

Lena Claesson-Welsh

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

23,100
citations

13099

68
h-index

8167

148
g-index

191
all docs

191
docs citations

191
times ranked

26269
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Unc5B controls blood-brain barrier integrity. Nature Communications, 2022, 13, 1169.	12.8	40
2	Targeting VEGF-induced vascular permeability. , 2022, 1, 413-414.		0
3	Permeability of the Endothelial Barrier: Identifying and Reconciling Controversies. Trends in Molecular Medicine, 2021, 27, 314-331.	6.7	272
4	eNOS-induced vascular barrier disruption in retinopathy by c-Src activation and tyrosine phosphorylation of VE-cadherin. ELife, 2021, 10, .	6.0	24
5	Intra-vessel heterogeneity establishes enhanced sites of macromolecular leakage downstream of laminin $\alpha 5$. Cell Reports, 2021, 35, 109268.	6.4	9
6	Paladin is a phosphoinositide phosphatase regulating endosomal VEGFR2 signalling and angiogenesis. EMBO Reports, 2021, 22, e50218.	4.5	8
7	Palmdelphin Regulates Nuclear Resilience to Mechanical Stress in the Endothelium. Circulation, 2021, 144, 1629-1645.	1.6	13
8	Perivascular Neuropilin-1 expression is an independent marker of improved survival in renal cell carcinoma. Journal of Pathology, 2020, 250, 387-396.	4.5	12
9	Marginal zone lymphoma expression of histidine-rich glycoprotein correlates with improved survival. EJHaem, 2020, 1, 199-207.	1.0	1
10	Suppressed Vascular Leakage and Myocardial Edema Improve Outcome From Myocardial Infarction. Frontiers in Physiology, 2020, 11, 763.	2.8	10
11	Oxygen sensing; a stunningly elegant molecular machinery hijacked in cancer. Upsala Journal of Medical Sciences, 2020, 125, 205-210.	0.9	8
12	c-Src controls stability of sprouting blood vessels in the developing retina independently of cell-cell adhesion through focal adhesion assembly. Development (Cambridge), 2020, 147, .	2.5	19
13	Endothelial Cell Orientation and Polarity Are Controlled by Shear Stress and VEGF Through Distinct Signaling Pathways. Frontiers in Physiology, 2020, 11, 623769.	2.8	47
14	How the matrix metalloproteinase MMP14 contributes to the progression of colorectal cancer. Journal of Clinical Investigation, 2020, 130, 1093-1095.	8.2	18
15	Mouse retinal cell behaviour in space and time using light sheet fluorescence microscopy. ELife, 2020, 9, .	6.0	30
16	Vascular permeability in retinopathy is regulated by VEGFR2 Y949 signaling to VE-cadherin. ELife, 2020, 9, .	6.0	65
17	What is normal? Apelin and VEGFA , drivers of tumor vessel abnormality. EMBO Molecular Medicine, 2019, 11, e10892.	6.9	3
18	Myc-dependent endothelial proliferation is controlled by phosphotyrosine 1212 in VEGF Receptor-2. EMBO Reports, 2019, 20, e47845.	4.5	27

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19	Temporal Dynamics of VEGFA-Induced VEGFR2/FAK Co-Localization Depend on SHB. <i>Cells</i> , 2019, 8, 1645.	4.1	12
20	Sphingosine-1-Phosphate Receptor 1 Activity Promotes Tumor Growth by Amplifying VEGF-VEGFR2 Angiogenic Signaling. <i>Cell Reports</i> , 2019, 29, 3472-3487.e4.	6.4	41
21	Fine-Tuning of Sox17 and Canonical Wnt Coordinates the Permeability Properties of the Blood-Brain Barrier. <i>Circulation Research</i> , 2019, 124, 511-525.	4.5	64
22	Caspase-8 modulates physiological and pathological angiogenesis during retina development. <i>Journal of Clinical Investigation</i> , 2019, 129, 5092-5107.	8.2	16
23	Cytokines regulating lymphangiogenesis. <i>Current Opinion in Immunology</i> , 2018, 53, 58-63.	5.5	49
24	U-CAN: a prospective longitudinal collection of biomaterials and clinical information from adult cancer patients in Sweden. <i>Acta Oncologica</i> , 2018, 57, 187-194.	1.8	52
25	Radionuclide imaging of VEGFR2 in glioma vasculature using biparatopic affibody conjugate: proof-of-principle in a murine model. <i>Theranostics</i> , 2018, 8, 4462-4476.	10.0	25
26	Shear Stress and VE-Cadherin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2174-2183.	2.4	25
27	Leukocyte Differentiation by Histidine-Rich Glycoprotein/Stanniocalcin-2 Complex Regulates Murine Glioma Growth through Modulation of Antitumor Immunity. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1961-1972.	4.1	16
28	Intravital imaging-based analysis tools for vessel identification and assessment of concurrent dynamic vascular events. <i>Nature Communications</i> , 2018, 9, 2746.	12.8	53
29	VEGF receptor/neuropilin 1 complex formation between endothelial and tumor cells is an independent predictor of pancreatic cancer survival. <i>Journal of Pathology</i> , 2018, 246, 311-322.	4.5	28
30	Alk1 (Activin Receptor-Like Kinase 1) and Vascular Hyperpermeability in Diabetic Retinopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1673-1675.	2.4	1
31	Highly sensitive and specific protein detection via combined capillary isoelectric focusing and proximity ligation. <i>Scientific Reports</i> , 2017, 7, 1490.	3.3	14
32	High sensitivity isoelectric focusing to establish a signaling biomarker for the diagnosis of human colorectal cancer. <i>BMC Cancer</i> , 2016, 16, 683.	2.6	12
33	VEGFR2 pY949 signalling regulates adherens junction integrity and metastatic spread. <i>Nature Communications</i> , 2016, 7, 11017.	12.8	111
34	Tracheobronchial transplantation: The Royal Swedish Academy of Sciences' concerns. <i>Lancet</i> , The, 2016, 387, 942.	18.7	17
35	In Situ Proximity Ligation Assay (In Situ PLA) to Assess PTP-Protein Interactions. <i>Methods in Molecular Biology</i> , 2016, 1447, 217-242.	0.9	3
36	Mechanisms and regulation of endothelial VEGF receptor signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 611-625.	37.0	1,034

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37	The endothelial adaptor molecule TSAd is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <i>Science Signaling</i> , 2016, 9, ra72.	3.6	35
38	VEGF receptor signal transduction – A brief update. <i>Vascular Pharmacology</i> , 2016, 86, 14-17.	2.1	84
39	Novel affinity binders for neutralization of vascular endothelial growth factor (VEGF) signaling. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1671-1683.	5.4	18
40	Case-specific potentiation of glioblastoma drugs by pterostilbene. <i>Oncotarget</i> , 2016, 7, 73200-73215.	1.8	16
41	Identification and characterization of VEGF-A–responsive neutrophils expressing CD49d, VEGFR1, and CXCR4 in mice and humans. <i>Blood</i> , 2015, 126, 2016-2026.	1.4	183
42	Identification of Biomarkers and Signatures in Protein Data. , 2015, , .		0
43	Histidine-rich glycoprotein blocks collagen-binding integrins and adhesion of endothelial cells through low-affinity interaction with $\alpha 2$ integrin. <i>Matrix Biology</i> , 2015, 48, 89-99.	3.6	11
44	Vascular permeability—the essentials. <i>Upsala Journal of Medical Sciences</i> , 2015, 120, 135-143.	0.9	233
45	Pulmonary Lymphangiectasia Resulting From Vascular Endothelial Growth Factor-C Overexpression During a Critical Period. <i>Circulation Research</i> , 2014, 114, 806-822.	4.5	59
46	The role of differential VE-cadherin dynamics in cell rearrangement during angiogenesis. <i>Nature Cell Biology</i> , 2014, 16, 309-321.	10.3	328
47	NRP1 Presented in trans to the Endothelium Arrests VEGFR2 Endocytosis, Preventing Angiogenic Signaling and Tumor Initiation. <i>Developmental Cell</i> , 2014, 28, 633-646.	7.0	85
48	Histidine-Rich Glycoprotein Uptake and Turnover Is Mediated by Mononuclear Phagocytes. <i>PLoS ONE</i> , 2014, 9, e107483.	2.5	17
49	Introduction to symposium on vascular biology, metabolism and cancer. <i>Journal of Internal Medicine</i> , 2013, 273, 112-113.	6.0	1
50	<sc>VEGFA</sc> and tumour angiogenesis. <i>Journal of Internal Medicine</i> , 2013, 273, 114-127.	6.0	635
51	VE-PTP regulates VEGFR2 activity in stalk cells to establish endothelial cell polarity and lumen formation. <i>Nature Communications</i> , 2013, 4, 1672.	12.8	120
52	Tetraspanin CD63 Promotes Vascular Endothelial Growth Factor Receptor 2- $\beta 1$ Integrin Complex Formation, Thereby Regulating Activation and Downstream Signaling in Endothelial Cells in Vitro and in Vivo. <i>Journal of Biological Chemistry</i> , 2013, 288, 19060-19071.	3.4	52
53	Functional Overlap Between Chondroitin and Heparan Sulfate Proteoglycans During VEGF-Induced Sprouting Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1255-1263.	2.4	62
54	Blood vessels as targets in tumor therapy. <i>Upsala Journal of Medical Sciences</i> , 2012, 117, 178-186.	0.9	32

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55	Genetic Deficiency in Plasma Protein HRG Enhances Tumor Growth and Metastasis by Exacerbating Immune Escape and Vessel Abnormalization. <i>Cancer Research</i> , 2012, 72, 1953-1963.	0.9	32
56	VEGFR2 induces c-Src signaling and vascular permeability in vivo via the adaptor protein TSAAd. <i>Journal of Experimental Medicine</i> , 2012, 209, 1363-1377.	8.5	194
57	Signal Transduction by Vascular Endothelial Growth Factor Receptors. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2012, 2, a006502-a006502.	6.2	670
58	Receptor Talk and Tumor Cell Walk in Glioblastoma. <i>Cancer Cell</i> , 2012, 22, 1-2.	16.8	5
59	Histidine Rich Glycoprotein, an Endogenous Regulator of Macrophage and Endothelial Biology. <i>Current Angiogenesis</i> , 2012, 1, 81-87.	0.1	1
60	Analysis of VEGF-A Regulated Gene Expression in Endothelial Cells to Identify Genes Linked to Angiogenesis. <i>PLoS ONE</i> , 2011, 6, e24887.	2.5	23
61	HRG Inhibits Tumor Growth and Metastasis by Inducing Macrophage Polarization and Vessel Normalization through Downregulation of PlGF. <i>Cancer Cell</i> , 2011, 19, 31-44.	16.8	628
62	Signal transduction by vascular endothelial growth factor receptors. <i>Biochemical Journal</i> , 2011, 437, 169-183.	3.7	712
63	Vascular endothelial growth factors and receptors: Anti-angiogenic therapy in the treatment of cancer. <i>Molecular Aspects of Medicine</i> , 2011, 32, 88-111.	6.4	173
64	ADAM-Mediated Shedding, A New Flavor in Angiogenesis Regulation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 2087-2088.	2.4	4
65	VEGF receptor 2/-3 heterodimers detected in situ by proximity ligation on angiogenic sprouts. <i>EMBO Journal</i> , 2010, 29, 1377-1388.	7.8	149
66	Vascular endothelial growth factor B controls endothelial fatty acid uptake. <i>Nature</i> , 2010, 464, 917-921.	27.8	423
67	T Cell Specific Adapter Protein (TSAAd) Interacts with Tec Kinase ITK to Promote CXCL12 Induced Migration of Human and Murine T Cells. <i>PLoS ONE</i> , 2010, 5, e9761.	2.5	20
68	p21-activated Kinase 4 Phosphorylation of Integrin β 5 Ser-759 and Ser-762 Regulates Cell Migration. <i>Journal of Biological Chemistry</i> , 2010, 285, 23699-23710.	3.4	51
69	A Mutated Soluble Neuropilin-2 B Domain Antagonizes Vascular Endothelial Growth Factor Bioactivity and Inhibits Tumor Progression. <i>Molecular Cancer Research</i> , 2010, 8, 1063-1073.	3.4	48
70	VEGF-mediated signal transduction in lymphatic endothelial cells. <i>Pathophysiology</i> , 2010, 17, 253-261.	2.2	51
71	Further Pharmacological and Genetic Evidence for the Efficacy of PlGF Inhibition in Cancer and Eye Disease. <i>Cell</i> , 2010, 141, 178-190.	28.9	243
72	Type 3 cystatins; fetuins, kininogen and histidine-rich glycoprotein. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 2911.	3.0	77

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73	Transcriptional profiling reveals a critical role for tyrosine phosphatase VEâ€PTP in regulation of VEGFR2 activity and endothelial cell morphogenesis. <i>FASEB Journal</i> , 2009, 23, 1490-1502.	0.5	98
74	Distinct role of PLCÎ²3 in VEGF-mediated directional migration and vascular sprouting. <i>Journal of Cell Science</i> , 2009, 122, 1025-1034.	2.0	54
75	Healing hemangiomas. <i>Nature Medicine</i> , 2008, 14, 1147-1148.	30.7	8
76	Ninein Is Expressed in the Cytoplasm of Angiogenic Tip-Cells and Regulates Tubular Morphogenesis of Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2123-2130.	2.4	27
77	Chapter 13 VEGF Receptor Signal Transduction. <i>Methods in Enzymology</i> , 2008, 443, 261-284.	1.0	30
78	Vascular Endothelial Growth Factor (VEGF)-A165b Is a Weak <i>In vitro</i> Agonist for VEGF Receptor-2 Due to Lack of Coreceptor Binding and Deficient Regulation of Kinase Activity. <i>Cancer Research</i> , 2008, 68, 4683-4692.	0.9	147
79	Orf virus VEGFâ€ N22 promotes paracellular NRPâ€1/VEGFRâ€2 coreceptor assembly <i>via</i> the peptide RPPR. <i>FASEB Journal</i> , 2008, 22, 3078-3086.	0.5	49
80	Laminin deposition is dispensable for vasculogenesis but regulates blood vessel diameter independent of flow. <i>FASEB Journal</i> , 2008, 22, 1530-1539.	0.5	64
81	VEGF-B Taken to Our Hearts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1575-1576.	2.4	22
82	Î±B-crystallin promotes tumor angiogenesis by increasing vascular survival during tube morphogenesis. <i>Blood</i> , 2008, 111, 2015-2023.	1.4	83
83	Neuropilin-1 in regulation of VEGF-induced activation of p38MAPK and endothelial cell organization. <i>Blood</i> , 2008, 112, 3638-3649.	1.4	143
84	Vascular Basement Membrane Components in Angiogenesis â€” An Act of Balance. <i>Scientific World Journal, The</i> , 2008, 8, 1246-1249.	2.1	16
85	Angiomotin regulates endothelial cell migration during embryonic angiogenesis. <i>Genes and Development</i> , 2007, 21, 2055-2068.	5.9	128
86	Building blood vesselsâ€”stem cell models in vascular biology. <i>Journal of Cell Biology</i> , 2007, 177, 751-755.	5.2	89
87	Platelet-Derived Growth Factor Receptor-Î² Constitutive Activity Promotes Angiogenesis In Vivo and In Vitro. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 2142-2149.	2.4	72
88	Endothelial cells in line. <i>Blood</i> , 2007, 109, 1343-1344.	1.4	0
89	FGFR-1 regulates angiogenesis through cytokines interleukin-4 and pleiotrophin. <i>Blood</i> , 2007, 110, 4214-4222.	1.4	24
90	Lentiviral Rescue of Vascular Endothelial Growth Factor Receptor-2 Expression in <i>Flk1</i> Embryonic Stem Cells Shows Early Priming of Endothelial Precursors. <i>Stem Cells</i> , 2007, 25, 2987-2995.	3.2	14

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91	Signal transduction by VEGF receptors in regulation of angiogenesis and lymphangiogenesis. <i>Experimental Cell Research</i> , 2006, 312, 549-560.	2.6	910
92	Early Lymph Vessel Development From Embryonic Stem Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1073-1078.	2.4	51
93	Heparan Sulfate in trans Potentiates VEGFR-Mediated Angiogenesis. <i>Developmental Cell</i> , 2006, 10, 625-634.	7.0	220
94	Platelet-derived growth factor receptor- β promotes early endothelial cell differentiation. <i>Blood</i> , 2006, 108, 1877-1886.	1.4	83
95	VEGF receptor signalling ? in control of vascular function. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 359-371.	37.0	2,698
96	Signal transduction in endothelial cells by the angiogenesis inhibitor histidine-rich glycoprotein targets focal adhesions. <i>Experimental Cell Research</i> , 2006, 312, 2547-2556.	2.6	31
97	Minimal Active Domain and Mechanism of Action of the Angiogenesis Inhibitor Histidine-Rich Glycoprotein. <i>Cancer Research</i> , 2006, 66, 2089-2097.	0.9	56
98	The Anti-angiogenic His/Pro-rich Fragment of Histidine-rich Glycoprotein Binds to Endothelial Cell Heparan Sulfate in a Zn ²⁺ -dependent Manner. <i>Journal of Biological Chemistry</i> , 2006, 281, 10298-10304.	3.4	44
99	Novel paths to blood vessel formation. <i>Blood</i> , 2005, 105, 4153-4154.	1.4	0
100	VEGF receptor-2 Y951 signaling and a role for the adapter molecule TSA _d in tumor angiogenesis. <i>EMBO Journal</i> , 2005, 24, 2342-2353.	7.8	243
101	Fibroblast Growth Factor Receptor-1 Expression Is Required for Hematopoietic but not Endothelial Cell Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 944-949.	2.4	35
102	Proteomic Analysis of Vascular Endothelial Growth Factor-induced Endothelial Cell Differentiation Reveals a Role for Chloride Intracellular Channel 4 (CLIC4) in Tubular Morphogenesis*. <i>Journal of Biological Chemistry</i> , 2005, 280, 42397-42404.	3.4	90
103	Deregulation of Flk-1/vascular endothelial growth factor receptor-2 in fibroblast growth factor receptor-1-deficient vascular stem cell development. <i>Journal of Cell Science</i> , 2004, 117, 1513-1523.	2.0	53
104	The Minimal Active Domain of Endostatin Is a Heparin-Binding Motif that Mediates Inhibition of Tumor Vascularization. <i>Cancer Research</i> , 2004, 64, 9012-9017.	0.9	52
105	The Adaptor Protein Shb Binds to Tyrosine 1175 in Vascular Endothelial Growth Factor (VEGF) Receptor-2 and Regulates VEGF-dependent Cellular Migration. <i>Journal of Biological Chemistry</i> , 2004, 279, 22267-22275.	3.4	225
106	A Fragment of Histidine-Rich Glycoprotein Is a Potent Inhibitor of Tumor Vascularization. <i>Cancer Research</i> , 2004, 64, 599-605.	0.9	83
107	Vascular endothelial growth factor receptor 3 in hypoxia-induced vascular development. <i>FASEB Journal</i> , 2004, 18, 1507-1515.	0.5	41
108	Laminin-1 Promotes Angiogenesis in Synergy with Fibroblast Growth Factor by Distinct Regulation of the Gene and Protein Expression Profile in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 23766-23772.	3.4	55

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109	Translocated in liposarcoma (TLS) is a substrate for fibroblast growth factor receptor-1. Cellular Signalling, 2004, 16, 515-520.	3.6	9
110	Positive and negative regulation of endothelial cell function. International Congress Series, 2004, 1262, 279-282.	0.2	1
111	VEGF-receptor signal transduction. Trends in Biochemical Sciences, 2003, 28, 488-494.	7.5	563
112	A novel function for tissue inhibitor of metalloproteinases-3 (TIMP3): inhibition of angiogenesis by blockage of VEGF binding to VEGF receptor-2. Nature Medicine, 2003, 9, 407-415.	30.7	616
113	Ligand-induced Vascular Endothelial Growth Factor Receptor-3 (VEGFR-3) Heterodimerization with VEGFR-2 in Primary Lymphatic Endothelial Cells Regulates Tyrosine Phosphorylation Sites. Journal of Biological Chemistry, 2003, 278, 40973-40979.	3.4	220
114	Angiostatin and endostatin inhibit endothelial cell migration in response to FGF and VEGF without interfering with specific intracellular signal transduction pathways. FEBS Letters, 2003, 536, 19-24.	2.8	98
115	Differential tyrosine phosphorylation of fibroblast growth factor (FGF) receptor-1 and receptor proximal signal transduction in response to FGF-2 and heparin. Experimental Cell Research, 2003, 287, 190-198.	2.6	33
116	Endostatin action and intracellular signaling: β -catenin as a potential target?. Cancer Letters, 2003, 196, 1-12.	7.2	45
117	Heparin Amplifies Platelet-derived Growth Factor (PDGF)-BB-induced PDGF β -Receptor but Not PDGF α -Receptor Tyrosine Phosphorylation in Heparan Sulfate-deficient Cells. Journal of Biological Chemistry, 2002, 277, 19315-19321.	3.4	53
118	p38 MAP kinase negatively regulates endothelial cell survival, proliferation, and differentiation in FGF-2-stimulated angiogenesis. Journal of Cell Biology, 2002, 156, 149-160.	5.2	183
119	Functional Tyrosine Kinase Inhibitor Profiling. American Journal of Pathology, 2002, 161, 781-786.	3.8	25
120	Role of heparan sulfate domain organization in endostatin inhibition of endothelial cell function. EMBO Journal, 2002, 21, 6303-6311.	7.8	84
121	Endostatin regulates endothelial cell adhesion and cytoskeletal organization. Cancer Research, 2002, 62, 1944-7.	0.9	101
122	VEGF-Induced Activation of Phosphoinositide 3-Kinase Is Dependent on Focal Adhesion Kinase. Experimental Cell Research, 2001, 263, 173-182.	2.6	122
123	FGF and VEGF function in angiogenesis: signalling pathways, biological responses and therapeutic inhibition. Trends in Pharmacological Sciences, 2001, 22, 201-207.	8.7	859
124	Signaling properties of VEGF receptor-1 and -2 homo- and heterodimers. International Journal of Biochemistry and Cell Biology, 2001, 33, 315-324.	2.8	118
125	Signal transduction by VEGF receptor-1 wild type and mutant proteins. Cellular Signalling, 2001, 13, 849-854.	3.6	33
126	A Novel Anti-angiogenic Form of Antithrombin with Retained Proteinase Binding Ability and Heparin Affinity. Journal of Biological Chemistry, 2001, 276, 11996-12002.	3.4	44

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127	Function of fibroblast growth factors and vascular endothelial growth factors and their receptors in angiogenesis. <i>Critical Reviews in Oncology/Hematology</i> , 2000, 34, 185-194.	4.4	251
128	Selectively Desulfated Heparin Inhibits Fibroblast Growth Factor-induced Mitogenicity and Angiogenesis. <i>Journal of Biological Chemistry</i> , 2000, 275, 24653-24660.	3.4	164
129	Platelet-Derived Growth Factor-Mediated Signaling through the Shb Adaptor Protein: Effects on Cytoskeletal Organization. <i>Experimental Cell Research</i> , 2000, 257, 245-254.	2.6	22
130	Endostatins derived from collagens XV and XVIII differ in structural and binding properties, tissue distribution and anti-angiogenic activity. <i>Journal of Molecular Biology</i> , 2000, 301, 1179-1190.	4.2	195
131	Overexpression of VEGF 121 in Immortalized Endothelial Cells Causes Conversion to Slowly Growing Angiosarcoma and High Level Expression of the VEGF Receptors VEGFR-1 and VEGFR-2 in Vivo. <i>American Journal of Pathology</i> , 2000, 156, 1469-1476.	3.8	113
132	Tyrosine Phosphatase SHP-2 Is Involved in Regulation of Platelet-derived Growth Factor-induced Migration. <i>Journal of Biological Chemistry</i> , 1999, 274, 14455-14463.	3.4	54
133	Fibroblast Growth Factor Receptor-1-mediated Endothelial Cell Proliferation Is Dependent on the Src Homology (SH) 2/SH3 Domain-containing Adaptor Protein Crk. <i>Journal of Biological Chemistry</i> , 1999, 274, 25726-25734.	3.4	99
134	Contribution of Src and Ras pathways in FGF-2 induced endothelial cell differentiation. <i>Oncogene</i> , 1999, 18, 3354-3364.	5.9	113
135	Dual effects of heparin on VEGF binding to VEGF receptor-1 and transduction of biological responses. <i>Oncogene</i> , 1999, 3, 159-166.		25
136	Structural basis and potential role of heparin/heparan sulfate binding to the angiogenesis inhibitor endostatin. <i>EMBO Journal</i> , 1999, 18, 6240-6248.	7.8	196
137	Phosphoinositide 3 kinase is critical for survival, mitogenesis and migration but not for differentiation of endothelial cells. <i>Angiogenesis</i> , 1999, 3, 371-380.	7.2	30
138	Signaling via Fibroblast Growth Factor Receptor-1 Is Dependent on Extracellular Matrix in Capillary Endothelial Cell Differentiation. <i>Experimental Cell Research</i> , 1999, 248, 203-213.	2.6	58
139	Placenta growth factor stimulates MAP kinase and mitogenicity but not phospholipase C- β and migration of endothelial cells expressing Flt 1. <i>Oncogene</i> , 1998, 16, 359-367.	5.9	156
140	Activation of Stat5 by platelet-derived growth factor (PDGF) is dependent on phosphorylation sites in PDGF β -receptor juxtamembrane and kinase insert domains. <i>Oncogene</i> , 1998, 16, 505-515.	5.9	82
141	Fibroblast growth factor receptor-1 mediates chemotaxis independently of direct SH2-domain protein binding. <i>Oncogene</i> , 1998, 17, 283-291.	5.9	52
142	2'-Fluoropyrimidine RNA-based Aptamers to the 165-Amino Acid Form of Vascular Endothelial Growth Factor (VEGF165). <i>Journal of Biological Chemistry</i> , 1998, 273, 20556-20567.	3.4	648
143	Identification of Vascular Endothelial Growth Factor Receptor-1 Tyrosine Phosphorylation Sites and Binding of SH2 Domain-containing Molecules. <i>Journal of Biological Chemistry</i> , 1998, 273, 23410-23418.	3.4	99
144	Phosphatidylinositol 3-Kinase-independent p70 S6 Kinase Activation by Fibroblast Growth Factor Receptor-1 Is Important for Proliferation but Not Differentiation of Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 23347-23353.	3.4	86

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145	Involvement of Phosphatidylinositide 3-kinase and Rac in Platelet-Derived Growth Factor-Induced Actin Reorganization and Chemotaxis. <i>Experimental Cell Research</i> , 1997, 234, 434-441.	2.6	110
146	Hyaluronan Oligosaccharides Induce Tube Formation of a Brain Endothelial Cell Line in Vitro. <i>Experimental Cell Research</i> , 1997, 237, 223-230.	2.6	63
147	Phosphorylation of a 72-kDa protein in PDGF-stimulated cells which forms complex with c-Crk, c-Fyn and Eps15. <i>FEBS Letters</i> , 1997, 409, 195-200.	2.8	8
148	Proteolytic processing regulates receptor specificity and activity of VEGF-C. <i>EMBO Journal</i> , 1997, 16, 3898-3911.	7.8	669
149	Analysis of the mechanism of angiogenesis inhibitors in vitro. <i>Japanese Journal of Urology</i> , 1997, 88, 196.	0.1	0
150	Mechanism of action of platelet-derived growth factor. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 373-385.	2.8	83
151	Induction of Fibroblast Growth Factor Receptor-1 mRNA and Protein by Platelet-Derived Growth Factor BB. <i>Experimental Cell Research</i> , 1996, 223, 405-411.	2.6	18
152	SUC1-Associated Neurotrophic Factor Target (SNT) Protein Is a Major FGF-Stimulated Tyrosine Phosphorylated 90-kDa Protein Which Binds to the SH2 Domain of GRB2. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 1021-1026.	2.1	44
153	Expression of Growth Factors and Growth Factor Receptors in Capillary Hemangioblastoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 1996, 55, 522-527.	1.7	78
154	Structural Determinants in the Platelet-derived Growth Factor β -Receptor Implicated in Modulation of Chemotaxis. <i>Journal of Biological Chemistry</i> , 1996, 271, 5101-5111.	3.4	45
155	Grb7 is a Downstream Signaling Component of Platelet-derived Growth Factor β - and γ -Receptors. <i>Journal of Biological Chemistry</i> , 1996, 271, 30942-30949.	3.4	67
156	Requirement for Phosphatidylinositol 3-kinase Activity in Platelet-derived Growth Factor-stimulated Tyrosine Phosphorylation of p125 Focal Adhesion Kinase and Paxillin. <i>Journal of Biological Chemistry</i> , 1996, 271, 7829-7834.	3.4	94
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