

Moniek P M De Maat

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,195
citations

186265

28
h-index

168389

53
g-index

115
all docs

115
docs citations

115
times ranked

5457
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. <i>Circulation</i> , 2010, 121, 1382-1392.	1.6	311
2	High von Willebrand Factor Levels Increase the Risk of First Ischemic Stroke. <i>Stroke</i> , 2006, 37, 2672-2677.	2.0	219
3	In vitro induction of NETosis: Comprehensive live imaging comparison and systematic review. <i>PLoS ONE</i> , 2017, 12, e0176472.	2.5	158
4	High von Willebrand Factor Levels Increase the Risk of Stroke. <i>Stroke</i> , 2010, 41, 2151-2156.	2.0	135
5	Low ADAMTS13 activity is associated with an increased risk of ischemic stroke. <i>Blood</i> , 2015, 126, 2739-2746.	1.4	125
6	Association of plasma fibrinogen levels with coronary artery disease, smoking and inflammatory markers. <i>Atherosclerosis</i> , 1996, 121, 185-191.	0.8	119
7	Von Willebrand factor and ADAMTS13 in arterial thrombosis: a systematic review and meta-analysis. <i>Blood Reviews</i> , 2014, 28, 167-178.	5.7	115
8	Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , 2019, 139, 620-635.	1.6	102
9	Genetic Influence on Inflammation Variables in the Elderly. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2168-2173.	2.4	96
10	Effects of Ambient Air Pollution on Hemostasis and Inflammation. <i>Environmental Health Perspectives</i> , 2009, 117, 995-1001.	6.0	90
11	Association of Novel Genetic Loci With Circulating Fibrinogen Levels. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 125-133.	5.1	86
12	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016, 25, 358-370.	2.9	73
13	Genetic determinants of treatment benefit of the angiotensin-converting enzyme-inhibitor perindopril in patients with stable coronary artery disease. <i>European Heart Journal</i> , 2010, 31, 1854-1864.	2.2	70
14	Fibrinogen \uparrow in Ischemic Stroke. <i>Stroke</i> , 2008, 39, 1033-1035.	2.0	62
15	Effects of Post-Translational Modifications of Fibrinogen on Clot Formation, Clot Structure, and Fibrinolysis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 554-569.	2.4	61
16	Von Willebrand Factor, ADAMTS13, and the Risk of Mortality. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2446-2451.	2.4	56
17	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. <i>Blood</i> , 2015, 126, e19-e29.	1.4	55
18	Hypercoagulability and Hypofibrinolysis and Risk of Deep Vein Thrombosis and Splanchnic Vein Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 485-493.	2.4	54

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19	Fibrinogen heterogeneity: inherited and noninherited. <i>Current Opinion in Hematology</i> , 2005, 12, 377-383.	2.5	49
20	Nuclear Receptor Nurr1 Is Expressed In and Is Associated With Human Restenosis and Inhibits Vascular Lesion Formation In Mice Involving Inhibition of Smooth Muscle Cell Proliferation and Inflammation. <i>Circulation</i> , 2010, 121, 2023-2032.	1.6	46
21	C-reactive protein as a risk factor versus risk marker. <i>Current Opinion in Lipidology</i> , 2004, 15, 651-657.	2.7	45
22	Biological Variation of Hemostasis Variables in Thrombosis and Bleeding: Consequences for Performance Specifications. <i>Clinical Chemistry</i> , 2016, 62, 1639-1646.	3.2	37
23	Prognostic Hemostasis Biomarkers in Acute Ischemic Stroke. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 360-372.	2.4	37
24	Comparison of thromboelastometry by ROTEM [®] Delta and ROTEM [®] Sigma in women with postpartum haemorrhage. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 32-38.	1.2	36
25	Von Willebrand factor in relation to coronary plaque characteristics and cardiovascular outcome. <i>Thrombosis and Haemostasis</i> , 2015, 113, 577-584.	3.4	35
26	Coagulation parameters during the course of severe postpartum hemorrhage: a nationwide retrospective cohort study. <i>Blood Advances</i> , 2018, 2, 2433-2442.	5.2	35
27	Relationship of Von Willebrand Factor with carotid artery and aortic arch calcification in ischemic stroke patients. <i>Atherosclerosis</i> , 2013, 230, 210-215.	0.8	34
28	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. <i>Blood</i> , 2019, 133, 967-977.	1.4	34
29	Elevated fibrinogen $\hat{\beta}^2$ ratio is associated with cardiovascular diseases and acute phase reaction but not with clinical outcome. <i>Blood</i> , 2009, 114, 4603-4604.	1.4	29
30	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017, 12, e0167742.	2.5	29
31	Staphylococcal Protein A Is a Key Factor in Neutrophil Extracellular Traps Formation. <i>Frontiers in Immunology</i> , 2018, 9, 165.	4.8	28
32	A Mendelian randomization of $\hat{\beta}^2$ and total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. <i>Blood</i> , 2020, 136, 3062-3069.	1.4	25
33	Genetic variants in the ADAMTS13 and SUPT3H genes are associated with ADAMTS13 activity. <i>Blood</i> , 2015, 125, 3949-3955.	1.4	24
34	Vitamin D receptor: a new risk marker for clinical restenosis after percutaneous coronary intervention. <i>Expert Opinion on Therapeutic Targets</i> , 2010, 14, 243-251.	3.4	23
35	Diet and haemostasis – A comprehensive overview. <i>Blood Reviews</i> , 2015, 29, 231-241.	5.7	23
36	von Willebrand Factor is elevated in HIV patients with a history of thrombosis. <i>Frontiers in Microbiology</i> , 2015, 6, 180.	3.5	23

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37	ADAMTS13 activity as a novel risk factor for incident type 2 diabetes mellitus: a population-based cohort study. <i>Diabetologia</i> , 2017, 60, 280-286.	6.3	23
38	β -tPA/total fibrinogen ratio is associated with short-term outcome in ischaemic stroke. <i>Thrombosis and Haemostasis</i> , 2011, 105, 430-434.	3.4	22
39	Performance Related Factors Are the Main Determinants of the von Willebrand Factor Response to Exhaustive Physical Exercise. <i>PLoS ONE</i> , 2014, 9, e91687.	2.5	22
40	During the Early Stages of <i>Staphylococcus aureus</i> Biofilm Formation, Induced Neutrophil Extracellular Traps Are Degraded by Autologous Thrombin. <i>Infection and Immunity</i> , 2019, 87, .	2.2	22
41	Biological variation in tPA-induced plasma clot lysis time. <i>Thrombosis and Haemostasis</i> , 2012, 108, 640-646.	3.4	20
42	Analytical variation in factor VIII one-stage and chromogenic assays: Experiences from the ECAT external quality assessment programme. <i>Haemophilia</i> , 2019, 25, 162-169.	2.1	20
43	Thyroid Function and Cardiovascular Disease: The Mediating Role of Coagulation Factors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3203-3212.	3.6	19
44	Circulating Myeloperoxidase (MPO)-DNA complexes as marker for Neutrophil Extracellular Traps (NETs) levels and the association with cardiovascular risk factors in the general population. <i>PLoS ONE</i> , 2021, 16, e0253698.	2.5	18
45	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. <i>PLoS ONE</i> , 2019, 14, e0216222.	2.5	17
46	FIBTEM clot firmness parameters correlate well with the fibrinogen concentration measured by the Clauss assay in patients and healthy subjects. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2020, 80, 600-605.	1.2	17
47	Individualized Angiotensin-Converting Enzyme (ACE) Inhibitor Therapy in Stable Coronary Artery Disease Based on Clinical and Pharmacogenetic Determinants: The PERindopril GENetic (PERGENE) Risk Model. <i>Journal of the American Heart Association</i> , 2016, 5, e002688.	3.7	16
48	Deciphering the coagulation profile through the dynamics of thrombin activity. <i>Scientific Reports</i> , 2020, 10, 12544.	3.3	16
49	Thrombophilia and Pre-Eclampsia. <i>Seminars in Thrombosis and Hemostasis</i> , 2011, 37, 106-110.	2.7	15
50	Rosuvastatin use increases plasma fibrinolytic potential: a randomised clinical trial. <i>British Journal of Haematology</i> , 2020, 190, 916-922.	2.5	15
51	Longitudinally Measured Fibrinolysis Factors are Strong Predictors of Clinical Outcome in Patients with Chronic Heart Failure: The Bio-SHIFT Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1947-1955.	3.4	14
52	Effects of Diabetes Mellitus on Fibrin Clot Structure and Mechanics in a Model of Acute Neutrophil Extracellular Traps (NETs) Formation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7107.	4.1	14
53	Clinical value of early viscoelastometric point-of-care testing during postpartum hemorrhage for the prediction of severity of bleeding: A multicenter prospective cohort study in the Netherlands. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2021, 100, 1656-1664.	2.8	14
54	Haplotypes of the <i>NR4A2/NURR1</i> gene and cardiovascular disease: The Rotterdam Study. <i>Human Mutation</i> , 2009, 30, 417-423.	2.5	13

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55	High-Resolution Imaging of Interaction Between Thrombus and Stent-Retriever in Patients With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	13
56	von Willebrand factor and factor VIII levels after desmopressin are associated with bleeding phenotype in type 1 VWD. <i>Blood Advances</i> , 2019, 3, 4147-4154.	5.2	12
57	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	3.8	12
58	Biomarker association with cardiovascular disease and mortality – The role of fibrinogen. A report from the NHANES study. <i>Thrombosis Research</i> , 2021, 198, 182-189.	1.7	11
59	International Council for Standardization in Haematology (ICSH) laboratory guidance for the verification of haemostasis analyser-reagent test systems. Part 2: Specialist tests and calibrated assays. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 907-916.	1.3	11
60	Endothelial Dysfunction, Atherosclerosis, and Increase of von Willebrand Factor and Factor VIII: A Randomized Controlled Trial in Swine. <i>Thrombosis and Haemostasis</i> , 2021, 121, 676-686.	3.4	11
61	Targeting Tyrosine Phosphatases by 3-Bromopyruvate Overcomes Hyperactivation of Platelets from Gastrointestinal Cancer Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 936.	2.4	10
62	International Council for Standardization in Haematology (ICSH) laboratory guidance for the evaluation of haemostasis analyser-reagent test systems. Part 1: Instrument-specific issues and commonly used coagulation screening tests. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 169-183.	1.3	9
63	Use of rotational thromboelastometry to predict hemostatic complications in pediatric patients undergoing extracorporeal membrane oxygenation: A retrospective cohort study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2021, 5, e12553.	2.3	9
64	Automated Fiber Diameter and Porosity Measurements of Plasma Clots in Scanning Electron Microscopy Images. <i>Biomolecules</i> , 2021, 11, 1536.	4.0	9
65	Clinical value of early assessment of hyperfibrinolysis by rotational thromboelastometry during postpartum hemorrhage for the prediction of severity of bleeding: A multicenter prospective cohort study in the Netherlands. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2022, 101, 145-152.	2.8	9
66	Quantification of emicizumab by mass spectrometry in plasma of people with hemophilia A: A method validation study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2022, 6, e12725.	2.3	9
67	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	2.5	8
68	Specific Effects of Fibrinogen and the β A and β 2-Chain Fibrinogen Variants on Angiogenesis and Wound Healing. <i>Tissue Engineering - Part A</i> , 2015, 21, 106-114.	3.1	8
69	International Society on Thrombosis and Haemostasis core curriculum project: Core competencies in laboratory thrombosis and hemostasis. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 1848-1859.	3.8	8
70	Performance of factor IX extended half-life product measurements in external quality control assessment programs. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1874-1883.	3.8	8
71	Common and Rare Variants Genetic Association Analysis of Circulating Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2021, 12, 615527.	4.8	8
72	Altered fibrin network structure and fibrinolysis in intensive care unit patients with COVID-19, not entirely explaining the increased risk of thrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1412-1420.	3.8	8

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73	Determination of sigma score based on biological variation for haemostasis assays: fit-for-purpose for daily practice?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1235-1241.	2.3	7
74	Outcome of Surgical Interventions and Deliveries in Patients with Bleeding of Unknown Cause: An Observational Study. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1409-1416.	3.4	7
75	Immunothrombosis and new-onset atrial fibrillation in the general population: the Rotterdam Study. <i>Clinical Research in Cardiology</i> , 2022, 111, 96-104.	3.3	7
76	Metabolic Background Determines the Importance of NOS3 Polymorphisms in Restenosis after Percutaneous Coronary Intervention: A Study in Patients with and without the Metabolic Syndrome. <i>Disease Markers</i> , 2009, 26, 75-83.	1.3	6
77	Thrombin generation is associated with ischemic stroke at a young age. <i>Thrombosis Research</i> , 2021, 202, 139-144.	1.7	6
78	Anti- PF4 testing for vaccine-induced immune thrombocytopenia and thrombosis (VITT): Results from a NEQAS, ECAT and SSC collaborative exercise in 385 centers worldwide. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1875-1879.	3.8	6
79	SYMPHONY consortium: Orchestrating personalized treatment for patients with bleeding disorders. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 2001-2011.	3.8	6
80	Estrogen receptor 1 haplotype does not regulate oral contraceptive-induced changes in haemostasis and inflammation risk factors for venous and arterial thrombosis. <i>Human Reproduction</i> , 2006, 21, 1473-1476.	0.9	5
81	System performance evaluation of the cobas t 711 and cobas t 511 coagulation analyzers in routine laboratory settings. <i>Blood Coagulation and Fibrinolysis</i> , 2020, 31, 459-468.	1.0	5
82	von Willebrand Factor and Factor VIII Clearance in Perioperative Hemophilia A Patients. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1056-1065.	3.4	5
83	The clinical effect of hemostatic resuscitation in traumatic hemorrhage; a before-after study. <i>Journal of Critical Care</i> , 2020, 56, 288-293.	2.2	5
84	Criteria for low von Willebrand factor diagnosis and risk score to predict future bleeding. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 719-731.	3.8	5
85	Von Willebrand Factor Multimer Densitometric Analysis: Validation of the Clinical Accuracy and Clinical Implications in Von Willebrand Disease. <i>HemaSphere</i> , 2021, 5, e542.	2.7	5
86	Association between plaque vulnerability and neutrophil extracellular traps (NETs) levels: The Plaque At RISK study. <i>PLoS ONE</i> , 2022, 17, e0269805.	2.5	5
87	Adherence to dabigatran etexilate in atrial fibrillation patients intended to undergo electrical cardioversion. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2019, 5, 91-99.	3.0	4
88	JAK2 Germline Genetic Variation In Budd-Chiari Syndrome and Portal Vein Thrombosis. <i>Blood</i> , 2010, 116, 4212-4212.	1.4	4
89	ADAMTS-13 and bleeding phenotype in von Willebrand disease. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2020, 4, 1331-1339.	2.3	3
90	Tailoring the effect of antithrombin-targeting therapy in haemophilia A using in silico thrombin generation. <i>Scientific Reports</i> , 2021, 11, 15572.	3.3	3

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91	Platelet-dependent signaling and Low Molecular Weight Protein Tyrosine Phosphatase expression promote aggressive phenotypic changes in gastrointestinal cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166280.	3.8	3
92	Impact of COVID-19 pandemic on the quality of test output in haemostasis laboratories. <i>International Journal of Laboratory Hematology</i> , 2022, 44, 407-413.	1.3	3
93	Does Fibrin Structure Contribute to the Increased Risk of Thrombosis in COVID-19 ICU Patients?. <i>Blood</i> , 2021, 138, 3208-3208.	1.4	3
94	Genetic variation in estrogen receptor, C-reactive protein and fibrinogen does not predict the plasma levels of inflammation markers after longterm hormone replacement therapy. <i>Thrombosis and Haemostasis</i> , 2007, 97, 234-9.	3.4	3
95	Interaction of von Willebrand factor with blood cells in flow models: a systematic review. <i>Blood Advances</i> , 2022, 6, 3979-3990.	5.2	3
96	Pitfalls in the diagnosis of hemophilia severity: What to do?. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26276.	1.5	2
97	Reductions in plasmin inhibitor and fibrinogen predict the improved fibrin clot lysis 6 months after obesity surgery. <i>Clinical Obesity</i> , 2020, 10, e12397.	2.0	2
98	Elevated Levels of Circulating Nucleosomes Are Not Associated with Venous Thrombosis or Neutrophil Activation in Patients with Multiple Myeloma. <i>Blood</i> , 2016, 128, 274-274.	1.4	2
99	Does difference between label and actual potency of factor VIII concentrate affect pharmacokinetic-guided dosing of replacement therapy in haemophilia A?. <i>Haemophilia</i> , 2022, , .	2.1	2
100	P13: Von Willebrand Factor and the Risk of Dementia: A Population-Based Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P404.	0.8	1
101	Prolonged Prothrombin Time After Discontinuing Vitamin K Antagonist. <i>Clinical Chemistry</i> , 2017, 63, 1442-1444.	3.2	1
102	Thrombophilia: Women-Specific Reference Ranges Can Prevent Misdiagnosis in Women. <i>journal of applied laboratory medicine</i> , The, 2018, 2, 737-745.	1.3	1
103	Low ADAMTS13 Activity Is a Strong Risk Factor for Ischemic Stroke: A Prospective Cohort Study - the Rotterdam Study. <i>Blood</i> , 2014, 124, 113-113.	1.4	1
104	Microparticle-Associated Tissue Factor Activity and Venous Thrombosis in Multiple Myeloma.. <i>Blood</i> , 2008, 112, 1812-1812.	1.4	0
105	Fibrinogen β^3 In the Budd-Chiari Syndrome: Results From a Multicenter Case-Control Study. <i>Blood</i> , 2010, 116, 4213-4213.	1.4	0
106	VWF and FVIII Levels after Desmopressin Are Associated with the Bleeding Phenotype in Type 1 VWD. <i>Blood</i> , 2019, 134, 1116-1116.	1.4	0
107	Detectable A Disintegrin and Metalloproteinase With Thrombospondin Motifs-1 in Serum Is Associated With Adverse Outcome in Pediatric Sepsis. , 2021, 3, e0569.		0
108	Semiautomatic VWF Multimer Densitometric Analysis: Validation of the Clinical Accuracy and Clinical Implications in Von Willebrand Disease. <i>Blood</i> , 2020, 136, 15-16.	1.4	0

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109	Low Von Willebrand Factor: Cut-Off Value for Diagnosis and Risk Score to Predict Bleeding Incidence. Blood, 2020, 136, 18-19.	1.4	0
110	Reduced fibrin clot lysis in Klinefelter syndrome associated with hypogonadism. Endocrine Connections, 2022, , .	1.9	0