# Egon Persson

List of Publications by Year
in descending order

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|---|---|---|---|
| 54<br>papers | 1,385<br>citations | 331670<br>21<br>h-index | 345221<br>36<br>g-index |
| 54<br>all docs | 54<br>docs citations | 54<br>times ranked | 793<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Beating tissue factor at its own game: Design and properties of a soluble tissue factorâ€“independent coagulation factor VIIa. Journal of Biological Chemistry, 2020, 295, 517-528. | 3.4 | 7 |
| 2 | Limited factor VII a surface localization requirement of the factor VII aâ€“induced overall thrombin generation in plateletâ€rich hemophilia A plasma. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 713-717. | 2.3 | 0 |
| 3 | Crystal structure, epitope, and functional impact of an antibody against a superactive FVII a provide insights into allosteric mechanism. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 412-419. | 2.3 | 0 |
| 4 | Allostery in Coagulation Factor VIIa Revealed by Ensemble Refinement of Crystallographic Structures. Biophysical Journal, 2019, 116, 1823-1835. | 0.5 | 7 |
| 5 | Reagentâ€specific underestimation of turoctocog alfa pegol (N8â€GP) clotting activity owing to decelerated activation by thrombin. Research and Practice in Thrombosis and Haemostasis, 2019, 3, 114-120. | 2.3 | 11 |
| 6 | Factor VII Tokushima (Cys22 â†' Gly) is not Î³-carboxylated due to a disrupted Î³-carboxylase recognition site. Thrombosis Research, 2017, 158, 108-112. | 1.7 | 2 |
| 7 | Underestimation of Nâ€glycoPEGylated factor IX oneâ€stage clotting activity owing to contact activatorâ€impaired activation. Research and Practice in Thrombosis and Haemostasis, 2017, 1, 259-263. | 2.3 | 14 |
| 8 | The length of the linker between the epidermal growth factorâ€like domains in factor VIIa is critical for a productive interaction with tissue factor. Protein Science, 2014, 23, 1717-1727. | 7.6 | 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. Journal of Biological Chemistry, 2014, 289, 35388-35396. | 3.4 | 20 |
| 10 | In vitro evidence of a tissue factor-independent mode of action of recombinant factor VIIa in hemophilia. Blood, 2014, 124, 3172-3174. | 1.4 | 25 |
| 11 | A novel B-domain O-glycoPEGylated FVIII (N8-GP) demonstrates full efficacy and prolonged effect in hemophilic mice models. Blood, 2013, 121, 2108-2116. | 1.4 | 112 |
| 12 | Vatreptacog Alfa from Conception to Clinical Proof of Concept. Seminars in Thrombosis and Hemostasis, 2012, 38, 274-281. | 2.7 | 16 |
| 13 | Antibody-induced Enhancement of Factor VIIa Activity through Distinct Allosteric Pathways. Journal of Biological Chemistry, 2012, 287, 8994-9001. | 3.4 | 10 |
| 14 | Novel molecules for the correction of factor Xa generation and phenotype in hemophilia. Thrombosis Research, 2012, 129, S51-S53. | 1.7 | 1 |
| 15 | Allosteric activation of coagulation factor VIIa. Frontiers in Bioscience - Landmark, 2011, 16, 3156. | 3.0 | 24 |
| 16 | The Endothelial Protein C Receptor Supports Tissue Factor Ternary Coagulation Initiation Complex Signaling through Protease-activated Receptors. Journal of Biological Chemistry, 2011, 286, 5756-5767. | 3.4 | 80 |
| 17 | Extensive Small-Angle X-ray Scattering Studies of Blood Coagulation Factor VIIa Reveal Interdomain Flexibility. Biochemistry, 2010, 49, 9739-9745. | 2.5 | 11 |
| 18 | Recombinant coagulation factor VIIa â€“ from molecular to clinical aspects of a versatile haemostatic agent. Thrombosis Research, 2010, 125, 483-489. | 1.7 | 31 |

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|---|---|---|---|
| 19 | Current status on tissue factor activation of factor VIIa. Thrombosis Research, 2010, 125, S11-S12. | 1.7 | 9 |
| 20 | Increased Platelet Binding of NN1731, a Factor VIIa Variant with Enhanced Tissue Factor-Independent Activity.. Blood, 2010, 116, 1133-1133. | 1.4 | 0 |
| 21 | Fibrin gel structure obtained with a FVIIa analogue with enhanced FX-activating potential in haemophilia. Thrombosis and Haemostasis, 2009, 102, 790-792. | 3.4 | 7 |
| 22 | Activation loop 3 and the 170 loop interact in the active conformation of coagulation factor VIIa. FEBS Journal, 2009, 276, 3099-3109. | 4.7 | 11 |
| 23 | Protein disulfide isomerase has no stimulatory chaperone effect on factor X activation by factor VIIa-soluble tissue factor. Thrombosis Research, 2008, 123, 171-176. | 1.7 | 21 |
| 24 | Mechanism of the Ca2+-induced Enhancement of the Intrinsic Factor VIIa Activity. Journal of Biological Chemistry, 2008, 283, 25863-25870. | 3.4 | 11 |
| 25 | The Origins of Enhanced Activity in Factor VIIa Analogs and the Interplay between Key Allosteric Sites Revealed by Hydrogen Exchange Mass Spectrometry. Journal of Biological Chemistry, 2008, 283, 13378-13387. | 3.4 | 28 |
| 26 | A Variant of Recombinant Factor VIIa With Enhanced Procoagulant and Antifibrinolytic Activities in an In Vitro Model of Hemophilia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 683-689. | 2.4 | 67 |
| 27 | A loop of coagulation factor VIIa influencing macromolecular substrate specificity. FEBS Letters, 2007, 581, 71-76. | 2.8 | 4 |
| 28 | Factor VIIa analogue (V158D/E296V/M298Q-FVIIa) normalises clot formation in whole blood from patients with severe haemophilia A. British Journal of Haematology, 2007, 137, 158-165. | 2.5 | 64 |
| 29 | A combined structural dynamics approach identifies a putative switch in factor VIIa employed by tissue factor to initiate blood coagulation. Protein Science, 2007, 16, 671-682. | 7.6 | 30 |
| 30 | Macromolecular substrate affinity for free factor VIIa is independent of a buried protease domain N-terminus. Biochemical and Biophysical Research Communications, 2006, 341, 28-32. | 2.1 | 9 |
| 31 | Allosteric Activation of Coagulation Factor VIIa Visualized by Hydrogen Exchange. Journal of Biological Chemistry, 2006, 281, 23018-23024. | 3.4 | 52 |
| 32 | Transition state analysis of the complex between coagulation factor VIIa and tissue factor: suggesting a sequential domain-binding pathway. Biochemical and Biophysical Research Communications, 2005, 327, 789-793. | 2.1 | 4 |
| 33 | Sequential coagulation factor VIIa domain binding to tissue factor. Biochemical and Biophysical Research Communications, 2005, 337, 1276-1282. | 2.1 | 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.. Blood, 2005, 106, 3215-3215. | 1.4 | 0 |
| 35 | Prevention of Î² Strand Movement into a Zymogen-like Position Does Not Confer Higher Activity to Coagulation Factor VIIa. Biochemistry, 2004, 43, 14096-14103. | 2.5 | 10 |
| 36 | Variants of recombinant factor VIIa with increased intrinsic activity. Seminars in Hematology, 2004, 41, 89-92. | 3.4 | 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. Biochemical Journal, 2004, 379, 497-503. | 3.7 | 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. FEBS Journal, 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. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1648, 12-16. | 2.3 | 3 |
| 40 | Improved hemostasis with superactive analogs of factor VIIa in a mouse model of hemophilia A. Blood, 2003, 102, 3615-3620. | 1.4 | 103 |
| 41 | Assignment of molecular properties of a superactive coagulation factor VIIa variant to individual amino acid changes. FEBS Journal, 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. Biochemistry, 2001, 40, 3251-3256. | 2.5 | 58 |
| 43 | Probing Inhibitor-Induced Conformational Changes along the Interface between Tissue Factor and Factor VIIa. Biochemistry, 2001, 40, 9324-9328. | 2.5 | 9 |
| 44 | Substitution of Valine for Leucine 305 in Factor VIIa Increases the Intrinsic Enzymatic Activity. Journal of Biological Chemistry, 2001, 276, 29195-29199. | 3.4 | 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. Protein Science, 2000, 9, 859-866. | 7.6 | 28 |
| 46 | Oxidation of Methionine Residues in Coagulation Factor VIIa. Archives of Biochemistry and Biophysics, 1999, 363, 43-54. | 3.0 | 42 |
| 47 | Conformational Stability of Factor VIIa:Â Biophysical Studies of Thermal and Guanidine Hydrochloride-Induced Denaturation. Biochemistry, 1998, 37, 7203-7212. | 2.5 | 18 |
| 48 | Ca2+ Binding to the First Epidermal Growth Factor-like Domain of Factor VIIa Increases Amidolytic Activity and Tissue Factor Affinity. Journal of Biological Chemistry, 1997, 272, 19919-19924. | 3.4 | 25 |
| 49 | Incorporation of an Active Site Inhibitor in Factor VIIa Alters the Affinity for Tissue Factor. Journal of Biological Chemistry, 1997, 272, 11863-11868. | 3.4 | 120 |
| 50 | Characterization of the interaction between the light chain of factor VIIa and tissue factor. FEBS Letters, 1997, 413, 359-363. | 2.8 | 12 |
| 51 | Site-directed mutagenesis but not Î³-carboxylation of Glu-35 in factor VIIa affects the association with tissue factor. FEBS Letters, 1996, 385, 241-243. | 2.8 | 28 |
| 52 | Influence of the Î³-Carboxyglutamic Acid-Rich Domain and Hydrophobic Stack of Factor Vila on Tissue Factor Binding. Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research, 1996, 26, 31-34. | 0.3 | 8 |
| 53 | Structural changes in factor VIIa induced by Ca<sup>2+</sup> and tissue factor studied using circular dichroism spectroscopy. Protein Science, 1996, 5, 1531-1540. | 7.6 | 63 |
| 54 | Structurally and Functionally Distinct Ca2+ Binding Sites in the gamma-Carboxyglutamic Acid-Containing Domain of Factor VIIa. FEBS Journal, 1995, 234, 293-300. | 0.2 | 27 |