

James H Morrissey

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3147191/james-h-morrissey-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

216
papers

15,461
citations

56
h-index

121
g-index

242
ext. papers

16,670
ext. citations

7.9
avg, IF

6.65
L-index

#	Paper	IF	Citations
216	Silver stain for proteins in polyacrylamide gels: a modified procedure with enhanced uniform sensitivity. <i>Analytical Biochemistry</i> , 1981 , 117, 307-10	3.1	3836
215	Selective cellular expression of tissue factor in human tissues. Implications for disorders of hemostasis and thrombosis. <i>American Journal of Pathology</i> , 1989 , 134, 1087-97	5.8	816
214	Platelet polyphosphates are proinflammatory and procoagulant mediators in vivo. <i>Cell</i> , 2009 , 139, 1143-56	5.2	605
213	Extracellular histones promote thrombin generation through platelet-dependent mechanisms: involvement of platelet TLR2 and TLR4. <i>Blood</i> , 2011 , 118, 1952-61	2.2	544
212	Activated platelets signal chemokine synthesis by human monocytes. <i>Journal of Clinical Investigation</i> , 1996 , 97, 1525-34	15.9	447
211	Polyphosphate modulates blood coagulation and fibrinolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 903-8	11.5	420
210	Prothrombotic autoantibodies in serum from patients hospitalized with COVID-19. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	277
209	Polyphosphate: an ancient molecule that links platelets, coagulation, and inflammation. <i>Blood</i> , 2012 , 119, 5972-9	2.2	268
208	Molecular cloning of the cDNA for tissue factor, the cellular receptor for the initiation of the coagulation protease cascade. <i>Cell</i> , 1987 , 50, 129-35	56.2	263
207	Lethal E. coli septic shock is prevented by blocking tissue factor with monoclonal antibody. <i>Circulatory Shock</i> , 1991 , 33, 127-34		263
206	Regulation of tissue factor gene expression in the monocyte procoagulant response to endotoxin. <i>Molecular and Cellular Biology</i> , 1989 , 9, 2752-5	4.8	259
205	Polyphosphate exerts differential effects on blood clotting, depending on polymer size. <i>Blood</i> , 2010 , 116, 4353-9	2.2	219
204	Functional tissue factor is entirely cell surface expressed on lipopolysaccharide-stimulated human blood monocytes and a constitutively tissue factor-producing neoplastic cell line. <i>Journal of Cell Biology</i> , 1989 , 109, 389-95	7.3	188
203	Complete sequence of the human tissue factor gene, a highly regulated cellular receptor that initiates the coagulation protease cascade. <i>Biochemistry</i> , 1989 , 28, 1755-62	3.2	188
202	Differential expression of tissue factor protein in directional atherectomy specimens from patients with stable and unstable coronary syndromes. <i>Circulation</i> , 1995 , 91, 619-22	16.7	181
201	How it all starts: Initiation of the clotting cascade. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015 , 50, 326-36	8.7	176
200	Polyphosphate is a cofactor for the activation of factor XI by thrombin. <i>Blood</i> , 2011 , 118, 6963-70	2.2	175

199	Polyphosphate enhances fibrin clot structure. <i>Blood</i> , 2008 , 112, 2810-6	2.2	167
198	Adhesive receptor Mac-1 coordinates the activation of factor X on stimulated cells of monocytic and myeloid differentiation: an alternative initiation of the coagulation protease cascade. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988 , 85, 7462-6	11.5	165
197	Activation of coagulation and angiogenesis in cancer: immunohistochemical localization in situ of clotting proteins and vascular endothelial growth factor in human cancer. <i>American Journal of Pathology</i> , 1998 , 152, 399-411	5.8	164
196	Factor XII inhibition reduces thrombus formation in a primate thrombosis model. <i>Blood</i> , 2014 , 123, 1739-46	15.4	152
195	Cytoplasmic domain of P-selectin (CD62) contains the signal for sorting into the regulated secretory pathway. <i>Molecular Biology of the Cell</i> , 1992 , 3, 309-21	3.5	144
194	Comparison of novel hemostatic factors and conventional risk factors for prediction of coronary heart disease. <i>Circulation</i> , 2000 , 102, 2816-22	16.7	140
193	Monoclonal antibody analysis of purified and cell-associated tissue factor. <i>Thrombosis Research</i> , 1988 , 52, 247-61	8.2	137
192	Phospholipid-independent and -dependent interactions required for tissue factor receptor and cofactor function. <i>Journal of Biological Chemistry</i> , 1991 , 266, 2158-2166	5.4	134
191	Phospholipid-independent and -dependent interactions required for tissue factor receptor and cofactor function. <i>Journal of Biological Chemistry</i> , 1991 , 266, 2158-66	5.4	121
190	The local phospholipid environment modulates the activation of blood clotting. <i>Journal of Biological Chemistry</i> , 2007 , 282, 6556-63	5.4	117
189	Inhibition of polyphosphate as a novel strategy for preventing thrombosis and inflammation. <i>Blood</i> , 2012 , 120, 5103-10	2.2	98
188	Phosphatidylethanolamine augments factor VIIa-tissue factor activity: enhancement of sensitivity to phosphatidylserine. <i>Biochemistry</i> , 1995 , 34, 13988-93	3.2	97
187	Tissue factor contributes to microvascular defects after focal cerebral ischemia. <i>Stroke</i> , 1993 , 24, 847-53; discussion 847	6.7	95
186	The timing of cell-type-specific differentiation in Dictyostelium discoideum. <i>Developmental Biology</i> , 1984 , 103, 414-24	3.1	95
185	Atomic view of calcium-induced clustering of phosphatidylserine in mixed lipid bilayers. <i>Biochemistry</i> , 2011 , 50, 2264-73	3.2	86
184	Role of the membrane surface in the activation of human coagulation factor X. <i>Journal of Biological Chemistry</i> , 1992 , 267, 26110-20	5.4	85
183	Encryption remains cryptic. <i>Blood</i> , 2007 , 110, 3822-3823	2.2	78
182	Polyphosphate as a general procoagulant agent. <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 1750-61	5.4	77

181	Molecular determinants of phospholipid synergy in blood clotting. <i>Journal of Biological Chemistry</i> , 2011 , 286, 23247-53	5.4	76
180	Expression and purification of a soluble tissue factor fusion protein with an epitope for an unusual calcium-dependent antibody. <i>Protein Expression and Purification</i> , 1992 , 3, 453-60	2	75
179	Functional analysis of the human tissue factor promoter and induction by serum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 2254-8	11.5	75
178	Factor VII autoactivation proceeds via interaction of distinct protease-cofactor and zymogen-cofactor complexes. Implications of a two-dimensional enzyme kinetic mechanism. <i>Journal of Biological Chemistry</i> , 1993 , 268, 21489-92	5.4	74
177	Quantitation of activated factor VII levels in plasma using a tissue factor mutant selectively deficient in promoting factor VII activation. <i>Blood</i> , 1993 , 81, 734-44	2.2	74
176	Roles of the membrane-interactive regions of factor VIIa and tissue factor. The factor VIIa Gla domain is dispensable for binding to tissue factor but important for activation of factor X. <i>Journal of Biological Chemistry</i> , 1994 , 269, 8007-13	5.4	72
175	Epidemiological and genetic associations of activated factor XII concentration with factor VII activity, fibrinopeptide A concentration, and risk of coronary heart disease in men. <i>Circulation</i> , 2000 , 102, 2058-62	16.7	71
174	Factor VII-Deficient Substrate Plasmas Depleted of Protein C Raise the Sensitivity of the Factor VII Bio-Assay to Activated Factor VII: an International Study. <i>Thrombosis and Haemostasis</i> , 1994 , 71, 038-048 ⁷		71
173	Polyphosphate as modulator of hemostasis, thrombosis, and inflammation. <i>Journal of Thrombosis and Haemostasis</i> , 2015 , 13 Suppl 1, S92-7	15.4	69
172	Tissue factor: a key molecule in hemostatic and nonhemostatic systems. <i>International Journal of Hematology</i> , 2004 , 79, 103-8	2.3	69
171	Deletion of the membrane anchoring region of tissue factor abolishes autoactivation of factor VII but not cofactor function. Analysis of a mutant with a selective deficiency in activity. <i>Journal of Biological Chemistry</i> , 1992 , 267, 14477-82	5.4	68
170	Nontoxic polyphosphate inhibitors reduce thrombosis while sparing hemostasis. <i>Blood</i> , 2014 , 124, 3183-90		66
169	Influence of fatty acid chain length and cis/trans isomerization on postprandial lipemia and factor VII in healthy subjects (postprandial lipids and factor VII). <i>Atherosclerosis</i> , 2000 , 149, 413-20	3.1	64
168	FXIa and platelet polyphosphate as therapeutic targets during human blood clotting on collagen/tissue factor surfaces under flow. <i>Blood</i> , 2015 , 126, 1494-502	2.2	62
167	Regulation of tissue factor gene expression in the monocyte procoagulant response to endotoxin. <i>Molecular and Cellular Biology</i> , 1989 , 9, 2752-2755	4.8	62
166	Sensitive fluorescence detection of polyphosphate in polyacrylamide gels using 4S6-diamidino-2-phenylindol. <i>Electrophoresis</i> , 2007 , 28, 3461-5	3.6	61
165	Down-regulation of monocyte tissue factor mediated by tissue factor pathway inhibitor and the low density lipoprotein receptor-related protein. <i>Journal of Biological Chemistry</i> , 1999 , 274, 4962-9	5.4	61
164	Factor XII promotes blood coagulation independent of factor XI in the presence of long-chain polyphosphates. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1341-52	15.4	58

163	Substrate recognition by tissue factor-factor VIIa. Evidence for interaction of residues Lys165 and Lys166 of tissue factor with the 4-carboxyglutamate-rich domain of factor X. <i>Journal of Biological Chemistry</i> , 1996 , 271, 21752-7	5.4	57
162	Differential synthesis of spore coat proteins in prespore and prestalk cells of <i>Dictyostelium</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982 , 79, 7361-5	11.5	57
161	Rapid and efficient incorporation of tissue factor into liposomes. <i>Journal of Thrombosis and Haemostasis</i> , 2004 , 2, 1155-62	15.4	56
160	The location of the active site of blood coagulation factor VIIa above the membrane surface and its reorientation upon association with tissue factor. A fluorescence energy transfer study. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28168-75	5.4	56
159	Phosphoramidate end labeling of inorganic polyphosphates: facile manipulation of polyphosphate for investigating and modulating its biological activities. <i>Biochemistry</i> , 2010 , 49, 9935-41	3.2	55
158	Regulation of macrophage procoagulant responses by the tissue factor cytoplasmic domain in endotoxemia. <i>Blood</i> , 2007 , 109, 5251-9	2.2	54
157	Pattern formation in <i>Dictyostelium discoideum</i> : an analysis of mutants altered in cell proportioning. <i>Developmental Biology</i> , 1981 , 83, 1-8	3.1	54
156	Affinity-based design of a synthetic universal reversal agent for heparin anticoagulants. <i>Science Translational Medicine</i> , 2014 , 6, 260ra150	17.5	52
155	Tissue Factor Localization in Non-Human Primate Cerebral Tissue. <i>Thrombosis and Haemostasis</i> , 1992 , 68, 642-647	7	52
154	Tissue factor as a proinflammatory agent. <i>Arthritis Research</i> , 2002 , 4, 190-5		49
153	Polyphosphate: a new player in the field of hemostasis. <i>Current Opinion in Hematology</i> , 2014 , 21, 388-94	3.3	46
152	Polyphosphate is a novel cofactor for regulation of complement by a serpin, C1 inhibitor. <i>Blood</i> , 2016 , 128, 1766-76	2.2	46
151	Polyphosphate, platelets, and coagulation. <i>International Journal of Laboratory Hematology</i> , 2015 , 37 Suppl 1, 31-5	2.5	45
150	Polyphosphate: a link between platelets, coagulation and inflammation. <i>International Journal of Hematology</i> , 2012 , 95, 346-52	2.3	45
149	Tissue factor positions and maintains the factor VIIa active site far above the membrane surface even in the absence of the factor VIIa Gla domain. A fluorescence resonance energy transfer study. <i>Journal of Biological Chemistry</i> , 1997 , 272, 30160-6	5.4	44
148	Clotting activity of polyphosphate-functionalized silica nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4018-22	16.4	43
147	Dynamical view of membrane binding and complex formation of human factor VIIa and tissue factor. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 1044-53	15.4	43
146	Resolution of monomeric and heterodimeric forms of tissue factor, the high-affinity cellular receptor for factor VII. <i>Thrombosis Research</i> , 1988 , 50, 481-93	8.2	43

145	Polyphosphate accelerates factor V activation by factor XIa. <i>Thrombosis and Haemostasis</i> , 2015 , 113, 599-604	7	42
144	Polyphosphate binds with high affinity to exosite II of thrombin. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 548-55	15.4	42
143	Polyphosphate suppresses complement via the terminal pathway. <i>Blood</i> , 2014 , 123, 768-76	2.2	41
142	Analysis of the functions of the first epidermal growth factor-like domain of factor X. <i>Journal of Biological Chemistry</i> , 1993 , 268, 8176-80	5.4	41
141	Importance of Substrate Composition, pH and Other Variables on Tissue Factor Enhancement of Factor VIIa Activity. <i>Thrombosis and Haemostasis</i> , 1993 , 70, 0970-0977	7	41
140	Size-controlled synthesis of granular polyphosphate nanoparticles at physiologic salt concentrations for blood clotting. <i>Biomacromolecules</i> , 2014 , 15, 3976-84	6.9	40
139	The dimeric structure of factor XI and zymogen activation. <i>Blood</i> , 2013 , 121, 3962-9	2.2	39
138	Polyphosphate/platelet factor 4 complexes can mediate heparin-independent platelet activation in heparin-induced thrombocytopenia. <i>Blood Advances</i> , 2016 , 1, 62-74	7.8	37
137	Factor VIIa-Tissue Factor: Functional Importance of Protein-Membrane Interactions. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 112-116	7	37
136	Blood clotting reactions on nanoscale phospholipid bilayers. <i>Thrombosis Research</i> , 2008 , 122 Suppl 1, S23-6	8.2	35
135	Two-stage response to endotoxin infusion into normal human subjects: Correlation of blood phagocyte luminescence with clinical and laboratory markers of the inflammatory, hemostatic response. <i>Critical Care Medicine</i> , 2001 , 29, 326-34	1.4	35
134	The biochemical basis for the apparent defect of soluble mutant tissue factor in enhancing the proteolytic activities of factor VIIa. <i>Journal of Biological Chemistry</i> , 1994 , 269, 143-9	5.4	34
133	Tissue factor: an enzyme cofactor and a true receptor. <i>Thrombosis and Haemostasis</i> , 2001 , 86, 66-74	7	34
132	Phospholipid composition controls thromboplastin sensitivity to individual clotting factors. <i>Journal of Thrombosis and Haemostasis</i> , 2006 , 4, 820-7	15.4	33
131	Polyphosphate in thrombosis, hemostasis, and inflammation. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019 , 3, 18-25	5.1	33
130	Correlation of factor VIIa values with factor VII gene polymorphism, fasting and postprandial triglyceride levels, and subclinical carotid atherosclerosis. <i>Circulation</i> , 1998 , 98, 2815-21	16.7	32
129	Alteration of the substrate and inhibitor specificities of blood coagulation factor VIIa: importance of amino acid residue K192. <i>Biochemistry</i> , 1995 , 34, 8701-7	3.2	31
128	Factor XI anion-binding sites are required for productive interactions with polyphosphate. <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 2020-8	15.4	30

127	Proteolytic inactivation of tissue factor pathway inhibitor by bacterial omptins. <i>Blood</i> , 2009 , 113, 1139-48.2		30
126	Gender-related differences in thrombogenic factors predicting recurrent cardiac events in patients after acute myocardial infarction. The THROMBO Investigators. <i>American Journal of Cardiology</i> , 2000 , 85, 1401-8	3	29
125	Structure-Function Relationship of the Interaction between Tissue Factor and Factor VIIa. <i>Seminars in Thrombosis and Hemostasis</i> , 2015 , 41, 682-90	5.3	27
124	New Loci in DICTYOSTELIUM DISCOIDEUM Determining Pigment Formation and Growth on BACILLUS SUBTILIS. <i>Genetics</i> , 1980 , 96, 115-23	4	27
123	Alteration of blood clotting and lung damage by protamine are avoided using the heparin and polyphosphate inhibitor UHRA. <i>Blood</i> , 2017 , 129, 1368-1379	2.2	26
122	Factor VII and protein C are phosphatidic acid-binding proteins. <i>Biochemistry</i> , 2013 , 52, 5545-52	3.2	26
121	Relationship between markers of activated coagulation, their correlation with inflammation, and association with coronary heart disease (NPHSII). <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 259-67	15.4	26
120	Tissue factor: in at the start...and the finish?. <i>Journal of Thrombosis and Haemostasis</i> , 2003 , 1, 878-80	15.4	25
119	Prothrombotic antiphospholipid antibodies in COVID-19 2020 ,		25
118	Properties of recombinant human thromboplastin that determine the International Sensitivity Index (ISI). <i>Journal of Thrombosis and Haemostasis</i> , 2004 , 2, 1610-6	15.4	24
117	Enzymatically oxidized phospholipids restore thrombin generation in coagulation factor deficiencies. <i>JCI Insight</i> , 2018 , 3,	9.9	24
116	Inorganic polyphosphate interacts with nucleolar and glycosomal proteins in trypanosomatids. <i>Molecular Microbiology</i> , 2018 , 110, 973-994	4.1	24
115	FVII, FVIIa, and downstream markers of extrinsic pathway activation differ by EPCR Ser219Gly variant in healthy men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1968-74	9.4	23
114	Protein-membrane interactions: blood clotting on nanoscale bilayers. <i>Journal of Thrombosis and Haemostasis</i> , 2009 , 7 Suppl 1, 169-72	15.4	23
113	Colloidal Confinement of Polyphosphate on Gold Nanoparticles Robustly Activates the Contact Pathway of Blood Coagulation. <i>Bioconjugate Chemistry</i> , 2016 , 27, 102-9	6.3	23
112	Nanoscale studies of protein-membrane interactions in blood clotting. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9 Suppl 1, 162-7	15.4	22
111	Relationship between markers of activated coagulation, their correlation with inflammation, and association with coronary heart disease (NPHSII). <i>Journal of Thrombosis and Haemostasis</i> , 2008 , 6, 259-267	15.4	22
110	Restoring full biological activity to the isolated ectodomain of an integral membrane protein. <i>Biochemistry</i> , 2006 , 45, 3769-74	3.2	22

109	Dexamethasone enhances agonist induction of tissue factor in monocytes but not in endothelial cells. <i>Blood Coagulation and Fibrinolysis</i> , 1993 , 4, 405-14	1	22
108	Bacterial polyphosphates interfere with the innate host defense to infection. <i>Nature Communications</i> , 2020 , 11, 4035	17.4	22
107	Polyphosphate and RNA Differentially Modulate the Contact Pathway of Blood Clotting. <i>Journal of Biological Chemistry</i> , 2017 , 292, 1808-1814	5.4	21
106	Tissue factor expression in mesothelial cells: induction both in vivo and in vitro. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997 , 17, 164-72	5.7	21
105	Activated and total coagulation factor VII, and fibrinogen in coronary artery disease. <i>Scandinavian Cardiovascular Journal</i> , 1998 , 32, 87-95	2	21
104	Monoclonal antibodies specific for stalk differentiation in Dictyostelium discoideum. <i>Cell Differentiation</i> , 1984 , 14, 205-11		21
103	Parasexual Genetic Analysis of Cell Proportioning Mutants of DICTYOSTELIUM DISCOIDEUM. <i>Genetics</i> , 1981 , 99, 183-96	4	21
102	Factor XII Activation Promotes Platelet Consumption in the Presence of Bacterial-Type Long-Chain Polyphosphate In Vitro and In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1748-1760	9.4	21
101	Protein-phospholipid interactions in blood clotting. <i>Thrombosis Research</i> , 2010 , 125 Suppl 1, S23-5	8.2	20
100	Tissue factor interactions with factor VII. <i>Blood Coagulation and Fibrinolysis</i> , 1995 , 6, S14-S19	1	20
99	Factor VIIa-tissue factor: functional importance of protein-membrane interactions. <i>Thrombosis and Haemostasis</i> , 1997 , 78, 112-6	7	20
98	Artificial Dense Granules: A Procoagulant Liposomal Formulation Modeled after Platelet Polyphosphate Storage Pools. <i>Biomacromolecules</i> , 2016 , 17, 2572-81	6.9	19
97	Tissue factor/factor VIIa complex: role of the membrane surface. <i>Thrombosis Research</i> , 2012 , 129 Suppl 2, S8-10	8.2	19
96	Whole-blood platelet aggregation predicts in vitro and in vivo primary hemostatic function in the elderly. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 748-53	9.4	19
95	Silica particles contribute to the procoagulant activity of DNA and polyphosphate isolated using commercial kits. <i>Blood</i> , 2017 , 130, 88-91	2.2	18
94	A soluble tissue factor-annexin V chimeric protein has both procoagulant and anticoagulant properties. <i>Blood</i> , 2006 , 107, 980-6	2.2	18
93	Lipid specificity of the membrane binding domain of coagulation factor X. <i>Journal of Thrombosis and Haemostasis</i> , 2017 , 15, 2005-2016	15.4	17
92	Polyphosphate and omptins: novel bacterial procoagulant agents. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 4146-53	5.6	17

91	Platelet-Derived Short-Chain Polyphosphates Enhance the Inactivation of Tissue Factor Pathway Inhibitor by Activated Coagulation Factor XI. <i>PLoS ONE</i> , 2016 , 11, e0165172	3.7	17
90	Raising the active site of factor VIIa above the membrane surface reduces its procoagulant activity but not factor VII autoactivation. <i>Journal of Biological Chemistry</i> , 2006 , 281, 26062-8	5.4	16
89	Differentiation-related death of an established keratinocyte line in suspension culture. <i>Journal of Cellular Physiology</i> , 1978 , 97, 469-76	7	16
88	Tissue factor localization in non-human primate cerebral tissue. <i>Thrombosis and Haemostasis</i> , 1992 , 68, 642-7	7	16
87	Tissue factor residues that putatively interact with membrane phospholipids. <i>PLoS ONE</i> , 2014 , 9, e88675	3.7	16
86	Haplotype and genotype effects of the F7 gene on circulating factor VII, coagulation activation markers and incident coronary heart disease in UK men. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 2394-403	15.4	15
85	Heparin is procoagulant in the absence of antithrombin. <i>Thrombosis and Haemostasis</i> , 2008 , 100, 160-2	7	15
84	Traces of factor VIIa modulate thromboplastin sensitivity to factors V, VII, X, and prothrombin. <i>Journal of Thrombosis and Haemostasis</i> , 2006 , 4, 1553-8	15.4	15
83	Effect of soluble tissue factor on the kinetic mechanism of factor VIIa: enhancement of p-guanidinobenzoate substrate hydrolysis. <i>Biochemistry</i> , 1996 , 35, 7100-6	3.2	15
82	Thromboplastin Composition Affects the Sensitivity of Prothrombin Time (PT) Clotting Tests To Direct Factor Xa Inhibitors.. <i>Blood</i> , 2007 , 110, 928-928	2.2	15
81	Haemostatic factors in human peripheral afferent lymph. <i>Thrombosis and Haemostasis</i> , 2000 , 83, 427-32	7	15
80	Factor VII Activation, Apolipoprotein A-I and Reverse Cholesterol Transport: Possible Relevance for Postprandial Lipaemia. <i>Thrombosis and Haemostasis</i> , 2002 , 87, 477-482	7	14
79	Polyphosphate, Zn and high molecular weight kininogen modulate individual reactions of the contact pathway of blood clotting. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 2131-2140	15.4	13
78	Proteolysis of blood coagulation factor VIII by the factor VIIa-tissue factor complex: generation of an inactive factor VIII cofactor. <i>Biochemistry</i> , 1999 , 38, 6529-36	3.2	13
77	Tissue Factor Modulation of Factor VIIa Activity: Use in Measuring Trace Levels of Factor VIIa in Plasma. <i>Thrombosis and Haemostasis</i> , 1995 , 74, 185-188	7	13
76	Factor VIIa/tissue factor generates a form of factor V with unchanged specific activity, resistance to activation by thrombin, and increased sensitivity to activated protein C. <i>Biochemistry</i> , 1999 , 38, 1829-37	3.2	12
75	Reply from Morrissey and Edgington. <i>Cell</i> , 1988 , 52, 639-640	56.2	12
74	Ability of Polyphosphate and Nucleic Acids to Trigger Blood Clotting: Some Observations and Caveats. <i>Frontiers in Medicine</i> , 2018 , 5, 107	4.9	11

73	Relationships of plasma factor VIIa-antithrombin complexes to manifest and future cardiovascular disease. <i>Thrombosis Research</i> , 2012 , 130, 221-5	8.2	11
72	Immobilized transition metal ions stimulate contact activation and drive factor XII-mediated coagulation. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 2108-15	15.4	11
71	Tissue factor modulation of factor VIIa activity: use in measuring trace levels of factor VIIa in plasma. <i>Thrombosis and Haemostasis</i> , 1995 , 74, 185-8	7	11
70	Polyphosphate multi-tasks. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 2313-4	15.4	10
69	The cofactor function of the N-terminal domain of tissue factor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39745-9	5.4	10
68	Importance of substrate composition, pH and other variables on tissue factor enhancement of factor VIIa activity. <i>Thrombosis and Haemostasis</i> , 1993 , 70, 970-7	7	10
67	Procoagulant Response of the Endothelium and Monocytes 1993 , 564-574		10
66	Factor VII-deficient substrate plasmas depleted of protein C raise the sensitivity of the factor VII bio-assay to activated factor VII: an international study. <i>Thrombosis and Haemostasis</i> , 1994 , 71, 38-48	7	9
65	Cell Proportioning and Pattern Formation 1982 , 411-449		9
64	Calcium-Induced Lipid Nanocluster Structures: Sculpturing of the Plasma Membrane. <i>Biochemistry</i> , 2018 , 57, 6897-6905	3.2	9
63	2013 scientific sessions Sol Sherry distinguished lecture in thrombosis: polyphosphate: a novel modulator of hemostasis and thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1298-305	9.4	8
62	Tissue Factor Residues That Modulate Magnesium-Dependent Rate Enhancements of the Tissue Factor/Factor VIIa Complex. <i>Biochemistry</i> , 2015 , 54, 4665-71	3.2	8
61	DNA ladders can be used to size polyphosphate resolved by polyacrylamide gel electrophoresis. <i>Electrophoresis</i> , 2018 , 39, 2454-2459	3.6	8
60	Synthesis and evaluation of chromogenic and fluorogenic substrates for high-throughput detection of enzymes that hydrolyze inorganic polyphosphate. <i>Biomacromolecules</i> , 2014 , 15, 3190-6	6.9	8
59	Localization of Short-Chain Polyphosphate Enhances its Ability to Clot Flowing Blood Plasma. <i>Scientific Reports</i> , 2017 , 7, 42119	4.9	8
58	Biochemical analysis of pleiotropy in Dictyostelium. <i>Developmental Biology</i> , 1978 , 63, 243-6	3.1	8
57	Differential Roles for the Coagulation Factors XI and XII in Regulating the Physical Biology of Fibrin. <i>Annals of Biomedical Engineering</i> , 2017 , 45, 1328-1340	4.7	7
56	Experimental Protein Structure Verification by Scoring with a Single, Unassigned NMR Spectrum. <i>Structure</i> , 2015 , 23, 1958-1966	5.2	7

55	Design of Polyphosphate Inhibitors: A Molecular Dynamics Investigation on Polyethylene Glycol-Linked Cationic Binding Groups. <i>Biomacromolecules</i> , 2018 , 19, 1358-1367	6.9	7
54	A selective defect in tissue factor mRNA expression in monocytes from AIDS patients. <i>Clinical Immunology and Immunopathology</i> , 1990 , 54, 1-13		7
53	An unusual antibody that blocks tissue factor/factor VIIa function by inhibiting cleavage only of macromolecular substrates. <i>Blood</i> , 1992 , 80, 3127-34	2.2	7
52	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide. <i>JCI Insight</i> , 2021 , 6,	9.9	7
51	The influence exerted by a restricted phospholipid microenvironment on the expression of tissue factor activity at the cell plasma membrane surface. <i>Thrombosis and Haemostasis</i> , 2000 , 83, 282-9	7	7
50	Nomenclature of factor XI and the contact system. <i>Journal of Thrombosis and Haemostasis</i> , 2019 , 17, 2216-2219	15.4	6
49	CD Antigens 2001. <i>Modern Pathology</i> , 2002 , 15, 71-6	9.8	6
48	Activation of factor VII during alimentary lipemia occurs in healthy adults and patients with congenital factor XII or factor XI deficiency, but not in patients with factor IX deficiency. <i>Blood</i> , 1996 , 87, 4187-96	2.2	6
47	Biotechnological synthesis of water-soluble food-grade polyphosphate with <i>Saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 2020 , 117, 2089-2099	4.9	5
46	Clotting Activity of Polyphosphate-Functionalized Silica Nanoparticles. <i>Angewandte Chemie</i> , 2015 , 127, 4090-4094	3.6	5
45	Influence of membrane composition on the enhancement of factor VIIa/tissue factor activity by magnesium ions. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 770-2	7	5
44	Backbone 1H, 13C and 15N resonance assignments of the extracellular domain of tissue factor. <i>Biomolecular NMR Assignments</i> , 2010 , 4, 183-5	0.7	5
43	Activated factor VII levels in patients with angiographically confirmed coronary artery disease. <i>American Journal of Cardiology</i> , 1997 , 80, 217-9	3	5
42	Clotting hits the wall. <i>Blood</i> , 2005 , 105, 3-4	2.2	5
41	Platelet polyphosphate induces fibroblast chemotaxis and myofibroblast differentiation. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 3043-3052	15.4	5
40	Multiplexed silicon photonic sensor arrays enable facile characterization of coagulation protein binding to nanodiscs with variable lipid content. <i>Journal of Biological Chemistry</i> , 2017 , 292, 16249-16256 ⁵⁻⁴		4
39	Tissue factor alters the pK(a) values of catalytically important factor VIIa residues. <i>Biochemistry</i> , 2002 , 41, 3364-71	3.2	4
38	Tissue factor interactions with factor VII: measurement and clinical significance of factor VIIa in plasma. <i>Blood Coagulation and Fibrinolysis</i> , 1995 , 6 Suppl 1, S14-9	1	4

37	Multi-omic analysis in injured humans: Patterns align with outcomes and treatment responses.. <i>Cell Reports Medicine</i> , 2021 , 2, 100478	18	4
36	Resolution of acid-soluble protein component of yolk platelets from <i>Xenopus laevis</i> eggs on polyacrylamide gels. <i>Developmental Biology</i> , 1974 , 39, 168-71	3.1	3
35	Phosphatidylethanolamine-phosphatidylserine binding synergy of seven coagulation factors revealed using Nanodisc arrays on silicon photonic sensors. <i>Scientific Reports</i> , 2020 , 10, 17407	4.9	3
34	High-Resolution NMR Studies of Human Tissue Factor. <i>PLoS ONE</i> , 2016 , 11, e0163206	3.7	3
33	A serine loop in tissue factor mediates substrate selectivity by the tissue factor-factor VIIa complex. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 75-84	15.4	3
32	Coagulation factor VIIa binds to herpes simplex virus 1-encoded glycoprotein C forming a factor X-enhanced tenase complex oriented on membranes. <i>Journal of Thrombosis and Haemostasis</i> , 2020 , 18, 1370-1380	15.4	2
31	One inositol ring to rule thrombosis. <i>Blood</i> , 2013 , 122, 1331-2	2.2	2
30	Plasma factor VIIa: measurement and potential clinical significance. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1996 , 26 Suppl 1, 66-71		2
29	Antibodies to Human Factor XII with Antithrombotic Properties. <i>Blood</i> , 2012 , 120, 1106-1106	2.2	2
28	Thrombin generation abnormalities in commonly encountered platelet function disorders. <i>International Journal of Laboratory Hematology</i> , 2021 , 43, 1557-1565	2.5	2
27	Endothelium-protective, histone-neutralizing properties of the polyanionic agent defibrotide 2021 ,		2
26	Interactions Between Platelets and the Coagulation System 2019 , 393-400		1
25	Needs and challenges among physicians and researchers in thrombosis and hemostasis: Results from an international study. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019 , 3, 626-638	5.1	1
24	Taking the brakes off?. <i>Blood</i> , 2011 , 117, 3939-40	2.2	1
23	Tissue factor and factor VIIa: understanding the molecular mechanism. <i>Thrombosis Research</i> , 2008 , 122 Suppl 1, S1-2	8.2	1
22	FXII Promotes Coagulation in a FXI and FIX Independent Manner. <i>Blood</i> , 2012 , 120, 3362-3362	2.2	1
21	Clotting Dispute. <i>Science</i> , 1996 , 272, 1085-1085	33.3	1
20	Diversification of polyphosphate end-labeling via bridging molecules. <i>PLoS ONE</i> , 2020 , 15, e0237849	3.7	1

19	Deeper understanding of carboxylase. <i>Blood</i> , 2016 , 127, 1841-2	2.2	1
18	Contributions of Platelet Polyphosphate to Hemostasis and Thrombosis 2014 , 236-245		
17	The many domains of TFPI. <i>Thrombosis and Haemostasis</i> , 2012 , 108, 206	7	
16	Low-carb tissue factor?. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 1508-10	15.4	
15	Properties of Recombinant Human Thromboplastin that Determine Sensitivity to Vitamin K-Dependent Coagulation Factors.. <i>Blood</i> , 2004 , 104, 533-533	2.2	
14	Do Elevated Plasma Tissue Factor Pathway Inhibitor (TFPI) Levels Affect Measurement of Factor VIIa?.. <i>Blood</i> , 2004 , 104, 1948-1948	2.2	
13	Cytoplasmic Tail of Tissue Factor(TF): Role in TF Trafficking to Microparticles.. <i>Blood</i> , 2005 , 106, 1936-1936		
12	Coagulation Factor VIIa as a Target 2007 , 1-18		
11	Activated factor VII 1999 , 89-97		
10	Inorganic Polyphosphate in Blood Coagulation 2016 , 159-176		
9	Size Matters: Differential Effects of RNA and Polyphosphate on Blood Clotting. <i>Blood</i> , 2008 , 112, 3074-3074		
8	Platelet Polyphosphate Enhances Factor XI Activation by Thrombin. <i>Blood</i> , 2011 , 118, 377-377	2.2	
7	Phospholipid Synergy in Prothrombinase Activity. <i>Blood</i> , 2011 , 118, 1175-1175	2.2	
6	The Interaction of Coagulation Factor XI with Polyphosphate. <i>Blood</i> , 2012 , 120, 498-498	2.2	
5	Molecular Basis of Phospholipid Synergy in Promoting Blood Coagulation Reactions. <i>Blood</i> , 2012 , 120, 1109-1109	2.2	
4	Coagulation Factor VIIa 2013 , 2905-2908		
3	Surprising phospholipid specificity of two blood clotting proteins: factor VII and protein C. <i>FASEB Journal</i> , 2013 , 27, 1026.2	0.9	
2	Thrombin-Stimulated Platelets Have Functional Binding Sites For Factor VIIIa That Are Distinct From Phosphatidylserine. <i>Blood</i> , 2013 , 122, 3582-3582	2.2	

1 Proteomics of Coagulopathy Following Injury Reveals Limitations of Using Laboratory Assessment to Define Trauma-Induced Coagulopathy to Predict Massive Transfusion. *Annals of Surgery Open*, **2022**, 3, e167

1