

# Egon Persson

## List of Publications by Year in descending order

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54  
papers

1,385  
citations

331538

21  
h-index

345118

36  
g-index

54  
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54  
docs citations

54  
times ranked

793  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beating tissue factor at its own game: Design and properties of a soluble tissue factor-independent coagulation factor VIIa. <i>Journal of Biological Chemistry</i> , 2020, 295, 517-528.	1.6	7
2	Limited factor VII a surface localization requirement of the factor VII induced overall thrombin generation in platelet-rich hemophilia A plasma. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 713-717.	1.0	0
3	Crystal structure, epitope, and functional impact of an antibody against a superactive FVII a provide insights into allosteric mechanism. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 412-419.	1.0	0
4	Allostery in Coagulation Factor VIIa Revealed by Ensemble Refinement of Crystallographic Structures. <i>Biophysical Journal</i> , 2019, 116, 1823-1835.	0.2	7
5	Reagent-specific underestimation of turoctocog alfa pegol (N8-GP) clotting activity owing to decelerated activation by thrombin. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 114-120.	1.0	11
6	Factor VII Tokushima (Cys22 $\rightarrow$ Gly) is not $\gamma$ -carboxylated due to a disrupted $\gamma$ -carboxylase recognition site. <i>Thrombosis Research</i> , 2017, 158, 108-112.	0.8	2
7	Underestimation of N-glycoPEGylated factor IX one-stage clotting activity owing to contact activator-impaired activation. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2017, 1, 259-263.	1.0	14
8	The length of the linker between the epidermal growth factor-like domains in factor VIIa is critical for a productive interaction with tissue factor. <i>Protein Science</i> , 2014, 23, 1717-1727.	3.1	6
9	Sites Involved in Intra- and Interdomain Allostery Associated with the Activation of Factor VIIa Pinpointed by Hydrogen-Deuterium Exchange and Electron Transfer Dissociation Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2014, 289, 35388-35396.	1.6	20
10	In vitro evidence of a tissue factor-independent mode of action of recombinant factor VIIa in hemophilia. <i>Blood</i> , 2014, 124, 3172-3174.	0.6	25
11	A novel B-domain O-glycoPEGylated FVIII (N8-GP) demonstrates full efficacy and prolonged effect in hemophilic mice models. <i>Blood</i> , 2013, 121, 2108-2116.	0.6	112
12	Vatreptacog Alfa from Conception to Clinical Proof of Concept. <i>Seminars in Thrombosis and Hemostasis</i> , 2012, 38, 274-281.	1.5	16
13	Antibody-induced Enhancement of Factor VIIa Activity through Distinct Allosteric Pathways. <i>Journal of Biological Chemistry</i> , 2012, 287, 8994-9001.	1.6	10
14	Novel molecules for the correction of factor Xa generation and phenotype in hemophilia. <i>Thrombosis Research</i> , 2012, 129, S51-S53.	0.8	1
15	Allosteric activation of coagulation factor VIIa. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 3156.	3.0	24
16	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, 5756-5767.	1.6	80
17	Extensive Small-Angle X-ray Scattering Studies of Blood Coagulation Factor VIIa Reveal Interdomain Flexibility. <i>Biochemistry</i> , 2010, 49, 9739-9745.	1.2	11
18	Recombinant coagulation factor VIIa from molecular to clinical aspects of a versatile haemostatic agent. <i>Thrombosis Research</i> , 2010, 125, 483-489.	0.8	31

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19	Current status on tissue factor activation of factor VIIa. <i>Thrombosis Research</i> , 2010, 125, S11-S12.	0.8	9
20	Increased Platelet Binding of NN1731, a Factor VIIa Variant with Enhanced Tissue Factor-Independent Activity.. <i>Blood</i> , 2010, 116, 1133-1133.	0.6	0
21	Fibrin gel structure obtained with a FVIIa analogue with enhanced FX-activating potential in haemophilia. <i>Thrombosis and Haemostasis</i> , 2009, 102, 790-792.	1.8	7
22	Activation loop 3 and the 170 loop interact in the active conformation of coagulation factor VIIa. <i>FEBS Journal</i> , 2009, 276, 3099-3109.	2.2	11
23	Protein disulfide isomerase has no stimulatory chaperone effect on factor X activation by factor VIIa-soluble tissue factor. <i>Thrombosis Research</i> , 2008, 123, 171-176.	0.8	21
24	Mechanism of the Ca <sup>2+</sup> -induced Enhancement of the Intrinsic Factor VIIa Activity. <i>Journal of Biological Chemistry</i> , 2008, 283, 25863-25870.	1.6	11
25	The Origins of Enhanced Activity in Factor VIIa Analogs and the Interplay between Key Allosteric Sites Revealed by Hydrogen Exchange Mass Spectrometry. <i>Journal of Biological Chemistry</i> , 2008, 283, 13378-13387.	1.6	28
26	A Variant of Recombinant Factor VIIa With Enhanced Procoagulant and Antifibrinolytic Activities in an In Vitro Model of Hemophilia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 683-689.	1.1	67
27	A loop of coagulation factor VIIa influencing macromolecular substrate specificity. <i>FEBS Letters</i> , 2007, 581, 71-76.	1.3	4
28	Factor VIIa analogue (V158D/E296V/M298Q-FVIIa) normalises clot formation in whole blood from patients with severe haemophilia A. <i>British Journal of Haematology</i> , 2007, 137, 158-165.	1.2	64
29	A combined structural dynamics approach identifies a putative switch in factor VIIa employed by tissue factor to initiate blood coagulation. <i>Protein Science</i> , 2007, 16, 671-682.	3.1	30
30	Macromolecular substrate affinity for free factor VIIa is independent of a buried protease domain N-terminus. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 28-32.	1.0	9
31	Allosteric Activation of Coagulation Factor VIIa Visualized by Hydrogen Exchange. <i>Journal of Biological Chemistry</i> , 2006, 281, 23018-23024.	1.6	52
32	Transition state analysis of the complex between coagulation factor VIIa and tissue factor: suggesting a sequential domain-binding pathway. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 789-793.	1.0	4
33	Sequential coagulation factor VIIa domain binding to tissue factor. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1276-1282.	1.0	5
34	Inhibitor Haemophilia A - Cases with Reduced Haemostatic Response to Wildtype rFVIIa Who Achieved a Normal Clotting Profile with a Novel Potent Analogue of rFVIIa.. <i>Blood</i> , 2005, 106, 3215-3215.	0.6	0
35	Prevention of I <sup>2</sup> Strand Movement into a Zymogen-like Position Does Not Confer Higher Activity to Coagulation Factor VIIa. <i>Biochemistry</i> , 2004, 43, 14096-14103.	1.2	10
36	Variants of recombinant factor VIIa with increased intrinsic activity. <i>Seminars in Hematology</i> , 2004, 41, 89-92.	1.8	13

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37	Augmented intrinsic activity of Factor VIIa by replacement of residues 305, 314, 337 and 374: evidence of two unique mutational mechanisms of activity enhancement. <i>Biochemical Journal</i> , 2004, 379, 497-503.	1.7	43
38	Probing the interface between factor Xa and tissue factor in the quaternary complex tissue factor-factor VIIa-factor Xa-tissue factor pathway inhibitor. <i>FEBS Journal</i> , 2003, 270, 2576-2582.	0.2	22
39	Site-directed fluorescence probing to dissect the calcium-dependent association between soluble tissue factor and factor VIIa domains. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1648, 12-16.	1.1	3
40	Improved hemostasis with superactive analogs of factor VIIa in a mouse model of hemophilia A. <i>Blood</i> , 2003, 102, 3615-3620.	0.6	103
41	Assignment of molecular properties of a superactive coagulation factor VIIa variant to individual amino acid changes. <i>FEBS Journal</i> , 2002, 269, 5950-5955.	0.2	15
42	Substitution of Aspartic Acid for Methionine-306 in Factor VIIa Abolishes the Allosteric Linkage between the Active Site and the Binding Interface with Tissue Factor. <i>Biochemistry</i> , 2001, 40, 3251-3256.	1.2	58
43	Probing Inhibitor-Induced Conformational Changes along the Interface between Tissue Factor and Factor VIIa. <i>Biochemistry</i> , 2001, 40, 9324-9328.	1.2	9
44	Substitution of Valine for Leucine 305 in Factor VIIa Increases the Intrinsic Enzymatic Activity. <i>Journal of Biological Chemistry</i> , 2001, 276, 29195-29199.	1.6	39
45	Binding of Zn <sup>2+</sup> to a Ca <sup>2+</sup> loop allosterically attenuates the activity of factor VIIa and reduces its affinity for tissue factor. <i>Protein Science</i> , 2000, 9, 859-866.	3.1	28
46	Oxidation of Methionine Residues in Coagulation Factor VIIa. <i>Archives of Biochemistry and Biophysics</i> , 1999, 363, 43-54.	1.4	42
47	Conformational Stability of Factor VIIa: A Biophysical Studies of Thermal and Guanidine Hydrochloride-Induced Denaturation. <i>Biochemistry</i> , 1998, 37, 7203-7212.	1.2	18
48	Ca <sup>2+</sup> Binding to the First Epidermal Growth Factor-like Domain of Factor VIIa Increases Amidolytic Activity and Tissue Factor Affinity. <i>Journal of Biological Chemistry</i> , 1997, 272, 19919-19924.	1.6	25
49	Incorporation of an Active Site Inhibitor in Factor VIIa Alters the Affinity for Tissue Factor. <i>Journal of Biological Chemistry</i> , 1997, 272, 11863-11868.	1.6	120
50	Characterization of the interaction between the light chain of factor VIIa and tissue factor. <i>FEBS Letters</i> , 1997, 413, 359-363.	1.3	12
51	Site-directed mutagenesis but not <sup>13</sup> C-carboxylation of Glu-35 in factor VIIa affects the association with tissue factor. <i>FEBS Letters</i> , 1996, 385, 241-243.	1.3	28
52	Influence of the <sup>13</sup> C-Carboxyglutamic Acid-Rich Domain and Hydrophobic Stack of Factor VIIa on Tissue Factor Binding. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1996, 26, 31-34.	0.5	8
53	Structural changes in factor VIIa induced by Ca <sup>2+</sup> and tissue factor studied using circular dichroism spectroscopy. <i>Protein Science</i> , 1996, 5, 1531-1540.	3.1	63
54	Structurally and Functionally Distinct Ca <sup>2+</sup> Binding Sites in the gamma-Carboxyglutamic Acid-Containing Domain of Factor VIIa. <i>FEBS Journal</i> , 1995, 234, 293-300.	0.2	27