List of Publications by Year in descending order

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Κλρι Διιτλιο

#	Article	IF	CITATIONS
1	VEGF guides angiogenic sprouting utilizing endothelial tip cell filopodia. Journal of Cell Biology, 2003, 161, 1163-1177.	5.2	2,483
2	Molecular regulation of angiogenesis and lymphangiogenesis. Nature Reviews Molecular Cell Biology, 2007, 8, 464-478.	37.0	1,711
3	Induction of tumor lymphangiogenesis by VEGF-C promotes breast cancer metastasis. Nature Medicine, 2001, 7, 192-198.	30.7	1,555
4	A dural lymphatic vascular system that drains brain interstitial fluid and macromolecules. Journal of Experimental Medicine, 2015, 212, 991-999.	8.5	1,543
5	Amplified DNA with limited homology to myc cellular oncogene is shared by human neuroblastoma cell lines and a neuroblastoma tumour. Nature, 1983, 305, 245-248.	27.8	1,295
6	A novel vascular endothelial growth factor, VEGF-C, is a ligand for the Flt4 (VEGFR-3) and KDR (VEGFR-2) receptor tyrosine kinases EMBO Journal, 1996, 15, 290-298.	7.8	1,264
7	Expression of the fms-like tyrosine kinase 4 gene becomes restricted to lymphatic endothelium during development Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 3566-3570.	7.1	1,262
8	Control of vascular morphogenesis and homeostasis through the angiopoietin–Tie system. Nature Reviews Molecular Cell Biology, 2009, 10, 165-177.	37.0	1,235
9	Vascular endothelial growth factor C is required for sprouting of the first lymphatic vessels from embryonic veins. Nature Immunology, 2004, 5, 74-80.	14.5	1,208
10	Lymphangiogenesis: Molecular Mechanisms and Future Promise. Cell, 2010, 140, 460-476.	28.9	1,198
11	Hyperplasia of Lymphatic Vessels in VEGF-C Transgenic Mice. Science, 1997, 276, 1423-1425.	12.6	1,160
12	Lymphangiogenesis in development and human disease. Nature, 2005, 438, 946-953.	27.8	1,117
13	Vascular endothelial growth factor D (VEGF-D) is a ligand for the tyrosine kinases VEGF receptor 2 (Flk1) and VEGF receptor 3 (Flt4). Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 548-553.	7.1	1,078
14	Angiosarcomas Express Mixed Endothelial Phenotypes of Blood and Lymphatic Capillaries. American Journal of Pathology, 1999, 154, 385-394.	3.8	984
15	Clinical applications of angiogenic growth factors and their inhibitors. Nature Medicine, 1999, 5, 1359-1364.	30.7	958
16	Copy number variation and selection during reprogramming to pluripotency. Nature, 2011, 471, 58-62.	27.8	870
17	Macrophages regulate salt-dependent volume and blood pressure by a vascular endothelial growth factor-C–dependent buffering mechanism. Nature Medicine, 2009, 15, 545-552.	30.7	835
18	Vascular endothelial growth factor-C-mediated lymphangiogenesis promotes tumour metastasis. EMBO Journal, 2001, 20, 672-682.	7.8	808

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19	The lymphatic vasculature in disease. Nature Medicine, 2011, 17, 1371-1380.	30.7	807
20	Blocking VEGFR-3 suppresses angiogenic sprouting and vascular network formation. Nature, 2008, 454, 656-660.	27.8	731
21	Lymphangiogenesis and cancer metastasis. Nature Reviews Cancer, 2002, 2, 573-583.	28.4	729
22	Cardiovascular Failure in Mouse Embryos Deficient in VEGF Receptor-3. , 1998, 282, 946-949.		726
23	Tumor-Associated Macrophages Express Lymphatic Endothelial Growth Factors and Are Related to Peritumoral Lymphangiogenesis. American Journal of Pathology, 2002, 161, 947-956.	3.8	712
24	Homogeneously staining chromosomal regions contain amplified copies of an abundantly expressed cellular oncogene (c-myc) in malignant neuroendocrine cells from a human colon carcinoma Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 1707-1711.	7.1	711
25	Isolated lymphatic endothelial cells transduce growth, survival and migratory signals via the VEGF-C/D receptor VEGFR-3. EMBO Journal, 2001, 20, 4762-4773.	7.8	705
26	Inhibition of lymphangiogenesis with resulting lymphedema in transgenic mice expressing soluble VEGF receptor-3. Nature Medicine, 2001, 7, 199-205.	30.7	687
27	The biology of vascular endothelial growth factors. Cardiovascular Research, 2005, 65, 550-563.	3.8	680
28	Vascular endothelial growth factor B, a novel growth factor for endothelial cells Proceedings of the United States of America, 1996, 93, 2576-2581.	7.1	674
29	Proteolytic processing regulates receptor specificity and activity of VEGF-C. EMBO Journal, 1997, 16, 3898-3911.	7.8	669
30	Distribution of human herpesvirus-8 latently infected cells in Kaposi's sarcoma, multicentric Castleman's disease, and primary effusion lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4546-4551.	7.1	641
31	Molecular mechanisms of lymphangiogenesis in health and disease. Cancer Cell, 2002, 1, 219-227.	16.8	638
32	VEGFs and receptors involved in angiogenesis versus lymphangiogenesis. Current Opinion in Cell Biology, 2009, 21, 154-165.	5.4	636
33	Missense mutations interfere with VEGFR-3 signalling in primary lymphoedema. Nature Genetics, 2000, 25, 153-159.	21.4	593
34	Vascular endothelial growth factor is induced in response to transforming growth factor-beta in fibroblastic and epithelial cells Journal of Biological Chemistry, 1994, 269, 6271-6274.	3.4	588
35	Signalling via vascular endothelial growth factor receptor-3 is sufficient for lymphangiogenesis in transgenic mice. EMBO Journal, 2001, 20, 1223-1231.	7.8	583
36	Vascular Endothelial Growth Factor Ligands and Receptors That Regulate Human Cytotrophoblast Survival Are Dysregulated in Severe Preeclampsia and Hemolysis, Elevated Liver Enzymes, and Low Platelets Syndrome. American Journal of Pathology, 2002, 160, 1405-1423.	3.8	575

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37	PDGF-C is a new protease-activated ligand for the PDGF α-receptor. Nature Cell Biology, 2000, 2, 302-309.	10.3	548
38	VEGF-C receptor binding and pattern of expression with VEGFR-3 suggests a role in lymphatic vascular development. Development (Cambridge), 1996, 122, 3829-3837.	2.5	546
39	Lymphatic endothelial reprogramming of vascular endothelial cells by the Prox-1 homeobox transcription factor. EMBO Journal, 2002, 21, 4593-4599.	7.8	544
40	Regulation of angiogenesis via vascular endothelial growth factor receptors. Cancer Research, 2000, 60, 203-12.	0.9	541
41	A model for gene therapy of human hereditary lymphedema. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12677-12682.	7.1	538
42	Abnormal lymphatic vessel development in neuropilin 2 mutant mice. Development (Cambridge), 2002, 129, 4797-4806.	2.5	526
43	Binding of Ras to Phosphoinositide 3-Kinase p110α Is Required for Ras- Driven Tumorigenesis in Mice. Cell, 2007, 129, 957-968.	28.9	524
44	Defective valves and abnormal mural cell recruitment underlie lymphatic vascular failure in lymphedema distichiasis. Nature Medicine, 2004, 10, 974-981.	30.7	515
45	Vascular endothelial growth factor C induces angiogenesis in vivo. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 14389-14394.	7.1	513
46	Endothelial receptor tyrosine kinases involved in angiogenesis Journal of Cell Biology, 1995, 129, 895-898.	5.2	504
47	PDGF-D is a specific, protease-activated ligand for the PDGF β-receptor. Nature Cell Biology, 2001, 3, 512-516.	10.3	503
48	FGFR-4, a novel acidic fibroblast growth factor receptor with a distinct expression pattern EMBO Journal, 1991, 10, 1347-1354.	7.8	492
49	Vascular endothelial growth factor is induced in response to transforming growth factor-beta in fibroblastic and epithelial cells. Journal of Biological Chemistry, 1994, 269, 6271-4.	3.4	492
50	Polarized Vascular Endothelial Growth Factor Secretion by Human Retinal Pigment Epithelium and Localization of Vascular Endothelial Growth Factor Receptors on the Inner Choriocapillaris. American Journal of Pathology, 1999, 155, 421-428.	3.8	491
51	Vascularization of the mouse embryo: A study of flk-1, tek, tie, and vascular endothelial growth factor expression during development. Developmental Dynamics, 1995, 203, 80-92.	1.8	486
52	VEGFR-3 and Its Ligand VEGF-C Are Associated with Angiogenesis in Breast Cancer. American Journal of Pathology, 1999, 154, 1381-1390.	3.8	484
53	Vascular endothelial growth factor C promotes tumor lymphangiogenesis and intralymphatic tumor growth. Cancer Research, 2001, 61, 1786-90.	0.9	483
54	Pathogenesis of persistent lymphatic vessel hyperplasia in chronic airway inflammation. Journal of Clinical Investigation, 2005, 115, 247-257.	8.2	475

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55	VEGF-C–induced lymphangiogenesis in sentinel lymph nodes promotes tumor metastasis to distant sites. Blood, 2007, 109, 1010-1017.	1.4	473
56	Vascular endothelial growth factor B (VEGF-B) binds to VEGF receptor-1 and regulates plasminogen activator activity in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 11709-11714.	7.1	472
57	A cellular oncogene (c-Ki-ras) is amplified, overexpressed, and located within karyotypic abnormalities in mouse adrenocortical tumour cells. Nature, 1983, 303, 497-501.	27.8	471
58	Suppression of Tumor Lymphangiogenesis and Lymph Node Metastasis by Blocking Vascular Endothelial Growth Factor Receptor 3 Signaling. Journal of the National Cancer Institute, 2002, 94, 819-825.	6.3	469
59	The receptor tyrosine kinase TIE is required for integrity and survival of vascular endothelial cells EMBO Journal, 1995, 14, 5884-5891.	7.8	439
60	VEGF and VEGF-C: Specific Induction of Angiogenesis and Lymphangiogenesis in the Differentiated Avian Chorioallantoic Membrane. Developmental Biology, 1997, 188, 96-109.	2.0	438
61	VEGFs, receptors and angiogenesis. Seminars in Cancer Biology, 1999, 9, 211-220.	9.6	438
62	Understanding the functions and relationships of the glymphatic system and meningeal lymphatics. Journal of Clinical Investigation, 2017, 127, 3210-3219.	8.2	436
63	A novel vascular endothelial growth factor, VEGF-C, is a ligand for the Flt4 (VEGFR-3) and KDR (VEGFR-2) receptor tyrosine kinases. EMBO Journal, 1996, 15, 290-98.	7.8	432
64	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
65	Kaposi sarcoma herpesvirus–induced cellular reprogramming contributes to the lymphatic endothelial gene expression in Kaposi sarcoma. Nature Genetics, 2004, 36, 687-693.	21.4	414
66	Interaction of endostatin with integrins implicated in angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1024-1029.	7.1	411
67	Comparison of VEGF, VEGF-B, VEGF-C and Ang-1 mRNA regulation by serum, growth factors, oncoproteins and hypoxia. Oncogene, 1997, 14, 2475-2483.	5.9	407
68	Angiopoietins assemble distinct Tie2 signalling complexes in endothelial cell–cell and cell–matrix contacts. Nature Cell Biology, 2008, 10, 527-537.	10.3	406
69	PDZ interaction site in ephrinB2 is required for the remodeling of lymphatic vasculature. Genes and Development, 2005, 19, 397-410.	5.9	405
70	Signaling and Functions of Angiopoietin-1 in Vascular Protection. Circulation Research, 2006, 98, 1014-1023.	4.5	396
71	VEGF and angiopoietin signaling in tumor angiogenesis and metastasis. Trends in Molecular Medicine, 2011, 17, 347-362.	6.7	391
72	Gene transfer as a tool to induce therapeutic vascular growth. Nature Medicine, 2003, 9, 694-701.	30.7	382

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73	Adult bone marrow-derived cells recruited during angiogenesis comprise precursors for periendothelial vascular mural cells. Blood, 2004, 104, 2084-2086.	1.4	382
74	Congenital Hereditary Lymphedema Caused by a Mutation That Inactivates VEGFR3 Tyrosine Kinase. American Journal of Human Genetics, 2000, 67, 295-301.	6.2	380
75	Bone marrow-derived circulating endothelial precursors do not contribute to vascular endothelium and are not needed for tumor growth. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 6620-6625.	7.1	380
76	VEGF-D Is the Strongest Angiogenic and Lymphangiogenic Effector Among VEGFs Delivered Into Skeletal Muscle via Adenoviruses. Circulation Research, 2003, 92, 1098-1106.	4.5	374
77	Vascular Growth Factors and Lymphangiogenesis. Physiological Reviews, 2002, 82, 673-700.	28.8	373
78	Tie receptors: new modulators of angiogenic and lymphangiogenic responses. Nature Reviews Molecular Cell Biology, 2001, 2, 257-267.	37.0	366
79	Therapeutic targeting of the angiopoietin–TIE pathway. Nature Reviews Drug Discovery, 2017, 16, 635-661.	46.4	364
80	Critical role of CD11b+ macrophages and VEGF in inflammatory lymphangiogenesis, antigen clearance, and inflammation resolution. Blood, 2009, 113, 5650-5659.	1.4	363
81	Vascular Endothelial Cell Growth Factor Receptor 3–Mediated Activation of Lymphatic Endothelium Is Crucial for Tumor Cell Entry and Spread via Lymphatic Vessels. Cancer Research, 2005, 65, 4739-4746.	0.9	361
82	Concurrent Induction of Lymphangiogenesis, Angiogenesis, and Macrophage Recruitment by Vascular Endothelial Growth Factor-C in Melanoma. American Journal of Pathology, 2001, 159, 893-903.	3.8	356
83	VEGFR-3 and CD133 identify a population of CD34+ lymphatic/vascular endothelial precursor cells. Blood, 2003, 101, 168-172.	1.4	356
84	Vascular Endothelial Growth Factor Receptor-3 in Lymphangiogenesis in Wound Healing. American Journal of Pathology, 2000, 156, 1499-1504.	3.8	352
85	Lymphatic vasculature: development, molecular regulation and role in tumor metastasis and inflammation. Trends in Immunology, 2004, 25, 387-395.	6.8	351
86	Absence of functional lymphatics within a murine sarcoma: a molecular and functional evaluation. Cancer Research, 2000, 60, 4324-7.	0.9	341
87	Immune cells control skin lymphatic electrolyte homeostasis and blood pressure. Journal of Clinical Investigation, 2013, 123, 2803-2815.	8.2	338
88	Proinflammatory Cytokines Regulate Expression of the Lymphatic Endothelial Mitogen Vascular Endothelial Growth Factor-C. Journal of Biological Chemistry, 1998, 273, 8413-8418.	3.4	336
89	A novel endothelial cell surface receptor tyrosine kinase with extracellular epidermal growth factor homology domains Molecular and Cellular Biology, 1992, 12, 1698-1707.	2.3	327
90	Pathogenesis of persistent lymphatic vessel hyperplasia in chronic airway inflammation. Journal of Clinical Investigation, 2005, 115, 247-257.	8.2	326

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91	A novel vascular endothelial growth factor, VEGF-C, is a ligand for the Flt4 (VEGFR-3) and KDR (VEGFR-2) receptor tyrosine kinases EMBO Journal, 1996, 15, 1751-1751.	7.8	324
92	Therapeutic differentiation and maturation of lymphatic vessels after lymph node dissection and transplantation. Nature Medicine, 2007, 13, 1458-1466.	30.7	321
93	VEGF-C-driven lymphatic drainage enables immunosurveillance of brain tumours. Nature, 2020, 577, 689-694.	27.8	321
94	Molecular Biology and Pathology of Lymphangiogenesis. Annual Review of Pathology: Mechanisms of Disease, 2008, 3, 367-397.	22.4	314
95	Fibronectin is produced by human macrophages Journal of Experimental Medicine, 1980, 151, 602-613.	8.5	312
96	Development and plasticity of meningeal lymphatic vessels. Journal of Experimental Medicine, 2017, 214, 3645-3667.	8.5	311
97	Neuropilin-2 mediates VEGF-C–induced lymphatic sprouting together with VEGFR3. Journal of Cell Biology, 2010, 188, 115-130.	5.2	307
98	Oncogene Amplification in Tumor Cells. Advances in Cancer Research, 1986, 47, 235-281.	5.0	303
99	VEGFâ€C and VEGFâ€Ð expression in neuroendocrine cells and their receptor, VEGFRâ€3, in fenestrated blood vessels in human tissues. FASEB Journal, 2000, 14, 2087-2096.	0.5	299
100	FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. Journal of Cell Biology, 2009, 185, 439-457.	5.2	295
101	The human p50csk tyrosine kinase phosphorylates p56lck at Tyr-505 and down regulates its catalytic activity EMBO Journal, 1992, 11, 2919-2924.	7.8	294
102	Vascular Endothelial Growth Factors VEGF-B and VEGF-C Are Expressed in Human Tumors. American Journal of Pathology, 1998, 153, 103-108.	3.8	289
103	Blockade of vascular endothelial growth factor receptor-3 signaling inhibits fibroblast growth factor-2-induced lymphangiogenesis in mouse cornea. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 8868-8873.	7.1	287
104	Isolation of the pericellular matrix of human fibroblast cultures Journal of Cell Biology, 1979, 81, 83-91.	5.2	281
105	Biosynthesis of Vascular Endothelial Growth Factor-D Involves Proteolytic Processing Which Generates Non-covalent Homodimers. Journal of Biological Chemistry, 1999, 274, 32127-32136.	3.4	281
106	Induction of a basement membrane glycoprotein in embryonic kidney: possible role of laminin in morphogenesis Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 485-489.	7.1	279
107	Comparative Evaluation of FGF-2–, VEGF-A–, and VEGF-C–Induced Angiogenesis, Lymphangiogenesis, Vascular Fenestrations, and Permeability. Circulation Research, 2004, 94, 664-670.	4.5	276
108	VEGFR-3 controls tip to stalk conversion at vessel fusion sites by reinforcing Notch signalling. Nature Cell Biology, 2011, 13, 1202-1213.	10.3	272

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109	Novel function for blood platelets and podoplanin in developmental separation of blood and lymphatic circulation. Blood, 2010, 115, 3997-4005.	1.4	267
110	Functional interaction of VEGF  and VEGFâ€Ð with neuropilin receptors. FASEB Journal, 2006, 20, 1462-1472.	0.5	265
111	Macrophage skewing by Phd2 haplodeficiency prevents ischaemia by inducing arteriogenesis. Nature, 2011, 479, 122-126.	27.8	265
112	Vascular Abnormalities and Deregulation of VEGF in Lkb1-Deficient Mice. Science, 2001, 293, 1323-1326.	12.6	264
113	Lymphatic System in Cardiovascular Medicine. Circulation Research, 2016, 118, 515-530.	4.5	258
114	Lymphangiogenic factors, mechanisms, and applications. Journal of Clinical Investigation, 2014, 124, 878-887.	8.2	257
115	Repression of cyclin D1: a novel function of MYC Molecular and Cellular Biology, 1994, 14, 4032-4043.	2.3	256
116	Biological action of angiopoietin-2 in a fibrin matrix model of angiogenesis is associated with activation of Tie2. Cardiovascular Research, 2001, 49, 659-670.	3.8	255
117	Vascular endothelial growth factor (VEGF)-like protein from orf virus NZ2 binds to VEGFR2 and neuropilin-1. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 3071-3076.	7.1	254
118	Peripheral Blood Platelets Express VEGF-C and VEGF which Are Released during Platelet Activation. Thrombosis and Haemostasis, 1998, 80, 171-175.	3.4	253
119	Identification of nuclear proteins encoded by viral and cellular myc oncogenes. Nature, 1983, 306, 274-277.	27.8	252
120	A novel multistep mechanism for initial lymphangiogenesis in mouse embryos based on ultramicroscopy. EMBO Journal, 2013, 32, 629-644.	7.8	252
121	Vascular endothelial growth factor-C expression in human prostatic carcinoma and its relationship to lymph node metastasis. British Journal of Cancer, 1999, 80, 309-313.	6.4	250
122	Signaling via Vascular Endothelial Growth Factor Receptors. Experimental Cell Research, 1999, 253, 117-130.	2.6	246
123	Lack of lymphatic vascular specificity of vascular endothelial growth factor receptor 3 in 185 vascular tumors. , 1999, 86, 2406-2412.		244
124	Vascular endothelial growth factor signaling in development and disease. Development (Cambridge), 2018, 145, .	2.5	244
125	The related FLT4, FLT1, and KDR receptor tyrosine kinases show distinct expression patterns in human fetal endothelial cells Journal of Experimental Medicine, 1993, 178, 2077-2088.	8.5	241
126	Vascular endothelial growth factor (VEGF)–C signaling through FLT-4 (VEGFR-3) mediates leukemic cell proliferation, survival, and resistance to chemotherapy. Blood, 2002, 99, 2179-2184.	1.4	241

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127	Differential Binding of Vascular Endothelial Growth Factor B Splice and Proteolytic Isoforms to Neuropilin-1. Journal of Biological Chemistry, 1999, 274, 21217-21222.	3.4	239
128	Mechanisms of angiogenesis and their use in the inhibition of tumor growth and metastasis. Oncogene, 2000, 19, 6122-6129.	5.9	237
129	Enhanced jun gene expression is an early genomic response to transforming growth factor beta stimulation Molecular and Cellular Biology, 1989, 9, 1255-1262.	2.3	235
130	Inhibition of Lymphogenous Metastasis Using Adeno-Associated Virus-Mediated Gene Transfer of a Soluble VEGFR-3 Decoy Receptor. Cancer Research, 2005, 65, 6901-6909.	0.9	234
131	Lymphatic endothelium and Kaposi's sarcoma spindle cells detected by antibodies against the vascular endothelial growth factor receptor-3. Cancer Research, 1998, 58, 1599-604.	0.9	232
132	Expression of Vascular Endothelial Growth Factor and Placenta Growth Factor in Human Placenta1. Biology of Reproduction, 1997, 56, 489-494.	2.7	230
133	Therapeutic lymphangiogenesis with human recombinant VEGF . FASEB Journal, 2002, 16, 1985-1987.	0.5	229
134	Two alternative mRNAs coding for the angiogenic factor, placenta growth factor (PIGF), are transcribed from a single gene of chromosome 14. Oncogene, 1993, 8, 925-31.	5.9	227
135	Neural guidance molecules regulate vascular remodeling and vessel navigation. Genes and Development, 2005, 19, 1013-1021.	5.9	226
136	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
137	Nonvenous Origin of Dermal Lymphatic Vasculature. Circulation Research, 2015, 116, 1649-1654.	4.5	220
138	Angiopoietin-1 promotes lymphatic sprouting and hyperplasia. Blood, 2005, 105, 4642-4648.	1.4	218
139	Vascular Endothelial Growth Factor Receptor 3 Is Involved in Tumor Angiogenesis and Growth. Cancer Research, 2007, 67, 593-599.	0.9	216
140	Interaction of endostatin with integrins implicated in angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 1024-1029.	7.1	216
141	Angiopoietin-1 promotes LYVE-1-positive lymphatic vessel formation. Blood, 2005, 105, 4649-4656.	1.4	214
142	An important role of lymphatic vessel activation in limiting acute inflammation. Blood, 2011, 117, 4667-4678.	1.4	212
143	Endothelial destabilization by angiopoietin-2 via integrin $\hat{I}^21$ activation. Nature Communications, 2015, 6, 5962.	12.8	210
144	Stimulation of lymphangiogenesis via VEGFR-3 inhibits chronic skin inflammation. Journal of Experimental Medicine, 2010, 207, 2255-2269.	8.5	208

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145	Abnormal lymphatic vessel development in neuropilin 2 mutant mice. Development (Cambridge), 2002, 129, 4797-806.	2.5	208
146	cKit Lineage Hemogenic Endothelium-Derived Cells Contribute to Mesenteric Lymphatic Vessels. Cell Reports, 2015, 10, 1708-1721.	6.4	207
147	Vascular endothelial growth factors are differentially regulated by steroid hormones and antiestrogens in breast cancer cells. Molecular and Cellular Endocrinology, 1999, 149, 29-40.	3.2	206
148	Involvement of vascular endothelial growth factor receptor-3 in maintenance of integrity of endothelial cell lining during tumor angiogenesis. Blood, 2000, 96, 546-553.	1.4	206
149	FLT4 receptor tyrosine kinase contains seven immunoglobulin-like loops and is expressed in multiple human tissues and cell lines. Cancer Research, 1992, 52, 5738-43.	0.9	206
150	Vegfc/Flt4 signalling is suppressed by Dll4 in developing zebrafish intersegmental arteries. Development (Cambridge), 2009, 136, 4001-4009.	2.5	205
151	A Recombinant Mutant Vascular Endothelial Growth Factor-C that Has Lost Vascular Endothelial Growth Factor Receptor-2 Binding, Activation, and Vascular Permeability Activities. Journal of Biological Chemistry, 1998, 273, 6599-6602.	3.4	204
152	A Senescence-Inflammatory Switch from Cancer-Inhibitory to Cancer-Promoting Mechanism. Cancer Cell, 2013, 24, 242-256.	16.8	201
153	VEGF  induced lymphangiogenesis is associated with lymph node metastasis in orthotopic MCFâ€7 tumors. International Journal of Cancer, 2002, 98, 946-951.	5.1	200
154	THE LYMPHATIC VASCULATURE: Recent Progress and Paradigms. Annual Review of Cell and Developmental Biology, 2005, 21, 457-483.	9.4	200
155	Nucleotide sequence to the v-myc oncogene of avian retrovirus MC29 Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 100-104.	7.1	197
156	Adenoviral Expression of Vascular Endothelial Growth Factor-C Induces Lymphangiogenesis in the Skin. Circulation Research, 2001, 88, 623-629.	4.5	197
157	Large-scale identification of genes implicated in kidney glomerulus development and function. EMBO Journal, 2006, 25, 1160-1174.	7.8	196
158	<i>CCBE1</i> Enhances Lymphangiogenesis via A Disintegrin and Metalloprotease With Thrombospondin Motifs-3–Mediated Vascular Endothelial Growth Factor-C Activation. Circulation, 2014, 129, 1962-1971.	1.6	195
159	Multiple angiopoietin recombinant proteins activate the Tie1 receptor tyrosine kinase and promote its interaction with Tie2. Journal of Cell Biology, 2005, 169, 239-243.	5.2	193
160	Vascular Endothelial Growth Factor-C Accelerates Diabetic Wound Healing. American Journal of Pathology, 2006, 169, 1080-1087.	3.8	192
161	Tie1 controls angiopoietin function in vascular remodeling and inflammation. Journal of Clinical Investigation, 2016, 126, 3495-3510.	8.2	189
162	Expression of the Vascular Endothelial Growth Factor C Receptor VEGFR-3 in Lymphatic Endothelium of the Skin and in Vascular Tumors. American Journal of Pathology, 1998, 153, 395-403.	3.8	187

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163	Identification of Tek/Tie2 Binding Partners. Journal of Biological Chemistry, 1999, 274, 30896-30905.	3.4	187
164	Effects of Angiopoietin-2-Blocking Antibody on Endothelial Cell–Cell Junctions and Lung Metastasis. Journal of the National Cancer Institute, 2012, 104, 461-475.	6.3	186
165	Plasmin Activates the Lymphangiogenic Growth Factors VEGF-C and VEGF-D. Journal of Experimental Medicine, 2003, 198, 863-868.	8.5	184
166	The transcription factor Prox1 is a marker for lymphatic endothelial cells in normal and diseased human tissues. FASEB Journal, 2002, 16, 1271-1273.	0.5	183
167	Lymphatic endothelium: a new frontier of metastasis research. Nature Cell Biology, 2002, 4, E2-E5.	10.3	182
168	VEGFB/VEGFR1-Induced Expansion of Adipose Vasculature Counteracts Obesity and Related Metabolic Complications. Cell Metabolism, 2016, 23, 712-724.	16.2	180
169	CKIα ablation highlights a critical role for p53 in invasiveness control. Nature, 2011, 470, 409-413.	27.8	179
170	The Schlemm's canal is a VEGF-C/VEGFR-3–responsive lymphatic-like vessel. Journal of Clinical Investigation, 2014, 124, 3975-3986.	8.2	179
171	<scp>VEGF</scp> is required for intestinal lymphatic vessel maintenance and lipid absorption. EMBO Molecular Medicine, 2015, 7, 1418-1425.	6.9	179
172	Deletion of Vascular Endothelial Growth Factor C (VEGF-C) and VEGF-D Is Not Equivalent to VEGF Receptor 3 Deletion in Mouse Embryos. Molecular and Cellular Biology, 2008, 28, 4843-4850.	2.3	174
173	Genomic Organization of the Mouse and Human Genes for Vascular Endothelial Growth Factor B (VEGF-B) and Characterization of a Second Splice Isoform. Journal of Biological Chemistry, 1996, 271, 19310-19317.	3.4	173
174	The sinus venosus contributes to coronary vasculature through VEGFC-stimulated angiogenesis. Development (Cambridge), 2014, 141, 4500-4512.	2.5	173
175	Vascular Endothelial Growth Factor-B Induces Myocardium-Specific Angiogenesis and Arteriogenesis via Vascular Endothelial Growth Factor Receptor-1– and Neuropilin Receptor-1–Dependent Mechanisms. Circulation, 2009, 119, 845-856.	1.6	172
176	Use of cancerâ€specific genomic rearrangements to quantify disease burden in plasma from patients with solid tumors. Genes Chromosomes and Cancer, 2010, 49, 1062-1069.	2.8	172
177	Opposing actions of angiopoietin-2 on Tie2 signaling and FOXO1 activation. Journal of Clinical Investigation, 2016, 126, 3511-3525.	8.2	172
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179	Signaling angiogenesis and lymphangiogenesis. Current Opinion in Cell Biology, 1998, 10, 159-164.	5.4	170
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