti-β2glycoprotein-I antibody cut-off values in the diagnosis of antiphospholipid syndrome: more than calculating the in-house 99th percentiles, even for new automated assays. *Thrombosis Research*, **2011**, 128, 598-600	8.2	22
87	The (non-)sense of detecting anti-cardiolipin and anti-β2glycoprotein I IgM antibodies in the antiphospholipid syndrome. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 169-179	15.4	22
86	Dilute Russell's viper venom time reagents in lupus anticoagulant testing: a well-considered choice. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, 91-101	5.9	21
85	Comparison between manufacturing sites shows differential adhesion, activation, and GPIbβ expression of cryopreserved platelets. *Transfusion*, **2018**, 58, 2645-2656	2.9	20
84	Paired analysis of plasma proteins and coagulant capacity after treatment with three methods of pathogen reduction. *Transfusion*, **2014**, 54, 1321-31	2.9	17
83	Diagnostic test combinations associated with thrombosis in lupus anticoagulant positive patients. *Thrombosis and Haemostasis*, **2011**, 105, 736-8	7	17
82	Towards standardization of thrombin generation assays: Inventory of thrombin generation methods based on results of an International Society of Thrombosis and Haemostasis Scientific Standardization Committee survey. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 1893-1899	15.4	17
81	Differences in lupus anticoagulant final conclusion through clotting time or Rosner index for mixing test interpretation. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, 1511-6	5.9	16
80	Clinical and laboratory practice for lupus anticoagulant testing: An International Society of Thrombosis and Haemostasis Scientific and Standardization Committee survey. *Journal of Thrombosis and Haemostasis*, **2019**, 17, 1715-1732	15.4	16
79	A multicenter study to assess the reproducibility of antiphospholipid antibody results produced by an automated system. *Journal of Thrombosis and Haemostasis*, **2017**, 15, 91-95	15.4	16
78	Direct oral anticoagulant adsorption: Impact on lupus anticoagulant testing-Review of the literature and evaluation on spiked and patient samples. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 2003-2017	15.4	16
77	Interference of C-reactive protein with clotting times. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, e141-5	5.9	15
76	The importance of detecting anti-DFS70 in routine clinical practice: comparison of different care settings. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, 1090-1099	5.9	15
75	Primary antiphospholipid syndrome and antiphospholipid syndrome associated to systemic lupus: Are they different entities?. *Autoimmunity Reviews*, **2018**, 17, 739-745	13.6	15
74	Detection of Anti-Cardiolipin and Anti-β2glycoprotein I Antibodies Differs between Platforms without Influence on Association with Clinical Symptoms. *Thrombosis and Haemostasis*, **2019**, 119, 797-806	7	15
73	A functional coagulation test to identify anti-beta2-glycoprotein I dependent lupus anticoagulants. *Thrombosis Research*, **2007**, 119, 753-9	8.2	14
72	The effect of unfractionated heparin, enoxaparin, and danaparoid on lupus anticoagulant testing: Can activated carbon eliminate false-positive results?. *Research and Practice in Thrombosis and Haemostasis*, **2020**, 4, 161-168	5.1	14
71	The clinical value of assays detecting antibodies against domain I of β2-glycoprotein I in the antiphospholipid syndrome. *Autoimmunity Reviews*, **2018**, 17, 1210-1218	13.6	14

70	In utero exposure to Azathioprine in autoimmune disease. Where do we stand?. *Autoimmunity Reviews*, **2020**, 19, 102525	13.6	13
69	Pre-analytical stability of coagulation parameters in plasma stored at room temperature. *International Journal of Laboratory Hematology*, **2018**, 40, 292-303	2.5	13
68	Development of a New International Antiphospholipid Syndrome Classification Criteria Phase I/II Report: Generation and Reduction of Candidate Criteria. *Arthritis Care and Research*, **2021**, 73, 1490-1501	4.7	13
67	How to Interpret Antiphospholipid Laboratory Tests. *Current Rheumatology Reports*, **2020**, 22, 38	4.9	12
66	Influence of anticardiolipin and anti-β2 glycoprotein I antibody cutoff values on antiphospholipid syndrome classification. *Research and Practice in Thrombosis and Haemostasis*, **2019**, 3, 515-527	5.1	12
65	Where and When To Inject Low Molecular Weight Heparin in Hemodiafiltration? A Cross Over Randomised Trial. *PLoS ONE*, **2015**, 10, e0128634	3.7	12
64	Automated indirect immunofluorescence microscopy enables the implementation of a quantitative internal quality control system for anti-nuclear antibody (ANA) analysis. *Clinical Chemistry and Laboratory Medicine*, **2014**, 52, 989-98	5.9	12
63	Isolated acquired factor VII deficiency: review of the literature. *Acta Clinica Belgica*, **2016**, 71, 63-70	1.8	12
62	Interference of DOAC stop and DOAC remove in the thrombin generation assay and coagulation assays. *Thrombosis Research*, **2020**, 192, 96-99	8.2	11
61	Testing for antiphospholipid antibodies: Advances and best practices. *International Journal of Laboratory Hematology*, **2020**, 42 Suppl 1, 49-58	2.5	11
60	Thrombomodulin and Endothelial Dysfunction: A Disease-Modifier Shared between Malignant Hypertension and Atypical Hemolytic Uremic Syndrome. *Nephron*, **2018**, 140, 63-73	3.3	11
59	Is There an Additional Value in Detecting Anticardiolipin and Anti-β2 glycoprotein I IgA Antibodies in the Antiphospholipid Syndrome?. *Thrombosis and Haemostasis*, **2020**, 120, 1557-1568	7	11
58	Proteomic analysis in giant axonal neuropathy: new insights into disease mechanisms. *Muscle and Nerve*, **2012**, 46, 246-56	3.4	10
57	COVID-19-related laboratory coagulation findings. *International Journal of Laboratory Hematology*, **2021**, 43 Suppl 1, 36-42	2.5	10
56	The integration of the detection of systemic sclerosis-associated antibodies in a routine laboratory setting: comparison of different strategies. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 2151-60	5.9	9
55	Evaluation of three commercial ELISA kits for anticardiolipin and anti-beta2-glycoprotein I antibodies in the laboratory diagnosis of the antiphospholipid syndrome. *International Journal of Laboratory Hematology*, **2011**, 33, 97-108	2.5	9
54	Evaluation of a new silica clotting time in the diagnosis of lupus anticoagulants. *Thrombosis Research*, **2007**, 120, 427-38	8.2	9
53	Clinical Relevance of Isolated Lupus Anticoagulant Positivity in Patients with Thrombotic Antiphospholipid Syndrome. *Thrombosis and Haemostasis*, **2021**, 121, 1220-1227	7	9

52	Laboratory criteria for antiphospholipid syndrome: reply. *Journal of Thrombosis and Haemostasis*, **2018**, 16, 2117-2119	15.4	8
51	Bedside monitoring of anticoagulation in chronic haemodialysis patients treated with tinzaparin. *Nephrology Dialysis Transplantation*, **2014**, 29, 1092-6	4.3	8
50	Factor V inhibitor: case report. *Blood Coagulation and Fibrinolysis*, **2006**, 17, 585-7	1	8
49	Detection of anti-domain I antibodies by chemiluminescence enables the identification of high-risk antiphospholipid syndrome patients: A multicenter multiplatform study. *Journal of Thrombosis and Haemostasis*, **2020**, 18, 463-478	15.4	8
48	A clinical-laboratory approach contributing to a rapid and reliable diagnosis of heparin-induced thrombocytopenia: An update. *Thrombosis Research*, **2009**, 124, 642-3	8.2	7
47	Evaluation of a new commercial dilute prothrombin time in the diagnosis of lupus anticoagulants. *Thrombosis Research*, **2008**, 123, 404-11	8.2	7
46	Thrombin generation in plasma of healthy adults and children: chromogenic versus fluorogenic thrombogram analysis. *Thrombosis and Haemostasis*, **2007**, 98, 600-13	7	7
45	Laboratory detection of the antiphospholipid syndrome via calibrated automated thrombography. *Thrombosis and Haemostasis*, **2009**, 101, 185-96	7	7
44	Evaluation of an automated algorithm for interpretation of lupus anticoagulant testing. *International Journal of Laboratory Hematology*, **2019**, 41, 412-417	2.5	6
43	Investigation of sensitivity for coagulation factor deficiency in APTT and PT: how to perform it?. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, e169-72	5.9	6
42	Fondaparinux as an alternative to vitamin K antagonists in haemodialysis patients. *Nephrology Dialysis Transplantation*, **2013**, 28, 3090-5	4.3	6
41	Recommendations for the measurement of thrombin generation: Communication from the ISTH SSC Subcommittee on Lupus Anticoagulant/Antiphospholipid Antibodies. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 1372-1378	15.4	6
40	Specific Antinuclear Antibody Level Changes after B Cell Depletion Therapy in Systemic Sclerosis Are Associated with Improvement of Skin Thickening. *Journal of Rheumatology*, **2016**, 43, 247-9	4.1	5
39	Performance of the preanalytical check module of the Stago STA R Max2 mechanical endpoint detection analyzer for assessing the impact of hemolysis, lipemia, and icterus on aPTT and PT. *International Journal of Laboratory Hematology*, **2018**, 40, e109-e112	2.5	5
38	Evaluation of the primary biliary cholangitis-related serologic profile in a large cohort of Belgian systemic sclerosis patients. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, 416-423	5.9	5
37	International multicenter, multiplatform study to validate Taipan snake venom time as a lupus anticoagulant screening test with ecarin time as the confirmatory test: Communication from the ISTH SSC Subcommittee on Lupus Anticoagulant/Antiphospholipid Antibodies. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 3177-3182	15.4	5
36	The impact of repeated freeze-thaw cycles on antiphospholipid antibody titer. *Research and Practice in Thrombosis and Haemostasis*, **2018**, 2, 366-369	5.1	4
35	Lymphoplasmacytic lymphoma exposed by haemoptysis and acquired von Willebrand syndrome. *Blood Coagulation and Fibrinolysis*, **2014**, 25, 395-7	1	4

34	Optimized alkylated cyclodextrin polysulphates with reduced risks on thromboembolic accidents improve osteoarthritic chondrocyte metabolism. *Rheumatology*, **2011**, 50, 1226-35	3.9	4
33	Antithrombotic prophylaxis for surgery-associated venous thromboembolism risk in patients with inherited platelet disorders. The SPATA-DVT Study. *Haematologica*, **2020**, 105, 1948-1956	6.6	3
32	A rapid test (STic Expert) for the diagnosis of heparin-induced thrombocytopenia. *British Journal of Haematology*, **2016**, 172, 464-5	4.5	3
31	Role of antiphospholipid antibodies in the diagnosis of antiphospholipid syndrome. *Journal of Translational Autoimmunity*, **2021**, 4, 100134	4.1	3
30	Thrombin generation measured by two platforms in patients with a bleeding tendency. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 1460-1471	15.4	3
29	Role of anti-domain 1- glycoprotein I antibodies in the diagnosis and risk stratification of antiphospholipid syndrome: reply. *Journal of Thrombosis and Haemostasis*, **2016**, 14, 2078-2080	15.4	3
28	Monitoring of anticoagulation in thrombotic antiphospholipid syndrome. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 892-908	15.4	3
27	Search for a practical approach for detection of clopidogrel resistance: Comparison of light transmission aggregometry and INNOVANCE PFA P2Y cartridge and correlation with CYP2C19 variants. *International Journal of Laboratory Hematology*, **2020**, 42, e189-e191	2.5	2
26	Flow cytometric analysis of platelet function to improve the recognition of thrombocytopathy. *Thrombosis Research*, **2020**, 194, 183-189	8.2	2
25	Evaluation of AggreGuide A-100 for monitoring of antiplatelet therapy. *International Journal of Laboratory Hematology*, **2018**, 40, e113-e116	2.5	2
24	Influence of platelet clumps on platelet function analyser (PFA)-200 testing. *International Journal of Laboratory Hematology*, **2015**, 37, e103-5	2.5	2
23	Evaluation of commercial normal pooled plasma used in the laboratory diagnosis of lupus anticoagulants. *Thrombosis Research*, **2010**, 126, 246-9	8.2	2
22	Is there evidence for persistent or transient positive lupus anticoagulants according to the degree of prolongation of clotting tests?. *Thrombosis Research*, **2008**, 122, 576-9	8.2	2
21	Evaluation of new commercial enzyme-linked immunosorbent assay kits in the laboratory diagnosis of antiphospholipid syndrome in view of the revised classification criteria of the antiphospholipid syndrome. *Blood Coagulation and Fibrinolysis*, **2006**, 17, 651-9	1	2
20	Clinical and Prognostic Significance of Non-criteria Antiphospholipid Antibody Tests **2017**, 171-187		2
19	Antiprothrombin antibodies induce platelet activation: A possible explanation for anti-FXa therapy failure in patients with antiphospholipid syndrome?. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 1776-1782	15.4	2
18	Measurement of factor VIII activity of efraloctocog alfa with commercially available one-stage clotting and chromogenic assays: Results from the Belgian national External Quality Assessment Scheme. *International Journal of Laboratory Hematology*, **2019**, 41, e20-e22	2.5	2
17	Laboratory testing for post ChAdOx1 nCOV-19 vaccination VITT: A challenge. Comment on: Recommendations for the clinical and laboratory diagnosis of VITT against COVID-19: Communication from the ISTH SSC Subcommittee on Platelet Immunology. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 2355-2357	15.4	2

16	Illustrated State-of-the-Art Capsules of the ISTH 2020 Congress. *Research and Practice in Thrombosis and Haemostasis*, **2020**, 4, 680-713	5.1	1
15	Is monitoring of antiplatelet therapy by light transmission aggregometry dependent on instrument and reagent used?. *International Journal of Laboratory Hematology*, **2021**, 43, 786-794	2.5	1
14	Deciphered coagulation profile to diagnose the antiphospholipid syndrome using artificial intelligence. *Thrombosis Research*, **2021**, 203, 142-151	8.2	1
13	Direct Oral Anticoagulant removal by a DOAC filter: Impact on lupus anticoagulant testing - Evaluation on spiked and patient samples.. *Research and Practice in Thrombosis and Haemostasis*, **2022**, 6, e12633	5.1	0
12	Active von Willebrand Factor in patients with a bleeding diathesis. *Thrombosis Update*, **2020**, 1, 100001	0.9	
11	Influence of vitamin K antagonist treatment on activated partial thromboplastin time. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, e47-50	5.9	
10	Lupus anticoagulant: case-based external quality assessment. *Journal of Clinical Pathology*, **2009**, 62, 731-4	3.9	
9	Flow cytometric analysis of platelet function to detect high on-treatment residual platelet reactivity in patients on dual antiplatelet therapy. *International Journal of Laboratory Hematology*, **2021**,	2.5	
8	Thrombin generation measured by two platforms in patients with a bleeding tendency: Reply. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 2899-2901	15.4	
7	Flow Cytometric Analysis of Platelet Function in Patients on Antiplatelet Therapy and Suspected Thrombocytopathy. *Blood*, **2018**, 132, 1161-1161	2.2	
6	The Isotype of Antiphospholipid Antibodies and Their Associated Risk on Thrombosis and Pregnancy Morbidity; What Are the Odds?. *Blood*, **2018**, 132, 1220-1220	2.2	
5	Autosomal dominant macrothrombocytopenia caused by a rare GPIBB variant: The importance of DNA sequencing. *International Journal of Laboratory Hematology*, **2020**, 42, e98-e100	2.5	
4	Evaluation of a commercial set of frozen plasmas for instrument-to-instrument comparability. *International Journal of Laboratory Hematology*, **2021**, 43, 1229-1236	2.5	
3	Purpura fulminans: How varicella zoster can result in acquired protein S deficiency. *International Journal of Laboratory Hematology*, **2021**, 43, 146-147	2.5	
2	Belgian rare diseases plan in clinical pathology: identification of key biochemical diagnostic tests and establishment of reference laboratories and financing conditions. *Orphanet Journal of Rare Diseases*, **2021**, 16, 89	4.2	
1	A patient with acquired factor X deficiency and metastatic transitional cell carcinoma of the bladder: is there a link between metastasis and factor deficiency in solid tumors?. *Annals of Hematology*, **2018**, 97, 545-546	3	