

Rinku majumder

List of Publications by Year in descending order

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times ranked

596
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Hypoxia downregulates protein S expression. <i>Blood</i> , 2018, 132, 452-455. | 0.6 | 50 |
| 2 | A phosphatidylserine binding site in factor Va C1 domain regulates both assembly and activity of the prothrombinase complex. <i>Blood</i> , 2008, 112, 2795-2802. | 0.6 | 40 |
| 3 | Localization of Phosphatidylserine Binding Sites to Structural Domains of Factor Xa. <i>Journal of Biological Chemistry</i> , 2002, 277, 1855-1863. | 1.6 | 38 |
| 4 | Inhibition of Intrinsic Xase by Protein S. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2387-2393. | 1.1 | 37 |
| 5 | Role of Procoagulant Lipids in Human Prothrombin Activation. 1. Prothrombin Activation by Factor Xain the Absence of Factor Vaand in the Absence and Presence of Membranesâ€. <i>Biochemistry</i> , 2002, 41, 935-949. | 1.2 | 36 |
| 6 | Role of Procoagulant Lipids in Human Prothrombin Activation. 2. Soluble Phosphatidylserine Upregulates and Directs Factor Xato Appropriate Peptide Bonds in Prothrombinâ€. <i>Biochemistry</i> , 2002, 41, 950-957. | 1.2 | 34 |
| 7 | Soluble Phosphatidylserine Triggers Assembly in Solution of a Prothrombin-activating Complex in the Absence of a Membrane Surface. <i>Journal of Biological Chemistry</i> , 2002, 277, 29765-29773. | 1.6 | 33 |
| 8 | Efficient Thrombin Generation Requires Molecular Phosphatidylserine, Not a Membrane Surface. <i>Biochemistry</i> , 2005, 44, 16998-17006. | 1.2 | 33 |
| 9 | Cooperative Roles of Factor Va and Phosphatidylserine-containing Membranes as Cofactors in Prothrombin Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 5679-5684. | 1.6 | 28 |
| 10 | The Phosphatidylserine Binding Site of the Factor Va C2 Domain Accounts for Membrane Binding but Does Not Contribute to the Assembly or Activity of a Human Factor Xaâ”Factor Va Complex. <i>Biochemistry</i> , 2005, 44, 711-718. | 1.2 | 24 |
| 11 | Anticoagulant Protein S Targets the Factor IXa Heparin-Binding Exosite to Prevent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 816-828. | 1.1 | 23 |
| 12 | Effects of Water Soluble Phosphotidylserine on Bovine Factor Xa: Functional and Structural Changes Plus Dimerization. <i>Biophysical Journal</i> , 2003, 84, 1238-1251. | 0.2 | 21 |
| 13 | Modulation of Prothrombinase Assembly and Activity by Phosphatidylethanolamine. <i>Journal of Biological Chemistry</i> , 2011, 286, 35535-35542. | 1.6 | 20 |
| 14 | COVID-19: a probable role of the anticoagulant Protein S in managing COVID-19-associated coagulopathy. <i>Aging</i> , 2020, 12, 15954-15961. | 1.4 | 19 |
| 15 | Ca ²⁺ switches the effect of PS-containing membranes on Factor Xa from activating to inhibiting: implications for initiation of blood coagulation. <i>Biochemical Journal</i> , 2014, 462, 591-601. | 1.7 | 18 |
| 16 | Factor Xa Binding to Phosphatidylserine-Containing Membranes Produces an Inactive Membrane-Bound Dimer. <i>Biophysical Journal</i> , 2009, 97, 2232-2241. | 0.2 | 16 |
| 17 | Phosphatidylserine and FVa regulate FXa structure. <i>Biochemical Journal</i> , 2014, 459, 229-239. | 1.7 | 14 |
| 18 | Functional and Structural Characterization of Factor Xa Dimer in Solution. <i>Biophysical Journal</i> , 2009, 96, 974-986. | 0.2 | 10 |

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|----|--|-----|-----------|
| 19 | Identification of the Protein S Binding Site in the Factor IXa Serine Protease Domain Presents Therapeutic Possibilities. <i>Blood</i> , 2015, 126, 2274-2274. | 0.6 | 9 |
| 20 | Protein S: function, regulation, and clinical perspectives. <i>Current Opinion in Hematology</i> , 2021, 28, 339-344. | 1.2 | 8 |
| 21 | Phosphatidylserine-Induced Factor Xa Dimerization and Binding to Factor Va Are Competing Processes in Solution. <i>Biochemistry</i> , 2013, 52, 143-151. | 1.2 | 7 |
| 22 | Ether lipid metabolism by AADACL1 regulates platelet function and thrombosis. <i>Blood Advances</i> , 2019, 3, 3818-3828. | 2.5 | 7 |
| 23 | Modulation of protein S and growth arrest specific 6 protein signaling inhibits pancreatic cancer cell survival and proliferation. <i>Oncology Reports</i> , 2020, 44, 1322-1332. | 1.2 | 6 |
| 24 | The Journey of Protein S from an Anticoagulant to a Signaling Molecule. <i>JSM Biochemistry and Molecular Biology</i> , 2016, 3, . | 2.5 | 6 |
| 25 | Soluble Phosphatidylserine Binds to Two Sites on Human Factor IXa in a Ca ²⁺ Dependent Fashion to Specifically Regulate Structure and Activity. <i>PLoS ONE</i> , 2014, 9, e100006. | 1.1 | 5 |
| 26 | Factor Xa dimerization competes with prothrombinase complex formation on platelet-like membrane surfaces. <i>Biochemical Journal</i> , 2015, 467, 37-46. | 1.7 | 5 |
| 27 | Padua FIXa resistance to Protein S and a potential therapy for hyperactive FIXa. <i>Thrombosis Research</i> , 2018, 170, 133-141. | 0.8 | 5 |
| 28 | A novel one-step purification of mouse factor IX. <i>Thrombosis Research</i> , 2016, 139, 125-126. | 0.8 | 4 |
| 29 | Protein S Regulates Factor IXa in the Absence and Presence of Factor VIIIa Independently of Activated Protein C. <i>Blood</i> , 2011, 118, 1197-1197. | 0.6 | 4 |
| 30 | Protein S: A multifunctional anticoagulant. <i>Biomedical Research and Clinical Practice</i> , 2017, 2, . | 0.3 | 3 |
| 31 | Protein S in preventing thrombosis. <i>Aging</i> , 2019, 11, 847-848. | 1.4 | 3 |
| 32 | Regulation of venous thrombosis by platelet protein S. <i>Blood</i> , 2020, 135, 1922-1923. | 0.6 | 1 |
| 33 | C6PS Regulates the Inactivation of Factor Va by Activated Protein C.. <i>Blood</i> , 2005, 106, 1023-1023. | 0.6 | 1 |
| 34 | Mutation of the Hydrophobic Residues in Factor Va2 C1 Domain Affects the Phosphatidylserine Mediated Prothrombin Activation.. <i>Blood</i> , 2004, 104, 1733-1733. | 0.6 | 1 |
| 35 | The Regulation of Recombinant Protein S Secretion by Extracellular Factors. <i>Current Chemical Biology</i> , 2018, 12, 100-103. | 0.2 | 0 |
| 36 | Phosphatidylserine and phosphatidylethanolamine regulate the structure and function of FVIIa and its interaction with soluble tissue factor. <i>Bioscience Reports</i> , 2021, 41, . | 1.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Efficient Thrombin Generation Requires Molecular Phosphatidylserine, Not a Membrane Surface.. Blood, 2005, 106, 1022-1022. | 0.6 | 0 |
| 38 | Identification of Amino Acid Residues in the C1 Domain of Human Factor Va2 That Affect Phosphatidylserine-Triggered Cofactor Activity.. Blood, 2006, 108, 1711-1711. | 0.6 | 0 |
| 39 | Protein S Regulates Factor IXa/VIIIa Activity Independent of Activated Protein C. Blood, 2010, 116, 2196-2196. | 0.6 | 0 |
| 40 | The Interaction of Soluble Phospholipids with Coagulation Factor VIIa. Blood, 2010, 116, 4421-4421. | 0.6 | 0 |
| 41 | Nematode Antocoagulant Protein c2 (NAPc2) Interferes with Factor Xa Dimerization: Structural Alteration of Factor Xa Upon Dimerization.. Blood, 2010, 116, 1128-1128. | 0.6 | 0 |
| 42 | Modulation of Prothrombinase Assembly and Activity by Phosphatidylethanolamine. Blood, 2011, 118, 4344-4344. | 0.6 | 0 |
| 43 | Protein S As a Potential Treatment for FIX-Derived Deep Vein Thrombosis. Blood, 2015, 126, 2277-2277. | 0.6 | 0 |
| 44 | Identifying Functional Differences Between Protein S and Gas-6 in Pancreatic Cancer. Blood, 2016, 128, 2571-2571. | 0.6 | 0 |
| 45 | Aptamer Mediated Inhibition of Protein S. Blood, 2016, 128, 4946-4946. | 0.6 | 0 |
| 46 | Mini-review on "A novel one-step purification of mouse factor IX". , 2016, 1, 8-10. | | 0 |
| 47 | Proof of Concept: Protein S As an Immune Modulatory Agent to Control Pancreatic Cancer. Blood, 2020, 136, 18-19. | 0.6 | 0 |