# Rinku majumder

## List of Publications by Year in Descending Order



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| 44 papers | 433 citations | 13 h-index | 20 g-index |
| 48 ext. papers | 501 ext. citations | 3.3 avg, IF | 3.29 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 44 | Protein S: function, regulation, and clinical perspectives. *Current Opinion in Hematology*, **2021**, 28, 339-344 | 3.3 | 1 |
| 43 | Regulation of venous thrombosis by platelet protein S. *Blood*, **2020**, 135, 1922-1923 | 2.2 | 0 |
| 42 | Proof of Concept: Protein S As an Immune Modulatory Agent to Control Pancreatic Cancer. *Blood*, **2020**, 136, 18-19 | 2.2 | |
| 41 | COVID-19: a probable role of the anticoagulant Protein S in managing COVID-19-associated coagulopathy. *Aging*, **2020**, 12, 15954-15961 | 5.6 | 9 |
| 40 | Modulation of protein S and growth arrest specific 6 protein signaling inhibits pancreatic cancer cell survival and proliferation. *Oncology Reports*, **2020**, 44, 1322-1332 | 3.5 | 3 |
| 39 | Ether lipid metabolism by AADACL1 regulates platelet function and thrombosis. *Blood Advances*, **2019**, 3, 3818-3828 | 7.8 | 3 |
| 38 | Anticoagulant Protein S Targets the Factor IXa Heparin-Binding Exosite to Prevent Thrombosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 816-828 | 9.4 | 15 |
| 37 | The Regulation of Recombinant Protein S Secretion by Extracellular Factors. *Current Chemical Biology*, **2018**, 12, 100-103 | 0.4 | |
| 36 | Padua FIXa resistance to Protein S and a potential therapy for hyperactive FIXa. *Thrombosis Research*, **2018**, 170, 133-141 | 8.2 | 3 |
| 35 | Hypoxia downregulates protein S expression. *Blood*, **2018**, 132, 452-455 | 2.2 | 34 |
| 34 | Protein S: a Multifunctional Anticoagulant. *Biomedical Research and Clinical Practice*, **2017**, 2, | 1.3 | 2 |
| 33 | Mini-review on "A novel one-step purification of mouse factor IX" **2016**, 1, 8-10 | | |
| 32 | The Journey of Protein S from an Anticoagulant to a Signaling Molecule **2016**, 3, | | 5 |
| 31 | Identifying Functional Differences Between Protein S and Gas-6 in Pancreatic Cancer. *Blood*, **2016**, 128, 2571-2571 | 2.2 | |
| 30 | Aptamer Mediated Inhibition of Protein S. *Blood*, **2016**, 128, 4946-4946 | 2.2 | |
| 29 | A novel one-step purification of mouse factor IX. *Thrombosis Research*, **2016**, 139, 125-6 | 8.2 | 3 |
| 28 | Factor Xa dimerization competes with prothrombinase complex formation on platelet-like membrane surfaces. *Biochemical Journal*, **2015**, 467, 37-46 | 3.8 | 4 |

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| 27 | Identification of the Protein S Binding Site in the Factor IXa Serine Protease Domain Presents Therapeutic Possibilities. *Blood*, **2015**, 126, 2274-2274 | 2.2 | |
| 26 | Protein S As a Potential Treatment for FIX-Derived Deep Vein Thrombosis. *Blood*, **2015**, 126, 2277-2277 | 2.2 | |
| 25 | Phosphatidylserine and FVa regulate FXa structure. *Biochemical Journal*, **2014**, 459, 229-39 | 3.8 | 8 |
| 24 | Soluble phosphatidylserine binds to two sites on human factor IXa in a Ca2+ dependent fashion to specifically regulate structure and activity. *PLoS ONE*, **2014**, 9, e100006 | 3.7 | 2 |
| 23 | Ca2+ switches the effect of PS-containing membranes on Factor Xa from activating to inhibiting: implications for initiation of blood coagulation. *Biochemical Journal*, **2014**, 462, 591-601 | 3.8 | 12 |
| 22 | Phosphatidylserine-induced factor Xa dimerization and binding to factor Va are competing processes in solution. *Biochemistry*, **2013**, 52, 143-51 | 3.2 | 7 |
| 21 | Inhibition of intrinsic Xase by protein S: a novel regulatory role of protein S independent of activated protein C. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2387-93 | 9.4 | 25 |
| 20 | Modulation of prothrombinase assembly and activity by phosphatidylethanolamine. *Journal of Biological Chemistry*, **2011**, 286, 35535-35542 | 5.4 | 14 |
| 19 | Protein S Regulates Factor IXa in the Absence and Presence of Factor VIIIa Independently of Activated Protein C. *Blood*, **2011**, 118, 1197-1197 | 2.2 | |
| 18 | Modulation of Prothrombinase Assembly and Activity by Phosphatidylethanolamine. *Blood*, **2011**, 118, 4344-4344 | 2.2 | |
| 17 | Protein S Regulates Factor IXa/VIIIa Activity Independent of Activated Protein C. *Blood*, **2010**, 116, 2196-2196 | 2.2 | |
| 16 | The Interaction of Soluble Phospholipids with Coagulation Factor VIIa. *Blood*, **2010**, 116, 4421-4421 | 2.2 | |
| 15 | Nematode Antocoagulant Protein c2 (NAPc2) Interferes with Factor Xa Dimerization: Structural Alteration of Factor Xa Upon Dimerization.. *Blood*, **2010**, 116, 1128-1128 | 2.2 | |
| 14 | Functional and structural characterization of factor Xa dimer in solution. *Biophysical Journal*, **2009**, 96, 974-86 | 2.9 | 10 |
| 13 | Factor XA binding to phosphatidylserine-containing membranes produces an inactive membrane-bound dimer. *Biophysical Journal*, **2009**, 97, 2232-41 | 2.9 | 13 |
| 12 | A phosphatidylserine binding site in factor Va C1 domain regulates both assembly and activity of the prothrombinase complex. *Blood*, **2008**, 112, 2795-802 | 2.2 | 34 |
| 11 | Identification of Amino Acid Residues in the C1 Domain of Human Factor Va2 That Affect Phosphatidylserine-Triggered Cofactor Activity.. *Blood*, **2006**, 108, 1711-1711 | 2.2 | |
| 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 Xa-factor Va complex. *Biochemistry*, **2005**, 44, 711-8 | 3.2 | 23 |

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| 9 | Efficient thrombin generation requires molecular phosphatidylserine, not a membrane surface. *Biochemistry*, **2005**, 44, 16998-7006 | 3.2 | 28 |
| 8 | C6PS Regulates the Inactivation of Factor Va by Activated Protein C.. *Blood*, **2005**, 106, 1023-1023 | 2.2 | 1 |
| 7 | Mutation of the Hydrophobic Residues in Factor Va2 C1 Domain Affects the Phosphatidylserine Mediated Prothrombin Activation.. *Blood*, **2004**, 104, 1733-1733 | 2.2 | |
| 6 | Effects of water soluble phosphotidylserine on bovine factor Xa: functional and structural changes plus dimerization. *Biophysical Journal*, **2003**, 84, 1238-51 | 2.9 | 20 |
| 5 | Cooperative roles of factor V(a) and phosphatidylserine-containing membranes as cofactors in prothrombin activation. *Journal of Biological Chemistry*, **2003**, 278, 5679-84 | 5.4 | 26 |
| 4 | Localization of phosphatidylserine binding sites to structural domains of factor Xa. *Journal of Biological Chemistry*, **2002**, 277, 1855-63 | 5.4 | 35 |
| 3 | Soluble phosphatidylserine triggers assembly in solution of a prothrombin-activating complex in the absence of a membrane surface. *Journal of Biological Chemistry*, **2002**, 277, 29765-73 | 5.4 | 28 |
| 2 | Role of procoagulant lipids in human prothrombin activation. 1. Prothrombin activation by factor X(a) in the absence of factor V(a) and in the absence and presence of membranes. *Biochemistry*, **2002**, 41, 935-49 | 3.2 | 33 |
| 1 | Role of procoagulant lipids in human prothrombin activation. 2. Soluble phosphatidylserine upregulates and directs factor X(a) to appropriate peptide bonds in prothrombin. *Biochemistry*, **2002**, 41, 950-7 | 3.2 | 30 |