

Sandip M Kanse

List of Publications by Year in descending order

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93
docs citations

93
times ranked

3599
citing authors

#	ARTICLE	IF	CITATIONS
1	Urokinase Receptor (CD87) Regulates Leukocyte Recruitment via β 2 Integrins In Vivo. Journal of Experimental Medicine, 1998, 188, 1029-1037.	8.5	270
2	The Urokinase Receptor Is a Major Vitronectin-Binding Protein on Endothelial Cells. Experimental Cell Research, 1996, 224, 344-353.	2.6	241
3	Staphylococcus aureus extracellular adherence protein serves as anti-inflammatory factor by inhibiting the recruitment of host leukocytes. Nature Medicine, 2002, 8, 687-693.	30.7	230
4	Plasminogen Activator Inhibitor-1 Represses Integrin- and Vitronectin-Mediated Cell Migration Independently of Its Function as an Inhibitor of Plasminogen Activation. Experimental Cell Research, 1997, 232, 420-429.	2.6	221
5	Urokinase receptor: a molecular organizer in cellular communication. Current Opinion in Cell Biology, 2000, 12, 621-628.	5.4	200
6	Binding sites of a novel neuropeptide pituitary-adenylate-cyclase-activating polypeptide in the rat brain and lung. FEBS Journal, 1990, 193, 725-729.	0.2	130
7	Isolation and characterization of the circulating form of human endostatin. FEBS Letters, 1997, 420, 129-133.	2.8	102
8	Characterization of glucagon-like peptide-1-(7-36)amide in the hypothalamus. Brain Research, 1989, 502, 325-331.	2.2	98
9	Identification and characterization of glucagon-like peptide-1 7-36 amide-binding sites in the rat brain and lung. FEBS Letters, 1988, 241, 209-212.	2.8	96
10	Cytokine stimulated endothelin release from endothelial cells. Life Sciences, 1991, 48, 1379-1384.	4.3	77
11	The G534E polymorphism of the gene encoding the factor VII-activating protease is associated with cardiovascular risk due to increased neointima formation. Journal of Experimental Medicine, 2006, 203, 2801-2807.	8.5	71
12	Factor VII-activating protease (FSAP): Vascular functions and role in atherosclerosis. Thrombosis and Haemostasis, 2008, 99, 286-289.	3.4	68
13	Factor VII-Activating Protease Is Activated in Multiple Trauma Patients and Generates Anaphylatoxin C5a. Journal of Immunology, 2012, 188, 2858-2865.	0.8	68
14	Urokinase receptor surface expression regulates monocyte adhesion in acute myocardial infarction. Blood, 2002, 100, 3611-3617.	1.4	63
15	A key role for Toll-like receptor-3 in disrupting the hemostasis balance on endothelial cells. Blood, 2009, 113, 714-722.	1.4	63
16	Release of Substance P from Rat Hypothalamus and Pituitary by Endothelin. Endocrinology, 1990, 126, 2288-2295.	2.8	60
17	Glucocorticoids induce endothelin release from vascular smooth muscle cells but not endothelial cells. European Journal of Pharmacology, 1991, 199, 99-101.	3.5	60
18	Regulation of leukocyte recruitment by polypeptides derived from high molecular weight kininogen. FASEB Journal, 2001, 15, 2365-2376.	0.5	59

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19	Peptide Contents of Neuropeptide Y, Vasoactive Intestinal Polypeptide, and Calcitonin Gene-Related Peptide and Their Messenger Ribonucleic Acids after Dexamethasone Treatment in the Isolated Rat Islets of Langerhans. <i>Endocrinology</i> , 1991, 129, 3372-3380.	2.8	58
20	Perivascular Mast Cells Govern Shear Stress-Induced Arteriogenesis by Orchestrating Leukocyte Function. <i>Cell Reports</i> , 2016, 16, 2197-2207.	6.4	55
21	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near HLABP2. <i>Stroke</i> , 2016, 47, 307-316.	2.0	54
22	Factor VII activating protease (FSAP) inhibits growth factor-mediated cell proliferation and migration of vascular smooth muscle cells. <i>FASEB Journal</i> , 2004, 18, 728-730.	0.5	53
23	Plasminogen Activator Inhibitor-1 Promotes Neutrophil Infiltration and Tissue Injury on Ischemia-Reperfusion. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 829-842.	2.4	51
24	A Positively Charged Surface Triggers Coagulation Activation Through Factor VII Activating Protease (FSAP). <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40107-40116.	8.0	50
25	Endothelin binding sites in porcine-aortic and rat lung membranes. <i>FEBS Journal</i> , 1989, 182, 175-179.	0.2	48
26	Promotion of Leukocyte Adhesion by a Novel Interaction Between Vitronectin and the Integrin Mac-1 (Î±MÎ²2, CD11b/CD18). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2251-2256.	2.4	46
27	Factor VII-Activating Protease Promotes the Proteolysis and Inhibition of Tissue Factor Pathway Inhibitor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 427-433.	2.4	43
28	Plasminogen Activator Inhibitor-1 Is an Inhibitor of Factor VII-activating Protease in Patients with Acute Respiratory Distress Syndrome. <i>Journal of Biological Chemistry</i> , 2007, 282, 21671-21682.	3.4	42
29	Factor Seven Activating Protease (FSAP) expression in human monocytes and accumulation in unstable coronary atherosclerotic plaques. <i>Atherosclerosis</i> , 2008, 196, 164-171.	0.8	40
30	Urokinase-Type Plasminogen Activator Promotes Paracellular Transmigration of Neutrophils Via Mac-1, But Independently of Urokinase-Type Plasminogen Activator Receptor. <i>Circulation</i> , 2011, 124, 1848-1859.	1.6	40
31	The Marburg I variant (G534E) of the factor VII-activating protease determines liver fibrosis in hepatitis C infection by reduced proteolysis of platelet-derived growth factor BB. <i>Hepatology</i> , 2009, 49, 775-780.	7.3	39
32	Factor VII Activating Protease Polymorphism (G534E) Is Associated with Increased Risk for Stroke and Mortality. <i>Stroke Research and Treatment</i> , 2011, 2011, 1-6.	0.8	39
33	The vitamin K-dependent anticoagulant factor, protein S, inhibits multiple VEGF-induced angiogenesis events in a Mer- and SHP2-dependent manner. <i>Blood</i> , 2012, 120, 5073-5083.	1.4	38
34	High negative charge-to-size ratio in polyphosphates and heparin regulates factor VII-activating protease. <i>FEBS Journal</i> , 2009, 276, 4828-4839.	4.7	36
35	Urokinase-type plasminogen activator (uPA) is not essential for epithelial sodium channel (ENaC)-mediated sodium retention in experimental nephrotic syndrome. <i>Acta Physiologica</i> , 2019, 227, e13286.	3.8	36
36	Cathepsin D is released after severe tissue trauma in vivo and is capable of generating C5a in vitro. <i>Molecular Immunology</i> , 2012, 50, 60-65.	2.2	35

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37	A positively charged cluster in the epidermal growth factor-like domain of Factor VII-activating protease (FSAP) is essential for polyanion binding. <i>Biochemical Journal</i> , 2006, 394, 687-692.	3.7	34
38	Inhibition of PDGF-BB by Factor VII-activating protease (FSAP) is neutralized by protease nexin-1, and the FSAP-inhibitor complexes are internalized via LRP. <i>Biochemical Journal</i> , 2007, 404, 191-196.	3.7	33
39	Factor VII activating protease (FSAP) exerts anti-inflammatory and anti-fibrotic effects in liver fibrosis in mice and men. <i>Journal of Hepatology</i> , 2013, 58, 104-111.	3.7	32
40	Defective thrombus formation in mice lacking endogenous factor VII activating protease (FSAP). <i>Thrombosis and Haemostasis</i> , 2015, 113, 870-880.	3.4	32
41	Deficiency of Factor VII activating protease alters the outcome of ischemic stroke in mice. <i>European Journal of Neuroscience</i> , 2015, 41, 965-975.	2.6	29
42	At the Interface of Fibrinolysis and Inflammation: The Role of Urokinase-Type Plasminogen Activator in the Leukocyte Extravasation Cascade. <i>Trends in Cardiovascular Medicine</i> , 2012, 22, 192-196.	4.9	28
43	Involvement of Pertussis toxin-sensitive and -insensitive G proteins in α -thrombin signalling on cultured human vascular smooth muscle cells. <i>Cellular Signalling</i> , 1996, 8, 59-66.	3.6	27
44	Reciprocal regulation of urokinase receptor (CD87)-mediated cell adhesion by plasminogen activator inhibitor-1 and protease nexin-1. <i>Journal of Cell Science</i> , 2004, 117, 477-485.	2.0	27
45	The pseudophosphatase STYX targets the C-box of FBXW7 and inhibits SCF ^{FBXW7} function. <i>EMBO Journal</i> , 2017, 36, 260-273.	7.8	26
46	Interaction of factor VII activating protease (FSAP) with neutrophil extracellular traps (NETs). <i>Thrombosis Research</i> , 2018, 161, 36-42.	1.7	25
47	Circulating Factor VII Activating Protease (FSAP) Is Associated With Clinical Outcome in Acute Coronary Syndrome. <i>Circulation Journal</i> , 2012, 76, 2653-2661.	1.6	22
48	A novel hypoxia response element regulates oxygen-related repression of tissue factor pathway inhibitor in the breast cancer cell line MCF-7. <i>Thrombosis Research</i> , 2017, 157, 111-116.	1.7	21
49	Nucleic acids potentiate Factor VII-activating protease (FSAP)-mediated cleavage of platelet-derived growth factor-BB and inhibition of vascular smooth muscle cell proliferation. <i>Biochemical Journal</i> , 2007, 404, 45-50.	3.7	19
50	Tissue factor pathway inhibitor attenuates ER stress-induced inflammation in human M2-polarized macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 442-448.	2.1	19
51	New Aspects of Integrin-mediated Leukocyte Adhesion in Inflammation: Regulation by Haemostatic Factors and Bacterial Products. <i>Current Molecular Medicine</i> , 2003, 3, 387-392.	1.3	19
52	Characterisation and partial purification of <i>Schistosoma mansoni</i> egg-derived pro-angiogenic factor. <i>Molecular and Biochemical Parasitology</i> , 2005, 144, 76-85.	1.1	18
53	Factor VII activating protease (FSAP) regulates the expression of inflammatory genes in vascular smooth muscle and endothelial cells. <i>Atherosclerosis</i> , 2017, 265, 133-139.	0.8	17
54	Proteolytic activation of the epithelial sodium channel (ENaC) by factor VII activating protease (FSAP) and its relevance for sodium retention in nephrotic mice. <i>Pflügers Archiv European Journal of Physiology</i> , 2022, 474, 217-229.	2.8	17

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55	Analysis of the substrate specificity of Factor VII activating protease (FSAP) and design of specific and sensitive peptide substrates. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1750-1760.	3.4	16
56	Presence of immunoreactive endothelin in human saliva and rat parotid gland. <i>Peptides</i> , 1991, 12, 883-885.	2.4	15
57	Factor Seven Activating Protease (FSAP) levels during normal pregnancy and in women using oral contraceptives. <i>Thrombosis Research</i> , 2010, 126, e36-e40.	1.7	15
58	Regulation of monocyte/macrophage function by factor VII activating protease (FSAP). <i>Atherosclerosis</i> , 2013, 230, 365-372.	0.8	15
59	Protease activated receptors (PAR) α 1 and α 2 mediate cellular effects of factor VII activating protease (FSAP). <i>FASEB Journal</i> , 2020, 34, 1079-1090.	0.5	15
60	Factor VII activating protease deficiency promotes neointima formation by enhancing leukocyte accumulation. <i>Journal of Thrombosis and Haemostasis</i> , 2016, 14, 2058-2067.	3.8	14
61	Structure and function analysis of factor VII activating protease (FSAP): Sequence determinants for heparin binding and cellular functions. <i>FEBS Letters</i> , 2009, 583, 1994-1998.	2.8	13
62	Factor seven activating protease (FSAP) predicts response to intravenous thrombolysis in acute ischemic stroke. <i>International Journal of Stroke</i> , 2016, 11, 646-655.	5.9	13
63	Characterization of the enzymatic activity of the serine protease domain of Factor VII activating protease (FSAP). <i>Scientific Reports</i> , 2019, 9, 18990.	3.3	13
64	Rapid genotyping of the G534E polymorphism (Marburg I) of the gene encoding the factor VII-activating protease (FSAP) by LightCycler PCR. <i>Clinical Biochemistry</i> , 2007, 40, 1063-1064.	1.9	11
65	Altered factor VII activating protease expression in murine hepatic fibrosis and its influence on hepatic stellate cells. <i>Liver International</i> , 2009, 29, 686-691.	3.9	11
66	Altered structure and function of fibrinogen after cleavage by Factor VII Activating Protease (FSAP). <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3397-3406.	3.8	11
67	Tissue factor pathway inhibitor upregulates CXCR7 expression and enhances CXCL12-mediated migration in chronic lymphocytic leukemia. <i>Scientific Reports</i> , 2021, 11, 5127.	3.3	11
68	Transforming Growth Factor- β 2 (TGF- β 2) Inhibits the Expression of Factor VII-activating Protease (FSAP) in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 21020-21028.	3.4	10
69	Fluorescent activity-based probe for the selective detection of Factor VII activating protease (FSAP) in human plasma. <i>Thrombosis Research</i> , 2019, 182, 124-132.	1.7	10
70	Components of the Plasminogen Activation System Promote Engraftment of Porous Polyethylene Biomaterial via Common and Distinct Effects. <i>PLoS ONE</i> , 2015, 10, e0116883.	2.5	9
71	Vitronectin stabilizes intravascular adhesion of neutrophils by coordinating beta2 integrin clustering. <i>Haematologica</i> , 2020, 106, haematol.2019.226241.	3.5	9
72	Factor VII activating protease (FSAP): A novel protective factor in liver fibrosis. <i>Proteomics - Clinical Applications</i> , 2014, 8, 438-446.	1.6	8

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73	Genetics of the thrombomodulin-endothelial cell protein C receptor system and the risk of early-onset ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0206554.	2.5	8
74	VEGF-A-Cleavage by FSAP and Inhibition of Neo-Vascularization. <i>Cells</i> , 2019, 8, 1396.	4.1	7
75	Factor VII activating protease (FSAP) influences vascular remodeling in the mouse hind limb ischemia model. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3084-3095.	0.0	7
76	Post-transcriptional, post-translational and pharmacological regulation of tissue factor pathway inhibitor. <i>Blood Coagulation and Fibrinolysis</i> , 2018, 29, 668-682.	1.0	6
77	Nicotine Modulation of Factor VII Activating Protease (FSAP) Expression in Human Monocytes. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 962-969.	2.0	6
78	Urokinase Receptor (CD87) Clustering in Detergent-Insoluble Adhesion Patches Leads to Cell Adhesion Independently of Integrins. <i>Cell Communication and Adhesion</i> , 2007, 14, 137-155.	1.0	5
79	Ferric Chloride-Induced Arterial Thrombosis in Mice. <i>Current Protocols in Mouse Biology</i> , 2014, 4, 151-164.	1.2	5
80	Factor VII Activating Protease Expression in Human Platelets and Accumulation in Symptomatic Carotid Plaque. <i>Journal of the American Heart Association</i> , 2020, 9, e016445.	3.7	5
81	Cellular effects of factor VII activating protease (FSAP). <i>Thrombosis Research</i> , 2020, 188, 74-78.	1.7	5
82	uPA heteromerization promotes breast cancer progression by attracting tumorigenic neutrophils. <i>EMBO Molecular Medicine</i> , 2021, 13, e13110.	6.9	5
83	Factor seven activating protease (FSAP) expression in human placenta and its role in trophoblast migration. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 167, 34-40.	1.1	4
84	Elevated Complement C3 and C4 Levels are Associated with Postnatal Pregnancy-Related Venous Thrombosis. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1481-1488.	3.4	4
85	Design and Characterization of a New pVII Combinatorial Phage Display Peptide Library for Protease Substrate Mining Using Factor VII Activating Protease (FSAP) as Model. <i>ChemBioChem</i> , 2020, 21, 1875-1884.	2.6	4
86	Factor VII activating protease (FSAP) is not essential in the pathophysiology of angioedema in patients with C1 inhibitor deficiency. <i>Molecular Immunology</i> , 2022, 142, 95-104.	2.2	4
87	Association of circulating factor seven activating protease (FSAP) and of oral Omega-3 fatty acids supplements with clinical outcome in patients with atrial fibrillation: the OMEGA-AF study. <i>Journal of Thrombosis and Thrombolysis</i> , 2014, 37, 317-325.	2.1	3
88	Rebuttal to editorial: Sodium retention by uPA in nephrotic syndrome?. <i>Acta Physiologica</i> , 2020, 228, e13427.	3.8	3
89	Variability in the expression of urokinase receptor(CD87) mutants on cells: relevance to cell adhesion. <i>Cell Biochemistry and Function</i> , 2004, 22, 257-264.	2.9	2
90	Persistent hypercoagulability in dogs envenomated by the European adder (<i>Vipera berus berus</i>). <i>PLoS ONE</i> , 2022, 17, e0263238.	2.5	1

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91	Tissue Factor Pathway Inhibitor Enhances Transendothelial Migration of Chronic Lymphocytic Leukemia Cells through Binding to Glypican-3. <i>Blood</i> , 2018, 132, 2452-2452.	1.4	0