

Saulius Butenas

List of Publications by Citations

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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.

88
papers

3,587
citations

31
h-index

59
g-index

92
ext. papers

3,848
ext. citations

4.4
avg, IF

5.1
L-index

#	Paper	IF	Citations
88	The dynamics of thrombin formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 17-25	9.4	398
87	Thrombin functions during tissue factor-induced blood coagulation. <i>Blood</i> , 2002 , 100, 148-52	2.2	323
86	Normal Thrombin Generation. <i>Blood</i> , 1999 , 94, 2169-2178	2.2	314
85	Tissue factor activity in whole blood. <i>Blood</i> , 2005 , 105, 2764-70	2.2	224
84	Thromboelastography as a better indicator of hypercoagulable state after injury than prothrombin time or activated partial thromboplastin time. <i>Journal of Trauma</i> , 2009 , 67, 266-75; discussion 275-6		219
83	Mechanism of factor VIIa-dependent coagulation in hemophilia blood. <i>Blood</i> , 2002 , 99, 923-30	2.2	179
82	Tissue factor in coagulation: Which? Where? When?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1989-96	9.4	109
81	Evaluation of the initiation phase of blood coagulation using ultrasensitive assays for serine proteases. <i>Journal of Biological Chemistry</i> , 1997 , 272, 21527-33	5.4	101
80	An integrated study of fibrinogen during blood coagulation. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22862-70	5.4	92
79	Antiplatelet agents in tissue factor-induced blood coagulation. <i>Blood</i> , 2001 , 97, 2314-22	2.2	86
78	Models of blood coagulation. <i>Blood Cells, Molecules, and Diseases</i> , 2006 , 36, 108-17	2.1	85
77	Kinetics of human factor VII activation. <i>Biochemistry</i> , 1996 , 35, 1904-10	3.2	83
76	The tissue factor requirement in blood coagulation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42887-96	5.4	75
75	Platelets and Phospholipids in Tissue Factor-initiated Thrombin Generation. <i>Thrombosis and Haemostasis</i> , 2001 , 86, 660-667	7	73
74	Active tissue factor in blood?. <i>Nature Medicine</i> , 2004 , 10, 1155-6; author reply 1156	50.5	65
73	Factor XIa and tissue factor activity in patients with coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2008 , 99, 142-9	7	63
72	The significance of circulating factor IXa in blood. <i>Journal of Biological Chemistry</i> , 2004 , 279, 22875-82	5.4	55

71	No evidence for tissue factor on platelets. <i>Blood</i> , 2010 , 116, 854-5	2.2	53
70	Influence of factor VIIa and phospholipids on coagulation in "acquired" hemophilia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 123-9	9.4	53
69	Synthetic substrates for human factor VIIa and factor VIIa-tissue factor. <i>Biochemistry</i> , 1993 , 32, 6531-8	3.2	47
68	The factor V activation paradox. <i>Journal of Biological Chemistry</i> , 2004 , 279, 19580-91	5.4	43
67	Quantitation of anti-factor VIII antibodies in human plasma. <i>Blood</i> , 2009 , 113, 2587-94	2.2	42
66	The nature of the stable blood clot procoagulant activities. <i>Journal of Biological Chemistry</i> , 2008 , 283, 9776-86	5.4	39
65	Extrinsic pathway proteolytic activity. <i>Methods in Enzymology</i> , 1993 , 222, 177-95	1.7	38
64	Aminonaphthalenesulfonamides, a new class of modifiable fluorescent detecting groups and their use in substrates for serine protease enzymes. <i>Biochemistry</i> , 1992 , 31, 5399-411	3.2	37
63	Cooperative interaction of divalent metal ions, substrate, and tissue factor with factor VIIa. <i>Biochemistry</i> , 1994 , 33, 3449-56	3.2	36
62	Predictors of neutrophil extracellular traps markers in type 2 diabetes mellitus: associations with a prothrombotic state and hypofibrinolysis. <i>Cardiovascular Diabetology</i> , 2019 , 18, 49	8.7	34
61	Regulation of Prothrombinase Activity by Protein S. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 80-87	7	34
60	Platelet-white blood cell (WBC) interaction, WBC apoptosis, and procoagulant activity in stored red blood cells. <i>Transfusion</i> , 2011 , 51, 1086-95	2.9	33
59	Effect of BAX499 aptamer on tissue factor pathway inhibitor function and thrombin generation in models of hemophilia. <i>Thrombosis Research</i> , 2012 , 130, 948-55	8.2	32
58	Tissue factor activity and function in blood coagulation. <i>Thrombosis Research</i> , 2008 , 122 Suppl 1, S42-6	8.2	32
57	Carbohydrates and activity of natural and recombinant tissue factor. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3371-82	5.4	28
56	Ultrasensitive Fluorogenic Substrates for Serine Proteases. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 1193-1201	2.0	28
55	Tissue factor structure and function. <i>Scientifica</i> , 2012 , 2012, 964862	2.6	26
54	Tissue factor in thrombosis and hemorrhage. <i>Surgery</i> , 2007 , 142, S2-14	3.6	26

53	Activated factor XI and tissue factor in chronic obstructive pulmonary disease: links with inflammation and thrombin generation. <i>Thrombosis Research</i> , 2011 , 127, 242-6	8.2	22
52	Cellular regulation of blood coagulation: a model for venous stasis. <i>Blood</i> , 2010 , 116, 6082-91	2.2	22
51	Anticoagulants and the propagation phase of thrombin generation. <i>PLoS ONE</i> , 2011 , 6, e27852	3.7	22
50	Circulating activated factor XI and active tissue factor as predictors of worse prognosis in patients following ischemic cerebrovascular events. <i>Thrombosis Research</i> , 2011 , 128, e62-6	8.2	21
49	Active tissue factor and activated factor XI in patients with acute ischemic cerebrovascular events. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 123-9	4.6	18
48	Platelet tissue factor is not expressed transiently after platelet activation. <i>Blood</i> , 2012 , 119, 4338-9; author reply 4339-41	2.2	15
47	Activated factor XI and tissue factor in aortic stenosis: links with thrombin generation. <i>Blood Coagulation and Fibrinolysis</i> , 2011 , 22, 473-9	1	15
46	Continuous thrombin generation in whole blood: New applications for assessing activators and inhibitors of coagulation. <i>Analytical Biochemistry</i> , 2018 , 551, 19-25	3.1	15
45	Platelets do not express the oxidized or reduced forms of tissue factor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 1188-93	4	14
44	Analysis of tissue plasminogen activator specificity using peptidyl fluorogenic substrates. <i>Biochemistry</i> , 1997 , 36, 2123-31	3.2	13
43	Correlation between factor (F)XIa, FIXa and tissue factor and trauma severity. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 82, 1073-1079	3.3	12
42	The "normal" factor VIII concentration in plasma. <i>Thrombosis Research</i> , 2010 , 126, 119-23	8.2	12
41	Active tissue factor and activated factor XI in circulating blood of patients with systolic heart failure due to ischemic cardiomyopathy 2010 , 120, 334-40		12
40	Influence of bivalirudin on tissue factor-triggered coagulation. <i>Blood Coagulation and Fibrinolysis</i> , 2007 , 18, 407-14	1	11
39	Disulfide reduction abolishes tissue factor cofactor function. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3489-96	4	10
38	Procoagulant activity in stored units of red blood cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 474, 680-685	3.4	10
37	Tissue factor controversies. <i>Thrombosis Research</i> , 2012 , 129 Suppl 2, S5-7	8.2	9
36	Interactions Between Platelets and the Coagulation System 2007 , 377-402		9

35	Posttranslational modifications of tissue factor. <i>Frontiers in Bioscience - Elite</i> , 2012 , E4, 381-391	1.6	9
34	Activated factor IX, factor XI and tissue factor identify patients with permanent atrial fibrillation treated with warfarin who are at risk of ischemic stroke. <i>Archives of Medical Science</i> , 2016 , 12, 1000-1007 ^{2,9}		9
33	Whole blood thrombin generation is distinct from plasma thrombin generation in healthy volunteers and after severe injury. <i>Surgery</i> , 2019 , 166, 1122-1127	3.6	8
32	Differences in the fractional abundances of carbohydrates of natural and recombinant human tissue factor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011 , 1810, 398-405	4	8
31	Factors associated with the presence of circulating active tissue factor and activated factor XI in stable angina patients. <i>Blood Coagulation and Fibrinolysis</i> , 2012 , 23, 189-94	1	8
30	Activation of blood coagulation and thrombin generation in acute ischemic stroke treated with rtPA. <i>Journal of Thrombosis and Thrombolysis</i> , 2017 , 44, 362-370	5.1	7
29	Decryption of tissue factor. <i>Thrombosis Research</i> , 2012 , 129 Suppl 2, S18-20	8.2	7
28	Whole Blood Thrombin Generation in Severely Injured Patients Requiring Massive Transfusion. <i>Journal of the American College of Surgeons</i> , 2021 , 232, 709-716	4.4	7
27	Analysis of factor XIa, factor IXa and tissue factor activity in burn patients. <i>Burns</i> , 2018 , 44, 436-444	2.3	6
26	Comparison of natural and recombinant tissue factor proteins: new insights. <i>Biological Chemistry</i> , 2013 , 394, 819-29	4.5	6
25	Posttranslational modifications and activity of natural and recombinant tissue factor. <i>Thrombosis Research</i> , 2010 , 125 Suppl 1, S26-8	8.2	6
24	Response: Mechanism of Action of High-Dose Factor VIIa. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 10-10	9.4	6
23	Altered fibrin clot properties in advanced lung cancer: strong impact of cigarette smoking. <i>Medical Oncology</i> , 2019 , 36, 37	3.7	4
22	Endogenous Procoagulant Activity in Trauma Patients and Its Relationship to Trauma Severity. <i>TH Open</i> , 2019 , 3, e10-e19	2.7	3
21	Levels and activities of von Willebrand factor and metalloproteinase with thrombospondin type-1 motif, number 13 in inflammatory bowel diseases. <i>World Journal of Gastroenterology</i> , 2017 , 23, 4796-4805 ^{5,6}		3
20	Real human tissue factor. <i>FASEB Journal</i> , 2006 , 20, A47	0.9	3
19	Posttranslational modifications of tissue factor. <i>Frontiers in Bioscience - Elite</i> , 2012 , 4, 381-91	1.6	3
18	Altered fibrin clot properties in advanced lung cancer: impact of chemotherapy. <i>Journal of Thoracic Disease</i> , 2018 , 10, 6863-6872	2.6	3

17	Membrane-Bound and Soluble Tissue Factor - Fuse and Fire Extinguisher.. <i>Blood</i> , 2004 , 104, 123-123	2.2	2
16	Quantitation of Natural, Recombinant, Cell-Surface and Plasma Tissue Factor.. <i>Blood</i> , 2004 , 104, 1929-1929		2
15	Demystifying Tissue Factor.. <i>Blood</i> , 2004 , 104, 1936-1936	2.2	2
14	The Nature of LPS-Stimulated Monocyte Tissue Factor Activity. <i>Blood</i> , 2008 , 112, 1022-1022	2.2	2
13	Correlation between Factor (F)XIa, FIXa and Tissue Factor and Trauma Severity. <i>Blood</i> , 2015 , 126, 1072-1072		1
12	Fluorogenic Assays for Functional Factor VIIa and Tissue Factor.. <i>Blood</i> , 2004 , 104, 1740-1740	2.2	1
11	Hemophilia and the Dynamics of Hemostasis.. <i>Blood</i> , 2005 , 106, 321-321	2.2	1
10	Neutralizing and Non-Neutralizing Anti-FVIII Antibodies in Black and White Hemophilia A Subjects: A Natural History Profile. <i>Blood</i> , 2019 , 134, 1131-1131	2.2	1
9	Exploring the utility of a novel point-of-care whole blood thrombin generation assay following trauma: A pilot study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2021 , 5, 395-402	5.1	1
8	Letter: in response to a recent article by Van der Beelen et al. <i>Thrombosis Research</i> , 2021 , 202, 104	8.2	1
7	Thrombin Generation in a Reconstituted System: A Reply. <i>Thrombosis and Haemostasis</i> , 2002 , 87, 552-554		
6	Quantitative Evaluation of Factor VIII in Factor VIII Products.. <i>Blood</i> , 2004 , 104, 4012-4012	2.2	
5	Histone H4-Induced Thrombin Generation in Fresh and "Reconstituted" Blood. <i>Blood</i> , 2015 , 126, 3494-3494		
4	Activated Factors XI and IX and Tissue Factor in Patients with Advanced Cancer. <i>Blood</i> , 2016 , 128, 4947-4947		
3	Continuous Thrombin Generation in Whole Blood: New Applications. <i>Blood</i> , 2016 , 128, 4979-4979	2.2	
2	Quantitation of Non-Inhibitory Anti-Factor VIII Antibodies in human Plasma. <i>Blood</i> , 2008 , 112, 1025-1025	2.2	
1	Procoagulant Activity In Stored Units Of Red Blood Cells. <i>Blood</i> , 2013 , 122, 1157-1157	2.2	