Ulf Eriksson

List of Publications by Year
in descending order

51 papers	5,734 citations	126901 33 h-index	189881 50 g-index
51 all docs	51 docs citations	51 times ranked	7040 citing authors

#	Article	IF	Citations
1	The PDGF family: four gene products form five dimeric isoforms. Cytokine and Growth Factor Reviews, 2004, 15, 197-204.	7.2	666
2	PDGF-C is a new protease-activated ligand for the PDGF Î±-receptor. Nature Cell Biology, 2000, 2, 302-309.	10.3	548
3	PDGF-D is a specific, protease-activated ligand for the PDGF Î²-receptor. Nature Cell Biology, 2001, 3, 512-516.	10.3	503
4	Vascular endothelial growth factor B controls endothelial fatty acid uptake. Nature, 2010, 464, 917-921.	27.8	423
5	Activation of PDGF-CC by tissue plasminogen activator impairs blood-brain barrier integrity during ischemic stroke. Nature Medicine, 2008, 14, 731-737.	30.7	405
6	Targeting VEGF-B as a novel treatment for insulin resistance and type 2 diabetes. Nature, 2012, 490, 426-430.	27.8	239
7	Paracrine Signaling by Platelet-Derived Growth Factor-CC Promotes Tumor Growth by Recruitment of Cancer-Associated Fibroblasts. Cancer Research, 2009, 69, 369-378.	0.9	206
8	Angiogenesis stimulated by PDGFâ€CC, a novel member in the PDGF family, involves activation of PDGFRâ€αa and â€αp receptors. FASEB Journal, 2002, 16, 1575-1583.	0.5	201
9	Vascular Endothelial Growth Factor-B Induces Myocardium-Specific Angiogenesis and Arteriogenesis via Vascular Endothelial Growth Factor Receptor-1â€“ and Neuropilin Receptor-1â€“Dependent Mechanisms. Circulation, 2009, 119, 845-856.	1.6	172
10	Tissue plasminogen activator is a potent activator of PDGF-CC. EMBO Journal, 2004, 23, 3793-3802.	7.8	169
11	Vascular Endothelial Growth Factor-Bâ€“Deficient Mice Display an Atrial Conduction Defect. Circulation, 2001, 104, 358-364.	1.6	150
12	Revascularization of ischemic tissues by PDGF-CC via effects on endothelial cells and their progenitors. Journal of Clinical Investigation, 2005, 115, 118-127.	8.2	148
13	PDGF-D is a potent transforming and angiogenic growth factor. Oncogene, 2003, 22, 1501-1510.	5.9	144
14	Transgenic Overexpression of Platelet-Derived Growth Factor-C in the Mouse Heart Induces Cardiac Fibrosis, Hypertrophy, and Dilated Cardiomyopathy. American Journal of Pathology, 2003, 163, 673-682.	3.8	137
15	Platelet-Derived Growth Factor D Induces Cardiac Fibrosis and Proliferation of Vascular Smooth Muscle Cells in Heart-Specific Transgenic Mice. Circulation Research, 2005, 97, 1036-1045.	4.5	123
16	Microenvironmental control of breast cancer subtype elicited through paracrine platelet-derived growth factor-CC signaling. Nature Medicine, 2018, 24, 463-473.	30.7	120
17	Reducing VEGF-B Signaling Ameliorates Renal Lipotoxicity and Protects against Diabetic Kidney Disease. Cell Metabolism, 2017, 25, 713-726.	16.2	115
18	Chromosomal Location, Exon Structure, and Vascular Expression Patterns of the Human PDGFC and PDGFD Genes. Circulation, 2001, 103, 2242-2247.	1.6	111

#	Article	IF	Citations
19	PDGF-C Is a Proinflammatory Cytokine that Mediates Renal Interstitial Fibrosis. Journal of the American Society of Nephrology: JASN, 2008, 19, 281-289.	6.1	103
20	Microglial-mediated PDGF-CC activation increases cerebrovascular permeability during ischemic stroke. Acta Neuropathologica, 2017, 134, 585-604.	7.7	82
21	Isoform-specific Expression of VEGF-B in Normal Tissues and Tumors. Growth Factors, 2001, 19, 49-59.	1.7	63
22	Expression analysis of PDGF-C in adult and developing mouse tissues. Mechanisms of Development, 2002, 110, 187-191.	1.7	60
23	Endothelial Fatty Acid Transport: Role of Vascular Endothelial Growth Factor B. Physiology, 2013, 28, 125-134.	3.1	55
24	Imatinib Ameliorates Neuroinflammation in a Rat Model of Multiple Sclerosis by Enhancing Blood-Brain Barrier Integrity and by Modulating the Peripheral Immune Response. PLoS ONE, 2013, 8, e56586.	2.5	52
25	Structural Requirements for Activation of Latent Platelet-derived Growth Factor CC by Tissue Plasminogen Activator. Journal of Biological Chemistry, 2005, 280, 26856-26862.	3.4	48
26	Imatinib Enhances Functional Outcome after Spinal Cord Injury. PLoS ONE, 2012, 7, e38760.	2.5	48
27	Intercellular communication lessons in heart failure. European Journal of Heart Failure, 2015, 17, 1091-1103.	7.1	47
28	Suppressive Effects of Vascular Endothelial Growth Factor-B on Tumor Growth in a Mouse Model of Pancreatic Neuroendocrine Tumorigenesis. PLoS ONE, 2010, 5, e14109.	2.5	45
29	Mice Lacking Platelet-Derived Growth Factor D Display a Mild Vascular Phenotype. PLoS ONE, 2016, 11, e0152276.	2.5	42
30	PGC-1Î± Coordinates Mitochondrial Respiratory Capacity and Muscular Fatty Acid Uptake via Regulation of VEGF-B. Diabetes, 2016, 65, 861-873.	0.6	41
31	Neuropilin 1 binds platelet-derived growth factor (PDGF)-D and is a co-receptor in PDGF-D/PDGF receptor Î² signaling. Journal of Cell Science, 2017, 130, 1365-1378.	2.0	40
32	Imatinib treatment reduces brain injury in a murine model of traumatic brain injury. Frontiers in Cellular Neuroscience, 2015, 9, 385.	3.7	38
33	The role of PDGF-D in healthy and fibrotic kidneys. Kidney International, 2016, 89, 848-861.	5.2	38
34	Pericytes contribute to airway remodeling in a mouse model of chronic allergic asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L658-L671.	2.9	35
35	Pharmacological targeting of the PDGF-CC signaling pathway for bloodâ€“brain barrier restoration in neurological disorders. , 2016, 167, 108-119.		35
36	Platelet-Derived Growth Factor C Deficiency in C57BL/6 Mice Leads to Abnormal Cerebral Vascularization, Loss of Neuroependymal Integrity, and Ventricular Abnormalities. American Journal of Pathology, 2012, 180, 1136-1144.	3.8	34

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37	Expression of vascular endothelial growth factor (VEGF)-B and its receptor (VEGFR1) in murine heart, lung and kidney. Cell and Tissue Research, 2016, 365, 51-63.	2.9	34
38	Functional malignant cell heterogeneity in pancreatic neuroendocrine tumors revealed by targeting of PDGF-DD. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E864-73.	7.1	33
39	Presymptomatic activation of the PDGF-CC pathway accelerates onset of ALS neurodegeneration. Acta Neuropathologica, 2016, 131, 453-464.	7.7	33
40	A role for PDGF-C/PDGFRÎ± signaling in the formation of the meningeal basement membranes surrounding the cerebral cortex. Biology Open, 2016, 5, 461-474.	1.2	26
41	VEGFâ€B signaling impairs endothelial glucose transcytosis by decreasing membrane cholesterol content. EMBO Reports, 2020, 21, e49343.	4.5	25
42	Role of Platelet-Derived Growth Factor-CC in Capillary Rarefaction in Renal Fibrosis. American Journal of Pathology, 2015, 185, 2132-2142.	3.8	19
43	VEGF-B ablation in pancreatic Î²-cells upregulates insulin expression without affecting glucose homeostasis or islet lipid uptake. Scientific Reports, 2020, 10, 923.	3.3	15
44	Identification of platelet-derived growth factor C as a mediator of both renal fibrosis and hypertension. Kidney International, 2019, 95, 1103-1119.	5.2	14
45	Blocking PDGF-CC signaling ameliorates multiple sclerosis-like neuroinflammation by inhibiting disruption of the bloodâ€“brain barrier. Scientific Reports, 2020, 10, 22383.	3.3	14
46	Noninvasive intravital high-resolution imaging of pancreatic neuroendocrine tumours. Scientific Reports, 2019, 9, 14636.	3.3	8
47	Analysis of angiogenic and stromal biomarkers in a large malignant mesothelioma cohort. Lung Cancer, 2020, 150, 1-8.	2.0	8
48	Development of monoclonal anti-PDGF-CC antibodies as tools for investigating human tissue expression and for blocking PDGF-CC induced PDGFRÎ± signalling in vivo. PLoS ONE, 2018, 13, e0201089.	2.5	7
49	Transcriptomic analysis of the harvested endothelial cells in a swine model of mechanical thrombectomy. Neuroradiology, 2018, 60, 759-768.	2.2	6
50	Preclinical toxicological assessment of a novel monoclonal antibody targeting human platelet-derived growth factor CC (PDGF-CC) in PDGF-CChum mice. PLoS ONE, 2018, 13, e0200649.	2.5	5
51	Visualizing Fatty Acid Flux. Cell Metabolism, 2018, 27, 1161-1162.	16.2	1