

Stephen M Prescott

List of Publications by Year in descending order

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113
papers

14,161
citations

17440

63
h-index

26613

107
g-index

115
all docs

115
docs citations

115
times ranked

10767
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid neutrophil adhesion to activated endothelium mediated by GMP-140. <i>Nature</i> , 1990, 343, 757-760.	27.8	952
2	Endothelial cell interactions with granulocytes: tethering and signaling molecules. <i>Trends in Immunology</i> , 1992, 13, 93-100.	7.5	730
3	Platelet-Activating Factor and Related Lipid Mediators. <i>Annual Review of Biochemistry</i> , 2000, 69, 419-445.	11.1	668
4	Activated platelets mediate inflammatory signaling by regulated interleukin 1 β synthesis. <i>Journal of Cell Biology</i> , 2001, 154, 485-490.	5.2	633
5	Anti-inflammatory properties of a platelet-activating factor acetylhydrolase. <i>Nature</i> , 1995, 374, 549-553.	27.8	507
6	Many actions of cyclooxygenase-2 in cellular dynamics and in cancer. <i>Journal of Cellular Physiology</i> , 2002, 190, 279-286.	4.1	415
7	Altered expression of the mRNA stability factor HuR promotes cyclooxygenase-2 expression in colon cancer cells. <i>Journal of Clinical Investigation</i> , 2001, 108, 1657-1665.	8.2	386
8	The platelet-activating factor signaling system and its regulators in syndromes of inflammation and thrombosis. <i>Critical Care Medicine</i> , 2002, 30, S294-S301.	0.9	354
9	Post-transcriptional Control of Cyclooxygenase-2 Gene Expression. <i>Journal of Biological Chemistry</i> , 2000, 275, 11750-11757.	3.4	314
10	The Leukocyte Integrins. <i>Journal of Biological Chemistry</i> , 2000, 275, 23409-23412.	3.4	292
11	Mammalian Diacylglycerol Kinases, a Family of Lipid Kinases with Signaling Functions. <i>Journal of Biological Chemistry</i> , 1999, 274, 11447-11450.	3.4	274
12	Protein kinase C regulates the nuclear localization of diacylglycerol kinase-1 γ . <i>Nature</i> , 1998, 394, 697-700.	27.8	263
13	Peroxisome Proliferators Enhance Cyclooxygenase-2 Expression in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 8328-8334.	3.4	259
14	Oxidized Alkyl Phospholipids Are Specific, High Affinity Peroxisome Proliferator-activated Receptor β Ligands and Agonists. <i>Journal of Biological Chemistry</i> , 2001, 276, 16015-16023.	3.4	243
15	Platelet-activating Factor Acetylhydrolases. <i>Journal of Biological Chemistry</i> , 1997, 272, 17895-17898.	3.4	238
16	Cyclooxygenase-2 and carcinogenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2000, 1470, M69-M78.	7.4	225
17	Endothelial Cell Inflammatory Responses to Tumor Necrosis Factor α . <i>Journal of Biological Chemistry</i> , 1996, 271, 13094-13102.	3.4	220
18	Activation of human neutrophil phospholipase D by three separable mechanisms. <i>FASEB Journal</i> , 1990, 4, 208-214.	0.5	210

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19	Plasma Platelet-activating Factor Acetylhydrolase Is a Secreted Phospholipase A2 with a Catalytic Triad. <i>Journal of Biological Chemistry</i> , 1995, 270, 25481-25487.	3.4	206
20	Platelet-Activating Factor, a Pleiotrophic Mediator of Physiological and Pathological Processes. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2003, 40, 643-672.	6.1	199
21	Self-Promotion? Intimate Connections Between APC and Prostaglandin H Synthase-2. <i>Cell</i> , 1996, 87, 783-786.	28.9	197
22	Regulation of Cyclooxygenase-2 Expression by the Translational Silencer TIA-1. <i>Journal of Experimental Medicine</i> , 2003, 198, 475-481.	8.5	190
23	Release of Free F2-isoprostanes from Esterified Phospholipids Is Catalyzed by Intracellular and Plasma Platelet-activating Factor Acetylhydrolases. <i>Journal of Biological Chemistry</i> , 2006, 281, 4616-4623.	3.4	190
24	Molecular Cloning of a Novel Human Diacylglycerol Kinase Highly Selective for Arachidonate-containing Substrates. <i>Journal of Biological Chemistry</i> , 1996, 271, 10237-10241.	3.4	185
25	Transforming Growth Factor- β 1 Enhances Ha-ras-induced Expression of Cyclooxygenase-2 in Intestinal Epithelial Cells via Stabilization of mRNA. <i>Journal of Biological Chemistry</i> , 2000, 275, 6628-6635.	3.4	175
26	Inflammatory Platelet-activating Factor-like Phospholipids in Oxidized Low Density Lipoproteins Are Fragmented Alkyl Phosphatidylcholines. <i>Journal of Biological Chemistry</i> , 1999, 274, 28395-28404.	3.4	169
27	Inherited predisposition to thrombosis. <i>Cell</i> , 1993, 72, 477-480.	28.9	161
28	Leukocyte adhesion deficiency syndromes: adhesion and tethering defects involving β 2 integrins and selectin ligands. <i>Current Opinion in Hematology</i> , 2002, 9, 30-35.	2.5	160
29	Molecular Cloning and Characterization of a Novel Human Diacylglycerol Kinase β . <i>Journal of Biological Chemistry</i> , 1996, 271, 10230-10236.	3.4	147
30	Molecular Basis of the Interaction between Plasma Platelet-activating Factor Acetylhydrolase and Low Density Lipoprotein. <i>Journal of Biological Chemistry</i> , 1999, 274, 7018-7024.	3.4	146
31	Platelet-activating factor: a mediator for clinicians. <i>Journal of Internal Medicine</i> , 1995, 238, 5-20.	6.0	143
32	The effects of mepacrine and p-bromophenacyl bromide on arachidonic acid release in human platelets. <i>Archives of Biochemistry and Biophysics</i> , 1982, 215, 237-244.	3.0	142
33	Targeting of Diacylglycerol Degradation to M1 Muscarinic Receptors by β -Arrestins. <i>Science</i> , 2007, 315, 663-666.	12.6	141
34	Biologically Active Oxidized Phospholipids. <i>Journal of Biological Chemistry</i> , 1999, 274, 25189-25192.	3.4	136
35	The emerging roles of PAF acetylhydrolase. <i>Journal of Lipid Research</i> , 2009, 50, S255-S259.	4.2	133
36	Cell-cell interactions: leukocyte-endothelial interactions. <i>Current Opinion in Hematology</i> , 2003, 10, 150-158.	2.5	130

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37	Dipyridamole Selectively Inhibits Inflammatory Gene Expression in Platelet-Monocyte Aggregates. <i>Circulation</i> , 2005, 111, 633-642.	1.6	123
38	Integrin-dependent Control of Translation: Engagement of Integrin α IIb β 3 Regulates Synthesis of Proteins in Activated Human Platelets. <i>Journal of Cell Biology</i> , 1999, 144, 175-184.	5.2	121
39	Retinoic Acid-Inducible Gene-1 Is Induced in Endothelial Cells by LPS and Regulates Expression of COX-2. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 274-279.	2.1	116
40	Cloning, Expression, and Chromosomal Localization of Human Long-Chain Fatty Acid-CoA Ligase 4 (FACL4). <i>Genomics</i> , 1998, 49, 327-330.	2.9	115
41	Deficiency of platelet-activating factor acetylhydrolase is a severity factor for asthma. <i>Journal of Clinical Investigation</i> , 1999, 103, 989-997.	8.2	115
42	Diacylglycerol Kinase ϵ Regulates Ras Activation by a Novel Mechanism. <i>Journal of Cell Biology</i> , 2001, 152, 1135-1144.	5.2	112
43	Shear Stress Activates Cytosolic Phospholipase A2(cPLA2) and MAP Kinase in Human Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 500-504.	2.1	111
44	Outside-In Signals Delivered by Matrix Metalloproteinase-1 Regulate Platelet Function. <i>Circulation Research</i> , 2002, 90, 1093-1099.	4.5	108
45	Mammalian platelet-activating factor acetylhydrolases. <i>Lipids and Lipid Metabolism</i> , 1996, 1301, 161-173.	2.6	105
46	Platelet-activating factor acetylhydrolase activity in human tissues and blood cells. <i>Lipids</i> , 1991, 26, 979-985.	1.7	100
47	Human Endothelial Cells Synthesize ENA-78: Relationship to IL-8 and to Signaling of PMN Adhesion. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 17, 181-192.	2.9	98
48	Endothelial Activation in ARDS. <i>Chest</i> , 1999, 116, 18S-24S.	0.8	98
49	Bioactive phospholipid oxidation products. <i>Free Radical Biology and Medicine</i> , 2000, 28, 1762-1770.	2.9	98
50	Association of diacylglycerol kinase ϵ with protein kinase C δ . <i>Journal of Cell Biology</i> , 2003, 160, 929-937.	5.2	98
51	Expression of Plasma Platelet-activating Factor Acetylhydrolase Is Transcriptionally Regulated by Mediators of Inflammation. <i>Journal of Biological Chemistry</i> , 1998, 273, 4012-4020.	3.4	97
52	Interaction of β 1-Syntrophin with Diacylglycerol Kinase- ϵ . <i>Journal of Biological Chemistry</i> , 2001, 276, 26526-26533.	3.4	97
53	Differential Regulation of Matrix Metalloproteinase-9 by Monocytes Adherent to Collagen and Platelets. <i>Circulation Research</i> , 2001, 89, 509-516.	4.5	95
54	Diacylglycerol kinase ϵ regulates protein kinase C and epidermal growth factor receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15485-15490.	7.1	86

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55	Protein Kinase C α Phosphorylates and Negatively Regulates Diacylglycerol Kinase δ . Journal of Biological Chemistry, 2003, 278, 39542-39547.	3.4	80
56	The Cloning and Characterization of a Novel Human Diacylglycerol Kinase, DGK δ . Journal of Biological Chemistry, 1998, 273, 32746-32752.	3.4	79
57	Monocyte Chemoattractant Protein-1 and 5-Lipoxygenase Products Recruit Leukocytes in Response to Platelet-Activating Factor-Like Lipids in Oxidized Low-Density Lipoprotein. Journal of Immunology, 2002, 168, 4112-4120.	0.8	77
58	Is cyclooxygenase-2 the alpha and the omega in cancer?. Journal of Clinical Investigation, 2000, 105, 1511-1513.	8.2	77
59	Diacylglycerol kinase δ regulates Ras guanyl-releasing protein 3 and inhibits Rap1 signaling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7595-7600.	7.1	75
60	Thrombin Stimulates Neutrophil Adherence by an Endothelial Cell-Dependent Mechanism: Characterization of the Response and Relationship to Platelet-Activating Factor Synthesis. Annals of the New York Academy of Sciences, 1986, 485, 349-368.	3.8	73
61	[39] Platelet-activating factor acetylhydrolase from human plasma. Methods in Enzymology, 1990, 187, 344-357.	1.0	72
62	Diacylglycerol kinase δ regulates phosphatidylinositol 4-phosphate 5-kinase β by a novel mechanism. Cellular Signalling, 2004, 16, 891-897.	3.6	67
63	The Adenomatous Polyposis Coli Tumor Suppressor Gene Regulates Expression of Cyclooxygenase-2 by a Mechanism That Involves Retinoic Acid. Journal of Biological Chemistry, 2006, 281, 20474-20482.	3.4	67
64	Platelets, Endothelial Cells, Inflammatory Chemokines, and Restenosis. Circulation, 2002, 106, 1433-1435.	1.6	64
65	Expression of fatty acid-CoA ligase 4 during development and in brain. FEBS Letters, 2000, 467, 263-267.	2.8	63
66	Sol Sherry Lecture in Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 727-733.	2.4	62
67	Fluid flow activates a regulator of translation, p70/p85 S6 kinase, in human endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1537-H1544.	3.2	61
68	Activation of vascular cells by PAF-like lipids in oxidized LDL. Vascular Pharmacology, 2002, 38, 193-200.	2.1	60
69	Expression of COX-2 in platelet-monocyte interactions occurs via combinatorial regulation involving adhesion and cytokine signaling. Journal of Clinical Investigation, 2006, 116, 2727-2738.	8.2	60
70	A novel syndrome of variant leukocyte adhesion deficiency involving defects in adhesion mediated by β 21 and β 22 integrins. Blood, 2001, 97, 767-776.	1.4	59
71	EXOGENOUS PLATELET-ACTIVATING FACTOR ACETYLHYDROLASE REDUCES MORTALITY IN MICE WITH SYSTEMIC INFLAMMATORY RESPONSE SYNDROME AND SEPSIS. Shock, 2006, 26, 41-49.	2.1	57
72	Synaptic removal of diacylglycerol by DGK δ and PSD-95 regulates dendritic spine maintenance. EMBO Journal, 2009, 28, 1170-1179.	7.8	57

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73	Human endothelial cells regulate polymorphonuclear leukocyte degranulation. <i>FASEB Journal</i> , 1998, 12, 733-746.	0.5	51
74	Lysophosphatidylcholine and lyso-PAF display PAF-like activity derived from contaminating phospholipids. <i>Journal of Lipid Research</i> , 2001, 42, 1430-1437.	4.2	51
75	The p38 MAPK Pathway Mediates Transcriptional Activation of the Plasma Platelet-activating Factor Acetylhydrolase Gene in Macrophages Stimulated with Lipopolysaccharide. <i>Journal of Biological Chemistry</i> , 2004, 279, 36158-36165.	3.4	48
76	Molecular Mechanisms of Early Inflammation. <i>Thrombosis and Haemostasis</i> , 1997, 78, 302-305.	3.4	48
77	[57] Endothelial cells for studies of platelet-activating factor and arachidonate metabolites. <i>Methods in Enzymology</i> , 1990, 187, 520-535.	1.0	47
78	Regulating inflammation through the anti-inflammatory enzyme platelet-activating factor-acetylhydrolase. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 83-91.	1.6	45
79	Ubiquitous expression of cyclooxygenase-2 in meningiomas and decrease in cell growth following in vitro treatment with the inhibitor celecoxib: potential therapeutic application. <i>Journal of Neurosurgery</i> , 2005, 103, 508-517.	1.6	45
80	The interaction of leukocytes with platelets in blood coagulation. <i>Current Opinion in Hematology</i> , 1995, 2, 47-54.	2.5	44
81	Platelet-activating factor mediates procoagulant activity on the surface of endothelial cells by promoting leukocyte adhesion. <i>Seminars in Cell Biology</i> , 1995, 6, 295-303.	3.4	42
82	IFN- μ Mediates TNF- α -Induced STAT1 Phosphorylation and Induction of Retinoic Acid-Inducible Gene-1 in Human Cervical Cancer Cells. <i>Journal of Immunology</i> , 2007, 179, 4542-4549.	0.8	41
83	Synergism Between Platelet-Activating Factor-Like Phospholipids and Peroxisome Proliferator-Activated Receptor β Agonists Generated During Low Density Lipoprotein Oxidation That Induces Lipid Body Formation in Leukocytes. <i>Journal of Immunology</i> , 2003, 171, 2090-2098.	0.8	35
84	Molecular basis for susceptibility of plasma platelet-activating factor acetylhydrolase to oxidative inactivation. <i>FASEB Journal</i> , 2007, 21, 1164-1176.	0.5	35
85	RHC 80267 does not inhibit the diglyceride lipase pathway in intact platelets. <i>Biochemical and Biophysical Research Communications</i> , 1983, 116, 68-74.	2.1	32
86	Identification of platelet-activating factor as the inflammatory lipid mediator in CCl ₄ -metabolizing rat liver. <i>Journal of Lipid Research</i> , 2001, 42, 587-596.	4.2	30
87	Cyclooxygenase-2 transactivates the epidermal growth factor receptor through specific E-prostanoid receptors and Tumor Necrosis Factor- α converting enzyme. <i>Cellular Signalling</i> , 2007, 19, 1956-1963.	3.6	26
88	Integrin α 2 β 2 Is Dynamically Expressed by Inflamed Macrophages and Alters the Natural History of Lethal Systemic Infections. <i>Journal of Immunology</i> , 2008, 180, 590-600.	0.8	26
89	Two of the usual suspects, platelet-activating factor and its receptor, implicated in acute lung injury. <i>Journal of Clinical Investigation</i> , 1999, 104, 1019-1020.	8.2	25
90	The cloning and developmental regulation of murine diacylglycerol kinase β . <i>FEBS Letters</i> , 1998, 429, 109-114.	2.8	24

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91	Bacterial Clearance Is Improved in Septic Mice by Platelet-Activating Factor-Acetylhydrolase (PAF-AH) Administration. PLoS ONE, 2013, 8, e74567.	2.5	23
92	Can licorice lick colon cancer?. Journal of Clinical Investigation, 2009, 119, 760-763.	8.2	21
93	Bacterial lipopolysaccharide induces endothelial cells to synthesize a degranulating factor for neutrophils. FASEB Journal, 1998, 12, 673-684.	0.5	20
94	Inflammation as an Early Component of Atherosclerosis and Vascular Damage. Japanese Circulation Journal, 1996, 60, 137-141.	1.0	19
95	A Thematic Series on Phospholipases. Journal of Biological Chemistry, 1997, 272, 15043.	3.4	19
96	Molecular characterization of the constitutive expression of the plasma platelet-activating factor acetylhydrolase gene in macrophages. Biochemical Journal, 2003, 375, 351-363.	3.7	16
97	From Linkage Maps to Quantitative Trait Loci: The History and Science of the Utah Genetic Reference Project. Annual Review of Genomics and Human Genetics, 2008, 9, 347-358.	6.2	15
98	Events at the Vascular Wall: The Molecular Basis of Inflammation. Journal of Investigative Medicine, 2001, 49, 104-111.	1.6	14
99	Protein Kinase C Regulates the Synthesis of Platelet-activating Factor by Human Monocytes. American Journal of Respiratory Cell and Molecular Biology, 1991, 4, 148-155.	2.9	13
100	Mechanisms of vascular injury in the pathogenesis of infectious disease. Current Opinion in Infectious Diseases, 1992, 5, 381-388.	3.1	11
101	Platelet-activating factor: antagonists, terminators, molecular mimics, and microbial opportunism. Journal of Internal Medicine, 1996, 239, 463-466.	6.0	9
102	Lung production of platelet-activating factor acetylhydrolase in oleic acid-induced acute lung injury. Prostaglandins Leukotrienes and Essential Fatty Acids, 2007, 77, 1-8.	2.2	9
103	Characterization of human UMP-CMP kinase enzymatic activity and 5' untranslated region. Life Sciences, 2001, 69, 2361-2370.	4.3	7
104	Functional and Structural Features of Plasma Platelet-Activating Factor Acetylhydrolase. Advances in Experimental Medicine and Biology, 1996, 416, 107-111.	1.6	7
105	Cardiovascular effects of platelet-activating factor. Trends in Cardiovascular Medicine, 1991, 1, 117-121.	4.9	6
106	New Roles for an Old Drug: Inhibition of Gene Expression by Dipyridamole in Platelet-Activating Factor-Induced Leukocyte Aggregates. Trends in Cardiovascular Medicine, 2006, 16, 75-80.	4.9	6
107	Platelet-Activating Factor and PAF-Like Mimetics. , 1996, , 239-276.		6
108	DNase I Treatment of Total RNA Improves the Accuracy of Ribonuclease Protection Assay. BioTechniques, 1998, 24, 732-734.	1.8	4

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109	Platelet-activating factor: A signaling molecule for leukocyte adhesion. , 1999, , 81-107.		3
110	Platelet Signal-Dependent Protein Synthesis. , 2005, , 149-174.		2
111	Molecular Mechanisms of Juxtacrine Cell Signalling in Microvascular Responses and Inflammation. , 2003, , 203-217.		0
112	Diacylglycerol Kinases and Phosphatidic Acid Phosphatases. , 2004, , 593-597.		0
113	Platelet-Activating Factor Regulates Events at the Vascular Wall. , 1996, , 105-109.		0