

Tomas L Lindahl

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.

122
papers

2,954
citations

33
h-index

48
g-index

124
ext. papers

3,250
ext. citations

5.8
avg. IF

4.89
L-index

#	Paper	IF	Citations
122	Associations between hemostatic markers and mortality in COVID-19 - Compounding effects of D-dimer, antithrombin and PAP complex.. <i>Thrombosis Research</i> , 2022 , 213, 97-104	8.2	1
121	Sex differences in platelet reactivity in patients with myocardial infarction treated with triple antiplatelet therapy - results from assessing platelet activity in coronary heart disease (APACHE). <i>Platelets</i> , 2021 , 32, 524-532	3.6	1
120	Dietary Supplementation with Selenium and Coenzyme Q Prevents Increase in Plasma D-Dimer While Lowering Cardiovascular Mortality in an Elderly Swedish Population. <i>Nutrients</i> , 2021 , 13,	6.7	6
119	Effects of Heparin and Bivalirudin on Thrombin-Induced Platelet Activation: Differential Modulation of PAR Signaling Drives Divergent Prothrombotic Responses. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 717835	5.4	0
118	Biomarker dynamics in cardiac surgery: a prospective observational study on MR-proADM, MR-proANP, hs-CRP and sP-selectin plasma levels in the perioperative period. <i>Biomarkers</i> , 2020 , 25, 296-304	2.6	0
117	Unveiling the complex effects of direct oral anticoagulants on dilute Russell's viper venom time assays. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1866-1873	15.4	9
116	Adrenaline Improves Platelet Reactivity in Ticagrelor-Treated Healthy Volunteers. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 735-743	7	7
115	Individual long-term variation of platelet reactivity in patients with dual antiplatelet therapy after myocardial infarction. <i>Platelets</i> , 2019 , 30, 572-578	3.6	2
114	Comparative analysis of obesity-related cardiometabolic and renal biomarkers in human plasma and serum. <i>Scientific Reports</i> , 2019 , 9, 15385	4.9	5
113	Gradient-dependent inhibition of stimulatory signaling from platelet G protein-coupled receptors. <i>Haematologica</i> , 2019 , 104, 1482-1492	6.6	3
112	Copeptin Release in Cardiac Surgery-A New Biomarker to Identify Risk Patients?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018 , 32, 245-250	2.1	7
111	Flow cytometry-based platelet function testing is predictive of symptom burden in a cohort of bleeders. <i>Platelets</i> , 2018 , 29, 512-519	3.6	8
110	Quantification of Platelet Contractile Movements during Thrombus Formation. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 1600-1611	7	4
109	Thrombin generation during a regular menstrual cycle in women with von Willebrand disease. <i>Scientific Reports</i> , 2018 , 8, 17467	4.9	1
108	Pretreatment with ticagrelor may offset additional inhibition of platelet and coagulation activation with bivalirudin compared to heparin during primary percutaneous coronary intervention. <i>Thrombosis Research</i> , 2018 , 171, 38-44	8.2	1
107	Frequency of PAR4 Ala120Thr variant associated with platelet reactivity significantly varies across sub-Saharan African populations. <i>Blood</i> , 2018 , 132, 2103-2106	2.2	9
106	Effects of the oral, direct factor Xa inhibitor edoxaban on routine coagulation assays, lupus anticoagulant and anti-Xa assays. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018 , 78, 575-583	2	9

105	A cluster of aspartic residues in the extracellular loop II of PAR 4 is important for thrombin interaction and activation of platelets. <i>Thrombosis Research</i> , 2017 , 154, 84-92	8.2	7
104	A novel prothrombin time method to measure all non-vitamin K-dependent oral anticoagulants (NOACs). <i>Uppsala Journal of Medical Sciences</i> , 2017 , 122, 171-176	2.8	1
103	Left Atrial 4D Blood Flow Dynamics and Hemostasis following Electrical Cardioversion of Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2017 , 8, 1052	4.6	16
102	Biochemical Foundations of Health and Energy Conservation in Hibernating Free-ranging Subadult Brown Bear <i>Ursus arctos</i> . <i>Journal of Biological Chemistry</i> , 2016 , 291, 22509-22523	5.4	25
101	Counting the platelets: a robust and sensitive quantification method for thrombus formation. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 1178-90	7	10
100	Protease-activated receptor 4 is more important than protease-activated receptor 1 for the thrombin-induced procoagulant effect on platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2016 , 14, 1639-41	15.4	5
99	Platelet Function Determined by Flow Cytometry: New Perspectives?. <i>Seminars in Thrombosis and Hemostasis</i> , 2016 , 42, 268-81	5.3	56
98	Inflammatory and endothelial markers during the menstrual cycle. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016 , 76, 190-4	2	15
97	Caveats in studies of the physiological role of polyphosphates in coagulation. <i>Biochemical Society Transactions</i> , 2016 , 44, 35-9	5.1	5
96	Large early variation of residual platelet reactivity in Acute Coronary Syndrome patients treated with clopidogrel: results from Assessing Platelet Activity in Coronary Heart Disease (APACHE). <i>Thrombosis Research</i> , 2015 , 136, 335-40	8.2	4
95	Assays of different aspects of haemostasis - what do they measure?. <i>Thrombosis Journal</i> , 2015 , 13, 8	5.6	47
94	More efficient reversal of dabigatran inhibition of coagulation by activated prothrombin complex concentrate or recombinant factor VIIa than by four-factor prothrombin complex concentrate. <i>Thrombosis Research</i> , 2015 , 135, 544-7	8.2	33
93	sP-selectin is a useful biomarker for cardiovascular risk. <i>Cardiovascular Endocrinology</i> , 2015 , 4, 22-27		3
92	Point-of-care monitoring of warfarin treatment in community dwelling elderly--A randomised controlled study. <i>Journal of Telemedicine and Telecare</i> , 2015 , 21, 298-301	6.8	1
91	Increased Thrombopoiesis and Platelet Activation in Hantavirus-Infected Patients. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1061-9	7	43
90	Levels of sP-selectin and hs-CRP Decrease with Dietary Intervention with Selenium and Coenzyme Q10 Combined: A Secondary Analysis of a Randomized Clinical Trial. <i>PLoS ONE</i> , 2015 , 10, e0137680	3.7	35
89	Flow Cytometry-Based Platelet Function Testing Is Predictive of Symptom Burden in a Cohort of Bleeders. <i>Blood</i> , 2015 , 126, 2255-2255	2.2	
88	Electronic control of platelet adhesion using conducting polymer microarrays. <i>Lab on A Chip</i> , 2014 , 14, 3043-9	7.2	10

87	Alzheimer and platelets: low-density platelet populations reveal increased serotonin content in Alzheimer type dementia. <i>Clinical Biochemistry</i> , 2014 , 47, 51-3	3.5	10
86	The toll-like receptor 2/1 (TLR2/1) complex initiates human platelet activation via the src/Syk/LAT/PLC β signalling cascade. <i>Cellular Signalling</i> , 2014 , 26, 279-86	4.9	23
85	The effect of CYP2C19 gene polymorphisms on the pharmacokinetics and pharmacodynamics of prasugrel 5-mg, prasugrel 10-mg and clopidogrel 75-mg in patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 589-97	7	23
84	Response: platelets do not generate activated factor XII--how inappropriate experimental models have led to misleading conclusions. <i>Blood</i> , 2014 , 124, 1692-4	2.2	6
83	Thrombin-induced platelet activation via PAR4: pivotal role for exosite II. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 558-65	7	11
82	Effects of the oral, direct factor IXa inhibitor apixaban on routine coagulation assays and anti-FXa assays. <i>Journal of Thrombosis and Haemostasis</i> , 2014 , 12, 1545-53	15.4	77
81	Increased thrombin generation in splanchnic vein thrombosis is related to the presence of liver cirrhosis and not to the thrombotic event. <i>Thrombosis Research</i> , 2014 , 134, 455-61	8.2	12
80	Comparison of prothrombin time (INR) results and main characteristics of patients on warfarin treatment in primary health care centers and anticoagulation clinics. <i>BMC Health Services Research</i> , 2013 , 13, 85	2.9	13
79	Prasugrel 5 mg in the very elderly attenuates platelet inhibition but maintains noninferiority to prasugrel 10 mg in nonelderly patients: the GENERATIONS trial, a pharmacodynamic and pharmacokinetic study in stable coronary artery disease patients. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 577-83	15.1	66
78	Putting polyphosphates to the test: evidence against platelet-induced activation of factor XII. <i>Blood</i> , 2013 , 122, 3818-24	2.2	43
77	Is thrombin generation at the time of an acute thromboembolic episode a predictor of recurrence? The Linköping Study on Thrombosis (LIST)--a 7-year follow-up. <i>Thrombosis Research</i> , 2013 , 131, 135-9	8.2	4
76	The international normalized ratio according to Owren in liver disease: interlaboratory assessment and determination of international sensitivity index. <i>Thrombosis Research</i> , 2013 , 132, 346-51	8.2	9
75	Effects of prolactin on platelet activation and blood clotting. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013 , 73, 221-8	2	7
74	Ruling out cardiac failure: cost-benefit analysis of a sequential testing strategy with NT-proBNP before echocardiography. <i>Uppsala Journal of Medical Sciences</i> , 2013 , 118, 75-9	2.8	17
73	Next generation sequencing analysis of human platelet PolyA+ mRNAs and rRNA-depleted total RNA. <i>PLoS ONE</i> , 2013 , 8, e81809	3.7	42
72	Biomarkers of coagulation, inflammation, and angiogenesis are independently associated with preeclampsia. <i>American Journal of Reproductive Immunology</i> , 2012 , 68, 258-70	3.8	60
71	The role of thrombin receptors PAR1 and PAR4 for PAI-1 storage, synthesis and secretion by human platelets. <i>Thrombosis Research</i> , 2012 , 129, e51-8	8.2	18
70	A novel role for phospholipase D as an endogenous negative regulator of platelet sensitivity. <i>Cellular Signalling</i> , 2012 , 24, 1743-52	4.9	12

69	Platelet function assessed by whole-blood aggregometry in patients undergoing non-cardiac surgery. <i>European Journal of Anaesthesiology</i> , 2011 , 28, 363-9	2.3	4
68	Protease-activated receptor 1 (PAR1) signalling desensitization is counteracted via PAR4 signalling in human platelets. <i>Biochemical Journal</i> , 2011 , 436, 469-80	3.8	23
67	Effects of the oral, direct thrombin inhibitor dabigatran on five common coagulation assays. <i>Thrombosis and Haemostasis</i> , 2011 , 105, 371-8	7	245
66	Fluorescence-based blood coagulation assay device for measuring activated partial thromboplastin time. <i>Analytical Chemistry</i> , 2011 , 83, 319-28	7.8	12
65	In vitro and in vivo evaluation of chemically modified degradable starch microspheres for topical haemostasis. <i>Acta Biomaterialia</i> , 2011 , 7, 2558-65	10.8	39
64	Development of a point of care lateral flow device for measuring human plasma fibrinogen. <i>Analytical Chemistry</i> , 2010 , 82, 2029-35	7.8	29
63	Platelet density distribution in essential thrombocythemia. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2010 , 37, 35-42		11
62	Low plasma concentrations of coagulation factors II, VII and XI indicate increased risk among elderly with symptoms of heart failure. <i>Blood Coagulation and Fibrinolysis</i> , 2010 , 21, 62-9	1	6
61	Patterned Hydrogels for Controlled Platelet Adhesion from Whole Blood and Plasma. <i>Advanced Functional Materials</i> , 2010 , 20, 2396-2403	15.6	34
60	The creation of an antithrombotic surface by apyrase immobilization. <i>Biomaterials</i> , 2010 , 31, 4484-91	15.6	27
59	Real-time measurements of coagulation on bacterial cellulose and conventional vascular graft materials. <i>Acta Biomaterialia</i> , 2010 , 6, 1125-30	10.8	58
58	Blood compatibility of photografted hydrogel coatings. <i>Acta Biomaterialia</i> , 2010 , 6, 2599-608	10.8	49
57	Bleeding from gastrointestinal angioectasias is not related to bleeding disorders - a case control study. <i>BMC Gastroenterology</i> , 2010 , 10, 113	3	7
56	Cystatin C and NT-proBNP, a powerful combination of biomarkers for predicting cardiovascular mortality in elderly patients with heart failure: results from a 10-year study in primary care. <i>European Journal of Heart Failure</i> , 2009 , 11, 354-60	12.3	43
55	Plasma predilution with addition of depleted plasma in a prothrombin time reagent improves the agreement between different prothrombin time methods. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 395-400	2	1
54	Glycerol monooleate-blood interactions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 68, 20-6	6	8
53	Thrombin generation and D-dimer concentrations in a patient cohort investigated for venous thromboembolism. Relations to venous thrombosis, factor V Leiden and prothrombin G20210A. The LIST study. <i>Thrombosis Research</i> , 2009 , 124, 178-84	8.2	20
52	Methods for evaluation of platelet function. <i>Transfusion and Apheresis Science</i> , 2009 , 41, 121-5	2.4	18

51	Static platelet adhesion, flow cytometry and serum TXB2 levels for monitoring platelet inhibiting treatment with ASA and clopidogrel in coronary artery disease: a randomised cross-over study. <i>Journal of Translational Medicine</i> , 2009 , 7, 42	8.5	9
50	The quality of platelet concentrates produced by COBE Spectra and Trima Accel cell separators during storage for 7 days as assessed by in vitro methods. <i>Transfusion</i> , 2008 , 48, 715-22	2.9	23
49	The effect of gamma irradiation on the quality of apheresis platelets during storage for 7 days. <i>Transfusion</i> , 2008 , 48, 1669-75	2.9	22
48	Free oscillation rheometry detects changes in clot properties in pregnancy and thrombocytopenia. <i>Platelets</i> , 2008 , 19, 373-8	3.6	11
47	Effects of intercept pathogen inactivation on platelet function as analysed by free oscillation rheometry. <i>Transfusion and Apheresis Science</i> , 2008 , 38, 85-8	2.4	8
46	Platelet PAR1 receptor density--correlation to platelet activation response and changes in exposure after platelet activation. <i>Thrombosis Research</i> , 2008 , 121, 681-8	8.2	26
45	The ATP-gated P2X1 receptor plays a pivotal role in activation of aspirin-treated platelets by thrombin and epinephrine. <i>Journal of Biological Chemistry</i> , 2008 , 283, 18493-504	5.4	33
44	A genotyping method for VKORC1 1173C > T by Pyrosequencing technology. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2008 , 68, 427-30	2	6
43	Imaging of blood plasma coagulation and its propagation at surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 85, 1129-34	5.4	13
42	Platelet activation via PAR4 is involved in the initiation of thrombin generation and in clot elasticity development. <i>Thrombosis and Haemostasis</i> , 2007 , 97, 417-424	7	28
41	Surface plasmon resonance detection of blood coagulation and platelet adhesion under venous and arterial shear conditions. <i>Biosensors and Bioelectronics</i> , 2007 , 23, 261-8	11.8	25
40	In vitro effects of antipsychotics on human platelet adhesion and aggregation and plasma coagulation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007 , 34, 775-80	3	62
39	Plasma S/R ratio of warfarin co-varies with VKORC1 haplotype. <i>Blood Coagulation and Fibrinolysis</i> , 2007 , 18, 293-6	1	6
38	Effects of different blood components on clot retraction analysed by measuring elasticity with a free oscillating rheometer. <i>Platelets</i> , 2006 , 17, 545-54	3.6	35
37	Characterisation of species differences in the platelet ADP and thrombin response. <i>Thrombosis Research</i> , 2006 , 117, 543-9	8.2	29
36	Calibration services in the frame of accredited coagulation EQA schemes [Meeting the IVD directive. <i>Accreditation and Quality Assurance</i> , 2006 , 11, 451-454	0.7	
35	Normal D-dimer concentration is a common finding in symptomatic outpatients with distal deep vein thrombosis. <i>Blood Coagulation and Fibrinolysis</i> , 2005 , 16, 517-23	1	38
34	A new high-performance liquid chromatographic method for determination of warfarin enantiomers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 826, 75-80	3.2	43

33	Whole blood coagulation on protein adsorption-resistant PEG and peptide functionalised PEG-coated titanium surfaces. <i>Biomaterials</i> , 2005 , 26, 861-72	15.6	125
32	Local INR calibration of the Owren type prothrombin assay greatly improves the intra- and interlaboratory variation. A three-year follow-up from the Swedish national external quality assessment scheme. <i>Thrombosis and Haemostasis</i> , 2004 , 91, 300-7	7	25
31	Elevated D-dimer level is an independent risk factor for cardiovascular death in out-patients with symptoms compatible with heart failure. <i>Thrombosis and Haemostasis</i> , 2004 , 92, 1250-8	7	53
30	Synergistic action between inhibition of P2Y ₁₂ /P2Y ₁ and P2Y ₁₂ /thrombin in ADP- and thrombin-induced human platelet activation. <i>British Journal of Pharmacology</i> , 2004 , 142, 1325-31	8.6	44
29	INR calibration of Owren-type prothrombin time based on the relationship between PT% and INR utilizing normal plasma samples. <i>Thrombosis and Haemostasis</i> , 2004 , 91, 1223-31	7	36
28	Platelet phosphatidylserine exposure and procoagulant activity in clotting whole blood--different effects of collagen, TRAP and calcium ionophore A23187. <i>Thrombosis and Haemostasis</i> , 2003 , 89, 132-147	7	28
27	A critical evaluation of the prothrombin time for monitoring oral anticoagulant therapy. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2003 , 33, 43-51		18
26	The relative importance of the ADP receptors, P2Y ₁₂ and P2Y ₁ , in thrombin-induced platelet activation. <i>Thrombosis Research</i> , 2003 , 111, 65-73	8.2	34
25	Effects of inhibition of P2Y(1) and P2Y(12) on whole blood clotting, coagulum elasticity and fibrinolysis resistance studied with free oscillation rheometry. <i>Thrombosis Research</i> , 2003 , 109, 315-22	8.2	14
24	Platelet phosphatidylserine exposure and procoagulant activity in clotting whole blood--different effects of collagen, TRAP and calcium ionophore A23187. <i>Thrombosis and Haemostasis</i> , 2003 , 89, 132-417	7	9
23	Surface plasmon resonance and free oscillation rheometry in combination: a useful approach for studies on haemostasis and interactions between whole blood and artificial surfaces. <i>Biosensors and Bioelectronics</i> , 2002 , 17, 747-59	11.8	28
22	Comparative studies with surface plasmon resonance and free oscillation rheometry on the inhibition of platelets with cytochalasin E and monoclonal antibodies towards GPIIb/IIIa. <i>Biosensors and Bioelectronics</i> , 2002 , 17, 761-71	11.8	7
21	Pharmaceutical thrombosis prevention in cardiovascular disease. <i>Expert Opinion on Investigational Drugs</i> , 2002 , 11, 553-63	5.9	
20	Studies of fibrinogen binding to porcine platelets by flow cytometry: a method for studies of porcine platelet activation. <i>Platelets</i> , 2002 , 13, 153-7	3.6	5
19	The role of platelets in blood coagulation--effects of platelet agonists and GPIIb/IIIa inhibitors studied by free oscillation rheometry. <i>Thrombosis Research</i> , 2002 , 105, 165-72	8.2	13
18	Effect of Melagatran on Prothrombin Time Assays Depends on the Sensitivity of the Thromboplastin and the Final Dilution of the Plasma Sample. <i>Thrombosis and Haemostasis</i> , 2001 , 86, 611-615	7.6	34
17	Comparison of surface plasmon resonance and quartz crystal microbalance in the study of whole blood and plasma coagulation. <i>Biosensors and Bioelectronics</i> , 2000 , 15, 605-13	11.8	88
16	Blood plasma coagulation studied by surface plasmon resonance. <i>Journal of Biomedical Optics</i> , 2000 , 5, 51-5	3.5	37

15	Acute effects of nicotine infusion on platelets in nicotine users with normal and impaired renal function. <i>Toxicology and Applied Pharmacology</i> , 2000 , 163, 95-104	4.6	10
14	APC-resistance Is a Risk Factor for Postoperative Thromboembolism in Elective Replacement of the Hip or Knee – A Prospective Study. <i>Thrombosis and Haemostasis</i> , 1999 , 81, 18-21	7	65
13	Evaluation of an Automated Micro-latex D-dimer Assay (Tina-quant [®] on Hitachi 911 Analyser) in Symptomatic Outpatients with Suspected DVT. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 1772-1773	7	12
12	Isocitrate as Calcium Ion Activity Buffer in Coagulation Assays. <i>Clinical Chemistry</i> , 1999 , 45, 1176-1180	5.5	13
11	Blood plasma coagulation studied by surface plasmon resonance 1999 ,		2
10	Association between deficiency of free protein S and anticardiolipin antibodies in patients. <i>European Journal of Neurology</i> , 1998 , 5, 491-497	6	2
9	Enhanced onset of platelet inhibition with a loading dose of ticlopidine in ASA-treated stable coronary patients. <i>International Journal of Cardiology</i> , 1998 , 64, 215-7	3.2	10
8	Impaired platelet binding of fibrinogen due to a lower number of GPIIB/IIIA receptors in polycythemia vera. <i>Thrombosis Research</i> , 1998 , 91, 287-95	8.2	22
7	Endotoxin induced platelet microvesicle formation measured by flow cytometry. <i>Platelets</i> , 1996 , 7, 153-8.6		20
6	Stimulated Glanzmann's Thrombasthenia Platelets Produce Microvesicles. <i>Thrombosis and Haemostasis</i> , 1995 , 74, 1533-1540	7	25
5	Inhibition of fibrinogen binding to platelets by MK-852, a new GPIIb/IIIa antagonist. <i>Uppsala Journal of Medical Sciences</i> , 1994 , 99, 121-9	2.8	6
4	Chicken antibodies: taking advantage of evolution--a review. <i>Poultry Science</i> , 1993 , 72, 1807-12	3.9	136
3	Studies of the platelet fibrinogen receptor in Glanzmann patients and uremic patients. <i>Thrombosis Research</i> , 1992 , 67, 457-66	8.2	12
2	Chicken antibodies: a tool to avoid interference by complement activation in ELISA. <i>Journal of Immunological Methods</i> , 1992 , 156, 79-83	2.5	64
1	Studies of Fibrinogen Binding to Platelets by Flow Cytometry: An Improved Method for Studies of Platelet Activation. <i>Thrombosis and Haemostasis</i> , 1992 , 68, 221-225	7	64