

# Rinku majumder

## List of Publications by Citations

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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	Localization of phosphatidylserine binding sites to structural domains of factor Xa. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 1855-63	5.4	35
43	A phosphatidylserine binding site in factor Va C1 domain regulates both assembly and activity of the prothrombinase complex. <i>Blood</i> , <b>2008</b> , 112, 2795-802	2.2	34
42	Hypoxia downregulates protein S expression. <i>Blood</i> , <b>2018</b> , 132, 452-455	2.2	34
41	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. <i>Biochemistry</i> , <b>2002</b> , 41, 935-49	3.2	33
40	Role of procoagulant lipids in human prothrombin activation. 2. Soluble phosphatidylserine upregulates and directs factor X(a) to appropriate peptide bonds in prothrombin. <i>Biochemistry</i> , <b>2002</b> , 41, 950-7	3.2	30
39	Efficient thrombin generation requires molecular phosphatidylserine, not a membrane surface. <i>Biochemistry</i> , <b>2005</b> , 44, 16998-7006	3.2	28
38	Soluble phosphatidylserine triggers assembly in solution of a prothrombin-activating complex in the absence of a membrane surface. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 29765-73	5.4	28
37	Cooperative roles of factor V(a) and phosphatidylserine-containing membranes as cofactors in prothrombin activation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 5679-84	5.4	26
36	Inhibition of intrinsic Xase by protein S: a novel regulatory role of protein S independent of activated protein C. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 2387-93	9.4	25
35	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. <i>Biochemistry</i> , <b>2005</b> , 44, 711-8	3.2	23
34	Effects of water soluble phosphotidylserine on bovine factor Xa: functional and structural changes plus dimerization. <i>Biophysical Journal</i> , <b>2003</b> , 84, 1238-51	2.9	20
33	Anticoagulant Protein S Targets the Factor IXa Heparin-Binding Exosite to Prevent Thrombosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2018</b> , 38, 816-828	9.4	15
32	Modulation of prothrombinase assembly and activity by phosphatidylethanolamine. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 35535-35542	5.4	14
31	Factor XA binding to phosphatidylserine-containing membranes produces an inactive membrane-bound dimer. <i>Biophysical Journal</i> , <b>2009</b> , 97, 2232-41	2.9	13
30	Ca <sup>2+</sup> switches the effect of PS-containing membranes on Factor Xa from activating to inhibiting: implications for initiation of blood coagulation. <i>Biochemical Journal</i> , <b>2014</b> , 462, 591-601	3.8	12
29	Functional and structural characterization of factor Xa dimer in solution. <i>Biophysical Journal</i> , <b>2009</b> , 96, 974-86	2.9	10
28	COVID-19: a probable role of the anticoagulant Protein S in managing COVID-19-associated coagulopathy. <i>Aging</i> , <b>2020</b> , 12, 15954-15961	5.6	9

27	Phosphatidylserine and FVa regulate FXa structure. <i>Biochemical Journal</i> , <b>2014</b> , 459, 229-39	3.8	8
26	Phosphatidylserine-induced factor Xa dimerization and binding to factor Va are competing processes in solution. <i>Biochemistry</i> , <b>2013</b> , 52, 143-51	3.2	7
25	The Journey of Protein S from an Anticoagulant to a Signaling Molecule <b>2016</b> , 3,		5
24	Factor Xa dimerization competes with prothrombinase complex formation on platelet-like membrane surfaces. <i>Biochemical Journal</i> , <b>2015</b> , 467, 37-46	3.8	4
23	Modulation of protein S and growth arrest specific 6 protein signaling inhibits pancreatic cancer cell survival and proliferation. <i>Oncology Reports</i> , <b>2020</b> , 44, 1322-1332	3.5	3
22	A novel one-step purification of mouse factor IX. <i>Thrombosis Research</i> , <b>2016</b> , 139, 125-6	8.2	3
21	Ether lipid metabolism by AADACL1 regulates platelet function and thrombosis. <i>Blood Advances</i> , <b>2019</b> , 3, 3818-3828	7.8	3
20	Padua FIXa resistance to Protein S and a potential therapy for hyperactive FIXa. <i>Thrombosis Research</i> , <b>2018</b> , 170, 133-141	8.2	3
19	Soluble phosphatidylserine binds to two sites on human factor IXa in a Ca <sup>2+</sup> dependent fashion to specifically regulate structure and activity. <i>PLoS ONE</i> , <b>2014</b> , 9, e100006	3.7	2
18	Protein S: a Multifunctional Anticoagulant. <i>Biomedical Research and Clinical Practice</i> , <b>2017</b> , 2,	1.3	2
17	C6PS Regulates the Inactivation of Factor Va by Activated Protein C.. <i>Blood</i> , <b>2005</b> , 106, 1023-1023	2.2	1
16	Protein S: function, regulation, and clinical perspectives. <i>Current Opinion in Hematology</i> , <b>2021</b> , 28, 339-343	3.3	1
15	Regulation of venous thrombosis by platelet protein S. <i>Blood</i> , <b>2020</b> , 135, 1922-1923	2.2	0
14	The Regulation of Recombinant Protein S Secretion by Extracellular Factors. <i>Current Chemical Biology</i> , <b>2018</b> , 12, 100-103	0.4	
13	Proof of Concept: Protein S As an Immune Modulatory Agent to Control Pancreatic Cancer. <i>Blood</i> , <b>2020</b> , 136, 18-19	2.2	
12	Mini-review on "A novel one-step purification of mouse factor IX" <b>2016</b> , 1, 8-10		
11	Mutation of the Hydrophobic Residues in Factor Va2 C1 Domain Affects the Phosphatidylserine Mediated Prothrombin Activation.. <i>Blood</i> , <b>2004</b> , 104, 1733-1733	2.2	
10	Identification of Amino Acid Residues in the C1 Domain of Human Factor Va2 That Affect Phosphatidylserine-Triggered Cofactor Activity.. <i>Blood</i> , <b>2006</b> , 108, 1711-1711	2.2	

- 9 Identification of the Protein S Binding Site in the Factor IXa Serine Protease Domain Presents Therapeutic Possibilities. *Blood*, **2015**, 126, 2274-2274 2.2
- 8 Protein S As a Potential Treatment for FIX-Derived Deep Vein Thrombosis. *Blood*, **2015**, 126, 2277-2277 2.2
- 7 Identifying Functional Differences Between Protein S and Gas-6 in Pancreatic Cancer. *Blood*, **2016**, 128, 2571-2571 2.2
- 6 Aptamer Mediated Inhibition of Protein S. *Blood*, **2016**, 128, 4946-4946 2.2
- 5 Protein S Regulates Factor IXa/VIIIa Activity Independent of Activated Protein C. *Blood*, **2010**, 116, 2196-2196
- 4 The Interaction of Soluble Phospholipids with Coagulation Factor VIIa. *Blood*, **2010**, 116, 4421-4421 2.2
- 3 Nematode Antocoagulant Protein c2 (NAPc2) Interferes with Factor Xa Dimerization: Structural Alteration of Factor Xa Upon Dimerization.. *Blood*, **2010**, 116, 1128-1128 2.2
- 2 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
- 1 Modulation of Prothrombinase Assembly and Activity by Phosphatidylethanolamine. *Blood*, **2011**, 118, 4344-4344 2.2