

Wolfram Ruf

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.

168
papers

9,395
citations

54
h-index

94
g-index

179
ext. papers

10,355
ext. citations

8.1
avg, IF

6.21
L-index

#	Paper	IF	Citations
168	S1P/S1PR3 signalling axis protects against obesity-induced metabolic dysfunction.. <i>Adipocyte</i> , 2022 , 11, 69-83	3.2	1
167	Rationale and design of a study to assess the safety and efficacy of rNAPc2 in COVID-19: the Phase 2b ASPEN-COVID-19 trial.. <i>American Heart Journal</i> , 2022 , 246, 136-136	4.9	1
166	Inflammatory Monocyte Counts Determine Venous Blood Clot Formation and Resolution.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , ATVBAHA121317176	9.4	3
165	Discussion of talks from the symposium: Factor X: From thrombokinase to oral anti-coagulants and beyond. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 52, 408-413	5.1	
164	Is VITT really a HIT. <i>Nature Immunology</i> , 2021 , 22, 1352-1353	19.1	1
163	Anticoagulation with Factor Xa Inhibitors Is Associated with Improved Overall Response and Progression-Free Survival in Patients with Metastatic Malignant Melanoma Receiving Immune Checkpoint Inhibitors-A Retrospective, Real-World Cohort Study. <i>Cancers</i> , 2021 , 13,	6.6	5
162	Enhanced thrombin/PAR1 activity promotes G-CSF- and AMD3100-induced mobilization of hematopoietic stem and progenitor cells via NO upregulation. <i>Leukemia</i> , 2021 , 35, 3334-3338	10.7	0
161	Lipid presentation by the protein C receptor links coagulation with autoimmunity. <i>Science</i> , 2021 , 371,	33.3	23
160	Roles of factor Xa beyond coagulation. <i>Journal of Thrombosis and Thrombolysis</i> , 2021 , 52, 391-396	5.1	2
159	Procoagulant activities of skeletal muscle and cardiac myosins require both myosin protein and myosin-associated anionic phospholipids. <i>Blood</i> , 2021 , 137, 1839-1842	2.2	2
158	CD248 enhances tissue factor procoagulant function, promoting arterial and venous thrombosis in mouse models. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1932-1947	15.4	0
157	Nox2+ myeloid cells drive vascular inflammation and endothelial dysfunction in heart failure after myocardial infarction via angiotensin II receptor type 1. <i>Cardiovascular Research</i> , 2021 , 117, 162-177	9.9	13
156	Course of D-Dimer and C-Reactive Protein Levels in Survivors and Nonsurvivors with COVID-19 Pneumonia: A Retrospective Analysis of 577 Patients. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 98-101	7	13
155	Pathogenic lipid-binding antiphospholipid antibodies are associated with severity of COVID-19. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 2335-2347	15.4	6
154	Advocacy of targeting protease-activated receptors in severe coronavirus disease 2019. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	1
153	Tissue factor and its procoagulant activity on cancer-associated thromboembolism in pancreatic cancer. <i>Cancer Science</i> , 2021 , 112, 4679-4691	6.9	4
152	Bacitracin and Rutin Regulate Tissue Factor Production in Inflammatory Monocytes and Acute Myeloid Leukemia Blasts. <i>Cancers</i> , 2021 , 13,	6.6	2

151	Murine tissue factor disulfide mutation causes a bleeding phenotype with sex specific organ pathology and lethality. <i>Haematologica</i> , 2020 , 105, 2484-2495	6.6	
150	Germ-free housing conditions do not affect aortic root and aortic arch lesion size of late atherosclerotic low-density lipoprotein receptor-deficient mice. <i>Gut Microbes</i> , 2020 , 11, 1809-1823	8.8	9
149	LIM-only protein FHL2 attenuates vascular tissue factor activity, inhibits thrombus formation in mice and genetic variation associates with human venous thrombosis. <i>Haematologica</i> , 2020 , 105, 1677-1685	6.6	1
148	Macrophage protease-activated receptor 2 regulates fetal liver erythropoiesis in mice. <i>Blood Advances</i> , 2020 , 4, 5810-5824	7.8	1
147	Coagulation signaling and cancer immunotherapy. <i>Thrombosis Research</i> , 2020 , 191 Suppl 1, S106-S111	8.2	4
146	TRIF turns the switch for DIC in sepsis. <i>Blood</i> , 2020 , 135, 1073-1074	2.2	
145	Tissue factor pathway inhibitor primes monocytes for antiphospholipid antibody-induced thrombosis. <i>Blood</i> , 2019 , 134, 1119-1131	2.2	24
144	Myeloid cell-synthesized coagulation factor X dampens antitumor immunity. <i>Science Immunology</i> , 2019 , 4,	2.8	37
143	Virus envelope tissue factor promotes infection in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 482-491	15.4	7
142	Duodenal bacterial proteolytic activity determines sensitivity to dietary antigen through protease-activated receptor-2. <i>Nature Communications</i> , 2019 , 10, 1198	17.4	69
141	GpIb Engagement Induces Activation of Human Platelet TF and Association with Constitutively Platelet Surface-Bound FVIIa. <i>Blood</i> , 2019 , 134, 2337-2337	2.2	
140	Factor VIIa-induced interaction with integrin controls the release of tissue factor on extracellular vesicles from endothelial cells. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 627-634	15.4	2
139	Tissue Factor Coagulant Activity is Regulated by the Plasma Membrane Microenvironment. <i>Thrombosis and Haemostasis</i> , 2018 , 118, 990-1000	7	8
138	Tissue factor as a mediator of coagulation and signaling in cancer and chronic inflammation. <i>Thrombosis Research</i> , 2018 , 164 Suppl 1, S143-S147	8.2	10
137	Paraoxonase-2 regulates coagulation activation through endothelial tissue factor. <i>Blood</i> , 2018 , 131, 2161-2173	2.2	33
136	Identification of the integrin-binding site on coagulation factor VIIa required for proangiogenic PAR2 signaling. <i>Blood</i> , 2018 , 131, 674-685	2.2	30
135	Advances in Clinical and Basic Science of Coagulation: Illustrated abstracts of the 9th Chapel Hill Symposium on Hemostasis. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2018 , 2, 407-428	5.1	3
134	Structural and cellular mechanisms of peptidyl-prolyl isomerase Pin1-mediated enhancement of Tissue Factor gene expression, protein half-life, and pro-coagulant activity. <i>Haematologica</i> , 2018 , 103, 1073-1082	6.6	9

133	Tissue factor at the crossroad of coagulation and cell signaling. <i>Journal of Thrombosis and Haemostasis</i> , 2018 , 16, 1941-1952	15.4	68
132	Extravascular coagulation in hematopoietic stem and progenitor cell regulation. <i>Blood</i> , 2018 , 132, 123-131		28
131	Integrin Alpha ν -beta3 on Podocytes Orchestrates Coagulation Protease Signaling through Protease-Activated Receptors. <i>Blood</i> , 2018 , 132, 137-137	2.2	
130	Complement C5 but not C3 is expendable for tissue factor activation by cofactor-independent antiphospholipid antibodies. <i>Blood Advances</i> , 2018 , 2, 979-986	7.8	25
129	Distinct contributions of complement factors to platelet activation and fibrin formation in venous thrombus development. <i>Blood</i> , 2017 , 129, 2291-2302	2.2	133
128	Platelet-localized FXI promotes a vascular coagulation-inflammatory circuit in arterial hypertension. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	53
127	Tissue Factor Prothrombotic Activity Is Regulated by Integrin- α 6 Trafficking. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1323-1331	9.4	29
126	Gut microbiota regulate hepatic von Willebrand factor synthesis and arterial thrombus formation via Toll-like receptor-2. <i>Blood</i> , 2017 , 130, 542-553	2.2	70
125	Selective factor VIII activation by the tissue factor-factor VIIa-factor Xa complex. <i>Blood</i> , 2017 , 130, 1661-1670		39
124	Engineering of a membrane-triggered activity switch in coagulation factor VIIa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 12454-12459	11.5	6
123	Signal integration at the PI3K-p85-XBP1 hub endows coagulation protease activated protein C with insulin-like function. <i>Blood</i> , 2017 , 130, 1445-1455	2.2	20
122	Tissue factor is an angiogenic-specific receptor for factor VII-targeted immunotherapy and photodynamic therapy. <i>Angiogenesis</i> , 2017 , 20, 85-96	10.6	30
121	Mechanism of Action of Hydroxychloroquine in the Antiphospholipid Syndrome. <i>Blood</i> , 2016 , 128, 5023-5023		2
120	EPCR Guides Hematopoietic Stem Cells Homing to the Bone Marrow Independently of Niche Clearance. <i>Blood</i> , 2016 , 128, 4538-4538	2.2	
119	High-level secretion of tissue factor-rich extracellular vesicles from ovarian cancer cells mediated by filamin-A and protease-activated receptors. <i>Thrombosis and Haemostasis</i> , 2016 , 115, 299-310	7	32
118	OC-09 - Microparticle-mediated transfer of TF hypercoagulability between cancer cells. <i>Thrombosis Research</i> , 2016 , 140 Suppl 1, S172	8.2	1
117	Targeting clotting proteins in cancer therapy - progress and challenges. <i>Thrombosis Research</i> , 2016 , 140 Suppl 1, S1-7	8.2	15
116	Hemostasis keeps the stem cell niche in order. <i>Blood</i> , 2016 , 128, 1027-9	2.2	4

115	Regulation of tissue factor in NT2 germ cell tumor cells by cisplatin chemotherapy. <i>Thrombosis Research</i> , 2015 , 136, 673-81	8.2	5
114	PAR1 signaling regulates the retention and recruitment of EPCR-expressing bone marrow hematopoietic stem cells. <i>Nature Medicine</i> , 2015 , 21, 1307-17	50.5	94
113	Theme 1: Pathogenesis of venous thromboembolism (and post-thrombotic syndrome). <i>Thrombosis Research</i> , 2015 , 136 Suppl 1, S3-7	8.2	2
112	Coagulation factor V mediates inhibition of tissue factor signaling by activated protein C in mice. <i>Blood</i> , 2015 , 126, 2415-23	2.2	27
111	EPCR-dependent PAR2 activation by the blood coagulation initiation complex regulates LPS-triggered interferon responses in mice. <i>Blood</i> , 2015 , 125, 2845-54	2.2	41
110	Tissue factor pathways linking obesity and inflammation. <i>Hamostaseologie</i> , 2015 , 35, 279-83	1.9	18
109	Hematopoietic tissue factor-protease-activated receptor 2 signaling promotes hepatic inflammation and contributes to pathways of gluconeogenesis and steatosis in obese mice. <i>American Journal of Pathology</i> , 2015 , 185, 524-35	5.8	21
108	Caspase-1-mediated pathway promotes generation of thromboinflammatory microparticles. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1471-84	15.9	67
107	EPCR/PAR1 Signaling Navigates Long-Term Repopulating Hematopoietic Stem Cell Bone Marrow Homing to Thrombomodulin-Enriched Blood Vessels. <i>Blood</i> , 2015 , 126, 33-33	2.2	2
106	Syndecan-3 and TFPI colocalize on the surface of endothelial-, smooth muscle-, and cancer cells. <i>PLoS ONE</i> , 2015 , 10, e0117404	3.7	15
105	The procoagulant envelope virus surface: contribution to enhanced infection. <i>Thrombosis Research</i> , 2014 , 133 Suppl 1, S15-7	8.2	16
104	Contributions of thrombin targets to tissue factor-dependent metastasis in hyperthrombotic mice. <i>Journal of Thrombosis and Haemostasis</i> , 2014 , 12, 71-81	15.4	26
103	Role of the protein C receptor in cancer progression. <i>Thrombosis Research</i> , 2014 , 133 Suppl 2, S85-9	8.2	11
102	Alternatively spliced tissue factor is not sufficient for embryonic development. <i>PLoS ONE</i> , 2014 , 9, e97793	3.7	4
101	Synergies of phosphatidylserine and protein disulfide isomerase in tissue factor activation. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 590-7	7	66
100	Inflammation, obesity, and thrombosis. <i>Blood</i> , 2013 , 122, 3415-22	2.2	228
99	Alternatively spliced tissue factor promotes breast cancer growth in a β 1 integrin-dependent manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11517-22	11.5	53
98	Rapid activation of monocyte tissue factor by antithymocyte globulin is dependent on complement and protein disulfide isomerase. <i>Blood</i> , 2013 , 121, 2324-35	2.2	79

97	Endothelial protein C receptor function in murine and human breast cancer development. <i>PLoS ONE</i> , 2013 , 8, e61071	3.7	44
96	Tissue Factor On The Herpes Simplex Virus Type 1 Surface Enhances Infection In Vivo. <i>Blood</i> , 2013 , 122, 2332-2332	2.2	1
95	Regulation Of Hematopoietic Stem Cell Trafficking By The Coagulation Pathway. <i>Blood</i> , 2013 , 122, 456-456		
94	EPCR Limits Nitric Oxide Levels, Mediating Human and Murine Stem Cell Adhesion and Retention In The Bone Marrow, By Conjugating PAR1 and CXCR4 Signaling. <i>Blood</i> , 2013 , 122, 795-795	2.2	
93	Identification Of The Coagulation Factor VIIa Integrin Binding Site Essential For Pro-Angiogenic Tissue Factor Signaling. <i>Blood</i> , 2013 , 122, 3566-3566	2.2	
92	Protease-activated receptor 2 signaling in inflammation. <i>Seminars in Immunopathology</i> , 2012 , 34, 133-49	12	198
91	Tissue factor and glycoprotein C on herpes simplex virus type 1 are protease-activated receptor 2 cofactors that enhance infection. <i>Blood</i> , 2012 , 119, 3638-45	2.2	34
90	Tissue factor and cancer. <i>Thrombosis Research</i> , 2012 , 130 Suppl 1, S84-7	8.2	49
89	Role of thiol pathways in TF procoagulant regulation. <i>Thrombosis Research</i> , 2012 , 129 Suppl 2, S11-2	8.2	13
88	Tissue factor and PAR1 promote microbiota-induced intestinal vascular remodelling. <i>Nature</i> , 2012 , 483, 627-31	50.4	172
87	Factor V Inhibits PAR2-Mediated Lethal Inflammation. <i>Blood</i> , 2012 , 120, 3360-3360	2.2	1
86	Tissue factor-protease-activated receptor 2 signaling promotes diet-induced obesity and adipose inflammation. <i>Nature Medicine</i> , 2011 , 17, 1490-7	50.5	112
85	Splice variants of tissue factor promote monocyte-endothelial interactions by triggering the expression of cell adhesion molecules via integrin-mediated signaling. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 2087-96	15.4	49
84	Endothelial protein C receptor is required for tissue factor ternary complex signaling in the mouse. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 2516-8	15.4	11
83	Tissue factor and cell signalling in cancer progression and thrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9 Suppl 1, 306-15	15.4	113
82	The endothelial protein C receptor supports tissue factor ternary coagulation initiation complex signaling through protease-activated receptors. <i>Journal of Biological Chemistry</i> , 2011 , 286, 5756-67	5.4	70
81	P2X7 receptor signaling contributes to tissue factor-dependent thrombosis in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 2932-44	15.9	110
80	Distinct Roles of the Extrinsic and the Intrinsic Coagulation Pathways In Different Murine Thrombosis Models. <i>Blood</i> , 2011 , 118, 3278-3278	2.2	

79	Engineering of substrate selectivity for tissue factor.factor VIIa complex signaling through protease-activated receptor 2. <i>Journal of Biological Chemistry</i> , 2010 , 285, 19959-66	5.4	25
78	Tissue factor in cancer progression and angiogenesis. <i>Thrombosis Research</i> , 2010 , 125 Suppl 2, S36-8	8.2	88
77	Evidence for tissue factor phosphorylation and its correlation with protease-activated receptor expression and the prognosis of primary breast cancer. <i>International Journal of Cancer</i> , 2010 , 126, 2330-40	7.5	59
76	Cooperation of tissue factor cytoplasmic domain and PAR2 signaling in breast cancer development. <i>Blood</i> , 2010 , 116, 6106-13	2.2	81
75	New players in the sepsis-protective activated protein C pathway. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3084-7	15.9	23
74	Tissue Factor (TF) Activation by Antithymocyte Globulin Is Inhibited by a Novel Monoclonal Antibody Specific for Reduced TF Mutated at the Allosteric Cys186-Cys209 Disulfide.. <i>Blood</i> , 2010 , 116, 1132-1132	2.2	1
73	P2 μ Signaling Triggers Tissue Factor Activation and Protein Disulfide Isomerase-Dependent Release of TF+ Microparticles In Thrombosis. <i>Blood</i> , 2010 , 116, 344-344	2.2	1
72	The Endothelial Protein C Receptor Supports TF-VIIa-Xa Ternary Complex Signaling through Protease-Activated Receptors.. <i>Blood</i> , 2010 , 116, 1144-1144	2.2	
71	Novel Infrared Fluorescence Methodology Defines An Essential Role for Endothelial Protein C Receptor (EPCR) for Protection Against Vascular Leakage In Inflammation. <i>Blood</i> , 2010 , 116, 653-653	2.2	
70	Alternatively spliced tissue factor induces angiogenesis through integrin ligation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 19497-502	11.5	117
69	Vascular and dendritic cell coagulation signaling in sepsis progression. <i>Journal of Thrombosis and Haemostasis</i> , 2009 , 7 Suppl 1, 118-21	15.4	19
68	Tissue factor and PAR2 signaling in the tumor microenvironment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1999-2004	9.4	91
67	Factor Xa and Factor VIIa Utilize Herpes Simplex Virus-Associated Tissue Factor to Increase Infection through Cellular Protease Activated Receptor 2.. <i>Blood</i> , 2009 , 114, 2130-2130	2.2	1
66	Spectroscopic Characterization of Successive Phosphorylation of the Tissue Factor Cytoplasmic Region. <i>The Open Spectroscopy Journal</i> , 2009 , 3, 58-64		17
65	Protease-activated receptor (PAR) 2, but not PAR1, signaling promotes the development of mammary adenocarcinoma in polyoma middle T mice. <i>Cancer Research</i> , 2008 , 68, 7219-27	10.1	115
64	Inhibition of tissue factor signaling suppresses tumor growth. <i>Blood</i> , 2008 , 111, 190-9	2.2	260
63	Role of PAR2 in murine pulmonary pseudomonal infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 294, L368-77	5.8	41
62	Neutrophil activation by the tissue factor/Factor VIIa/PAR2 axis mediates fetal death in a mouse model of antiphospholipid syndrome. <i>Journal of Clinical Investigation</i> , 2008 , 118, 3453-61	15.9	150

61	Contribution of Intrinsic and Extrinsic Coagulation Pathways to Thrombus Formation in the Mouse Carotid Artery.. <i>Blood</i> , 2008 , 112, 1900-1900	2.2	1
60	Redundant signaling of tissue factor and thrombin in cancer progression?. <i>Journal of Thrombosis and Haemostasis</i> , 2007 , 5, 1584-7	15.4	21
59	Role of protease activated receptor 1 and 2 signaling in hypoxia-induced angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1456-62	9.4	93
58	Regulation of macrophage procoagulant responses by the tissue factor cytoplasmic domain in endotoxemia. <i>Blood</i> , 2007 , 109, 5251-9	2.2	54
57	Tissue factor and PAR signaling in tumor progression. <i>Thrombosis Research</i> , 2007 , 120 Suppl 2, S7-12	8.2	33
56	Emerging insights in tissue factor-dependent signaling events. <i>Seminars in Thrombosis and Hemostasis</i> , 2006 , 32, 24-32	5.3	92
55	Activation of cancer cell migration and invasion by ectopic synthesis of coagulation factor VII. <i>Cancer Research</i> , 2006 , 66, 9453-60	10.1	108
54	Disulfide isomerization switches tissue factor from coagulation to cell signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13932-7	11.5	294
53	Evidence for activation of tissue factor by an allosteric disulfide bond. <i>Biochemistry</i> , 2006 , 45, 12020-8	3.2	163
52	Protease Signaling in Severe Systemic Inflammation.. <i>Blood</i> , 2006 , 108, 63-63	2.2	
51	Regulation of tissue factor-induced signaling by endogenous and recombinant tissue factor pathway inhibitor 1. <i>Blood</i> , 2005 , 105, 2384-91	2.2	72
50	Is APC activation of endothelial cell PAR1 important in severe sepsis?: Yes. <i>Journal of Thrombosis and Haemostasis</i> , 2005 , 3, 1912-4	15.4	31
49	Cross-talk of integrin alpha3beta1 and tissue factor in cell migration. <i>Molecular Biology of the Cell</i> , 2004 , 15, 4416-25	3.5	130
48	Protease-activated receptor 2-dependent phosphorylation of the tissue factor cytoplasmic domain. <i>Journal of Biological Chemistry</i> , 2004 , 279, 23038-44	5.4	106
47	Regulation of angiogenesis by tissue factor cytoplasmic domain signaling. <i>Nature Medicine</i> , 2004 , 10, 502-9	50.5	293
46	Emerging roles of tissue factor in viral hemorrhagic fever. <i>Trends in Immunology</i> , 2004 , 25, 461-4	14.4	36
45	Protease-activated receptor signaling in the regulation of inflammation. <i>Critical Care Medicine</i> , 2004 , 32, S287-92	1.4	28
44	Signaling by Activated Protein C in Endothelial Cells Is PAR1 Dependent but Distinct from Thrombin Signaling.. <i>Blood</i> , 2004 , 104, 221-221	2.2	1

43	Protease-activated receptors (PAR1 and PAR2) contribute to tumor cell motility and metastasis. <i>Molecular Cancer Research</i> , 2004 , 2, 395-402	6.6	98
42	Protease-Activated Receptors (PAR1 and PAR2) Contribute to Tumor Cell Motility and Metastasis. <i>Molecular Cancer Research</i> , 2004 , 2, 395-402	6.6	164
41	Tissue factor-dependent coagulation protease signaling in acute lung injury. <i>Critical Care Medicine</i> , 2003 , 31, S231-7	1.4	40
40	Regulation of tissue factor cytoplasmic domain phosphorylation by palmitoylation. <i>Blood</i> , 2003 , 102, 3998-4005	2.2	84
39	Tissue factor-dependent signaling in tumor biology. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 2003 , 33 Suppl 1, 28-30		7
38	Specificity of coagulation factor signaling. <i>Journal of Thrombosis and Haemostasis</i> , 2003 , 1, 1495-503	15.4	175
37	The tissue factor/factor VIIa/factor Xa complex: a model built by docking and site-directed mutagenesis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 53, 640-8	4.2	50
36	Science review: role of coagulation protease cascades in sepsis. <i>Critical Care</i> , 2003 , 7, 123-9	10.8	78
35	Differential role of tissue factor pathway inhibitors 1 and 2 in melanoma vasculogenic mimicry. <i>Cancer Research</i> , 2003 , 63, 5381-9	10.1	82
34	Activation of endothelial cell protease activated receptor 1 by the protein C pathway. <i>Science</i> , 2002 , 296, 1880-2	33.3	723
33	Role of zymogen and activated factor X as scaffolds for the inhibition of the blood coagulation factor VIIa-tissue factor complex by recombinant nematode anticoagulant protein c2. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10063-71	5.4	75
32	Mechanistic coupling of protease signaling and initiation of coagulation by tissue factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 7742-7	11.5	275
31	Molecular regulation of blood clotting in tumor biology. <i>Haemostasis</i> , 2001 , 31 Suppl 1, 5-7		4
30	Exosite interactions determine the affinity of factor X for the extrinsic Xase complex. <i>Journal of Biological Chemistry</i> , 2000 , 275, 28826-33	5.4	71
29	Reversible regulation of tissue factor-induced coagulation by glycosyl phosphatidylinositol-anchored tissue factor pathway inhibitor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 874-82	9.4	74
28	Role of residue Phe225 in the cofactor-mediated, allosteric regulation of the serine protease coagulation factor VIIa. <i>Biochemistry</i> , 2000 , 39, 14457-63	3.2	38
27	Dimerization of tissue factor supports solution-phase autoactivation of factor VII without influencing proteolytic activation of factor X. <i>Biochemistry</i> , 2000 , 39, 11467-76	3.2	28
26	Diverse functions of protease receptor tissue factor in inflammation and metastasis. <i>Immunologic Research</i> , 2000 , 21, 289-92	4.3	10

25	Macromolecular substrate affinity for the tissue factor-factor VIIa complex is independent of scissile bond docking. <i>Journal of Biological Chemistry</i> , 1999 , 274, 24171-5	5.4	36
24	Importance of factor VIIa Gla-domain residue Arg-36 for recognition of the macromolecular substrate factor X Gla-domain. <i>Biochemistry</i> , 1999 , 38, 1957-66	3.2	48
23	Regulation of the catalytic function of coagulation factor VIIa by a conformational linkage of surface residue Glu 154 to the active site. <i>Biochemistry</i> , 1999 , 38, 2745-51	3.2	31
22	Tumor cell adhesion and migration supported by interaction of a receptor-protease complex with its inhibitor. <i>Journal of Clinical Investigation</i> , 1999 , 104, 1213-21	15.9	68
21	Tissue factor signaling. <i>Thrombosis and Haemostasis</i> , 1999 , 82, 175-82	7	14
20	Allosteric regulation of the cofactor-dependent serine protease coagulation factor VIIa. <i>Trends in Cardiovascular Medicine</i> , 1998 , 8, 350-6	6.9	37
19	The mechanism of an inhibitory antibody on TF-initiated blood coagulation revealed by the crystal structures of human tissue factor, Fab 5G9 and TF.G9 complex. <i>Journal of Molecular Biology</i> , 1998 , 275, 873-94	6.5	105
18	Influence of cofactor binding and active site occupancy on the conformation of the macromolecular substrate exosite of factor VIIa. <i>Journal of Molecular Biology</i> , 1998 , 277, 959-71	6.5	48
17	A role for tissue factor in cell adhesion and migration mediated by interaction with actin-binding protein 280. <i>Journal of Cell Biology</i> , 1998 , 140, 1241-53	7.3	265
16	The interaction of activated factor VII with tissue factor: insight into the mechanism of cofactor-mediated activation of activated factor VII. <i>Blood Coagulation and Fibrinolysis</i> , 1998 , 9 Suppl 1, S73-8	1	1
15	The Structural Basis of Function of the TF?VIIa Complex in the Cellular Initiation of Coagulation. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 401-405	7	39
14	Identification of surface residues mediating tissue factor binding and catalytic function of the serine protease factor VIIa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 14379-84	11.5	170
13	Tissue Factor residue Asp44 regulates catalytic function of the bound proteinase Factor VIIa. <i>Biochemical Journal</i> , 1996 , 315 (Pt 1), 145-51	3.8	15
12	Tissue factor: molecular recognition and cofactor function. <i>FASEB Journal</i> , 1995 , 9, 852-9	0.9	92
11	Recombinant soluble human tissue factor secreted by <i>Saccharomyces cerevisiae</i> and refolded from <i>Escherichia coli</i> inclusion bodies: glycosylation of mutants, activity and physical characterization. <i>Biochemical Journal</i> , 1995 , 310 (Pt 2), 605-14	3.8	82
10	Tissue factor mediates prolonged procoagulant activity on the luminal surface of balloon-injured aortas in rabbits. <i>Circulation</i> , 1995 , 92, 3323-30	16.7	58
9	Structural biology of tissue factor, the initiator of thrombogenesis in vivo ¹ . <i>FASEB Journal</i> , 1994 , 8, 385-390	9.9	193
8	Structural biology of tissue factor, the initiator of thrombogenesis in vivo. <i>FASEB Journal</i> , 1994 , 8, 385-90	9.9	42

7	Cofactor residues lysine 165 and 166 are critical for protein substrate recognition by the tissue factor-factor VIIa protease complex. <i>Journal of Biological Chemistry</i> , 1992 , 267, 6375-81	5-4	59
6	Tissue factor residues 157-167 are required for efficient proteolytic activation of factor X and factor VII. <i>Journal of Biological Chemistry</i> , 1992 , 267, 22206-10	5-4	39
5	Tissue factor residues 157-167 are required for efficient proteolytic activation of factor X and factor VII.. <i>Journal of Biological Chemistry</i> , 1992 , 267, 22206-22210	5-4	40
4	Two sites in the tissue factor extracellular domain mediate the recognition of the ligand factor VIIa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 8430-4	11-5	37
3	An anti-tissue factor monoclonal antibody which inhibits TF.VIIa complex is a potent anticoagulant in plasma. <i>Thrombosis and Haemostasis</i> , 1991 , 66, 529-33	7	23
2	The Structural Biology of Expression and Function of Tissue Factor. <i>Thrombosis and Haemostasis</i> , 1991 , 66, 067-079	7	383
1	An Anti-Tissue Factor Monoclonal Antibody which Inhibits TF VIIa Complex Is a Potent Anticoagulant in Plasma. <i>Thrombosis and Haemostasis</i> , 1991 , 66, 529-533	7	64