Hellmut G Augustin

List of Publications by Year
in descending order

211 papers	21,259 citations	7096 78 h-index	10445 139 g-index
223 all docs	223 docs citations	223 times ranked	25640 citing authors

#	Article	IF	Citations
1	Antiangiogenesis: Vessel Regression, Vessel Normalization, or Both?. Cancer Research, 2022, 82, 15-17.	0.9	19
2	Tie2 Receptor in Tumor-Infiltrating Macrophages Is Dispensable for Tumor Angiogenesis and Tumor Relapse after Chemotherapy. Cancer Research, 2022, 82, 1353-1364.	0.9	13
3	Viewpoints: Dual-blocking antibody against VEGF-A and angiopoietin-2 for treating vascular diseases of the eye. Trends in Molecular Medicine, 2022, 28, 347-349.	6.7	3
4	Caspaseâ€8 in endothelial cells maintains gut homeostasis and prevents small bowel inflammation in mice. EMBO Molecular Medicine, 2022, , e14121.	6.9	9
5	Lymphangiogenesis requires Ang2/Tie/PI3K signaling for VEGFR3 cell-surface expression. Journal of Clinical Investigation, 2022, 132, .	8.2	29
6	A Novel SEMA3G Mutation in Two Siblings Affected by Syndromic GnRH Deficiency. Neuroendocrinology, 2021, 111, 421-441.	2.5	18
7	Oligodendrocyte precursor cell specification is regulated by bidirectional neural progenitorâ€“endothelial cell crosstalk. Nature Neuroscience, 2021, 24, 478-488.	14.8	23
8	Blocking Migration of Polymorphonuclear Myeloid-Derived Suppressor Cells Inhibits Mouse Melanoma Progression. Cancers, 2021, 13, 726.	3.7	20
9	Angiodiversity and organotypic functions of sinusoidal endothelial cells. Angiogenesis, 2021, 24, 289-310.	7.2	48
10	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. Nature, 2021, 592, 450-456.	27.8	649
11	Visceral obesity and insulin resistance associate with CD36 deletion in lymphatic endothelial cells. Nature Communications, 2021, 12, 3350.	12.8	66
12	A spatial vascular transcriptomic, proteomic, and phosphoproteomic atlas unveils an angiocrine Tieâ€“Wnt signaling axis in the liver. Developmental Cell, 2021, 56, 1677-1693.e10.	7.0	58
13	Vascular rejuvenation is geroprotective. Science, 2021, 373, 490-491.	12.6	8
14	The angiopoietin-Tie2 pathway regulates Purkinje cell dendritic morphogenesis in a cell-autonomous manner. Cell Reports, 2021, 36, 109522.	6.4	6
15	Temporal multi-omics identifies LRG1 as a vascular niche instructor of metastasis. Science Translational Medicine, 2021, 13, eabe6805.	12.4	36
16	Emerging paradigms in metastasis research. Journal of Experimental Medicine, 2021, 218, .	8.5	16
17	Timed Ang2-Targeted Therapy Identifies the Angiopoietinâ€“Tie Pathway as Key Regulator of Fatal Lymphogenous Metastasis. Cancer Discovery, 2021, 11, 424-445.	9.4	18
18	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency. Med, 2021, 2, 1231-1252.e10.	4.4	19

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19	STAT3-YAP/TAZ signaling in endothelial cells promotes tumor angiogenesis. Science Signaling, 2021, 14, eabj8393.	3.6	50
20	Alternatively Spliced Form of Angiopoietin-2 as a New Vascular Rheostat. Cancer Research, 2021, 81, 35-37.	0.9	3
21	Understanding angiodiversity: insights from single cell biology. Development (Cambridge), 2020, 147, .	2.5	32
22	BMP-9 Modulates the Hepatic Responses to LPS. Cells, 2020, 9, 617.	4.1	15
23	Beyond Angiogenesis: Exploiting Angiocrine Factors to Restrict Tumor Progression and Metastasis. Cancer Research, 2020, 80, 659-662.	0.9	26
24	Tumor Cellâ€“Derived Angiopoietin-2 Promotes Metastasis in Melanoma. Cancer Research, 2020, 80, 2586-2598.	0.9	27
25	Preclinical validation of a novel metastasisâ€inhibiting Tie1 functionâ€blocking antibody. EMBO Molecular Medicine, 2020, 12, e11164.	6.9	13
26	Loss of ASAP1 in mice impairs adipogenic and osteogenic differentiation of mesenchymal progenitor cells through dysregulation of FAK/Src and AKT signaling. PLoS Genetics, 2019, 15, e1008216.	3.5	27
27	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. Cancer Cell, 2019, 36, 250-267.e9.	16.8	25
28	VEGFR1+ Metastasisâ€“Associated Macrophages Contribute to Metastatic Angiogenesis and Influence Colorectal Cancer Patient Outcome. Clinical Cancer Research, 2019, 25, 5674-5685.	7.0	34
29	Dietary calories and lipids synergistically shape adipose tissue cellularity during postnatal growth. Molecular Metabolism, 2019, 24, 139-148.	6.5	16
30	Platelet GPIbÎ± is a mediator and potential interventional target for NASH and subsequent liver cancer. Nature Medicine, 2019, 25, 641-655.	30.7	259
31	Tie2 activation promotes choriocapillary regeneration for alleviating neovascular age-related macular degeneration. Science Advances, 2019, 5, eaau6732.	10.3	39
32	Cytokine-Like 1 Is a Novel Proangiogenic Factor Secreted by and Mediating Functions of Endothelial Progenitor Cells. Circulation Research, 2019, 124, 243-255.	4.5	25
33	Caspase-8 modulates physiological and pathological angiogenesis during retina development. Journal of Clinical Investigation, 2019, 129, 5092-5107.	8.2	16
34	Dietary protein dilution limits dyslipidemia in obesity through FGF21-driven fatty acid clearance. Journal of Nutritional Biochemistry, 2018, 57, 189-196.	4.2	31
35	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. Circulation, 2018, 137, 2592-2608.	1.6	103
36	Microvascular Mural Cell Organotypic Heterogeneity and Functional Plasticity. Trends in Cell Biology, 2018, 28, 302-316.	7.9	100

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37	Angiocrine Wnt signaling controls liver growth and metabolic maturation in mice. Hepatology, 2018, 68, 707-722.	7.3	73
38	Endothelial cell fitness dictates the source of regenerating liver vasculature. Journal of Experimental Medicine, 2018, 215, 2497-2508.	8.5	27
39	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
40	Myocardial Angiopoietin-1 Controls Atrial Chamber Morphogenesis by Spatiotemporal Degradation of Cardiac Jelly. Cell Reports, 2018, 23, 2455-2466.	6.4	26
41	The transcriptomic and epigenetic map of vascular quiescence in the continuous lung endothelium. ELife, 2018, 7, .	6.0	43
42	T-lymphocyte profiles differ between keratoacanthomas and invasive squamous cell carcinomas of the human skin. Cancer Immunology, Immunotherapy, 2018, 67, 1147-1157.	4.2	15
43	Endothelial Tie1â€“mediated angiogenesis and vascular abnormalization promote tumor progression and metastasis. Journal of Clinical Investigation, 2018, 128, 834-845.	8.2	72
44	Endosialin Promotes Atherosclerosis Through Phenotypic Remodeling of Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 495-505.	2.4	43
45	Plastic roles of pericytes in the bloodâ€“retinal barrier. Nature Communications, 2017, 8, 15296.	12.8	210
46	Models in Translational Oncology: A Public Resource Database for Preclinical Cancer Research. Cancer Research, 2017, 77, 2557-2563.	0.9	23
47	BMP-9 interferes with liver regeneration and promotes liver fibrosis. Gut, 2017, 66, 939-954.	12.1	107
48	Hepatic stellate cells limit hepatocellular carcinoma progression through the orphan receptor endosialin. EMBO Molecular Medicine, 2017, 9, 741-749.	6.9	34
49	Endothelial transcription factor KLF2 negatively regulates liver regeneration via induction of activin A. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3993-3998.	7.1	31
50	VEGF165-induced vascular permeability requires NRP1 for ABL-mediated SRC family kinase activation. Journal of Experimental Medicine, 2017, 214, 1049-1064.	8.5	53
51	Preclinical mouse solid tumour models: status quo, challenges and perspectives. Nature Reviews Cancer, 2017, 17, 751-765.	28.4	222
52	Acetyl-CoA Carboxylase 1-Dependent Protein Acetylation Controls Breast Cancer Metastasis and Recurrence. Cell Metabolism, 2017, 26, 842-855.e5.	16.2	180
53	Pericyte-expressed Tie2 controls angiogenesis and vessel maturation. Nature Communications, 2017, 8, 16106.	12.8	223
54	Organotypic vasculature: From descriptive heterogeneity to functional pathophysiology. Science, 2017, 357, .	12.6	497

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55	A Synopsis of the â€œInfluence of Epigenetics, Genetics, and Immunologyâ€•Session Part A at the 35th Annual Society of Toxicologic Pathology Symposium. Toxicologic Pathology, 2017, 45, 114-118.	1.8	0
56	GATA4-dependent organ-specific endothelial differentiation controls liver development and embryonic hematopoiesis. Journal of Clinical Investigation, 2017, 127, 1099-1114.	8.2	102
57	Impaired angiopoietin/Tie2 signaling compromises Schlemmâ€™s canal integrity and induces glaucoma. Journal of Clinical Investigation, 2017, 127, 3877-3896.	8.2	98
58	Angiopoietinâ€2 mediates thrombinâ€induced monocyte adhesion and endothelial permeability. Journal of Thrombosis and Haemostasis, 2016, 14, 1655-1667.	3.8	23
59	Normalization of Tumor Vessels by Tie2 Activation and Ang2 Inhibition Enhances Drug Delivery and Produces a Favorable Tumor Microenvironment. Cancer Cell, 2016, 30, 953-967.	16.8	259
60	Early Epigenetic Downregulation of microRNA-192 Expression Promotes Pancreatic Cancer Progression. Cancer Research, 2016, 76, 4149-4159.	0.9	77
61	Delta-Like Ligand 4 Modulates Liver Damage by Down-Regulating Chemokine Expression. American Journal of Pathology, 2016, 186, 1874-1889.	3.8	28
62	Endosialin-Expressing Pericytes Promote Metastatic Dissemination. Cancer Research, 2016, 76, 5313-5325.	0.9	51
63	Amelioration of sepsis by TIE2 activationâ€“induced vascular protection. Science Translational Medicine, 2016, 8, 335ra55.	12.4	151
64	Neuropilin-1 mediates vascular permeability independently of vascular endothelial growth factor receptor-2 activation. Science Signaling, 2016, 9, ra42.	3.6	51
65	Commentary on Folkman: â€œHow Is Blood Vessel Growth Regulated in Normal and Neoplastic Tissue?â€• Cancer Research, 2016, 76, 2854-2856.	0.9	6
66	Endothelial RSPO3 Controls Vascular Stability and Pruning through Non-canonical WNT/Ca 2+ /NFAT Signaling. Developmental Cell, 2016, 36, 79-93.	7.0	133
67	Hepatic stellate cellâ€expressed endosialin balances fibrogenesis and hepatocyte proliferation during liver damage. EMBO Molecular Medicine, 2015, 7, 332-338.	6.9	58
68	Semaphorinâ€3C signals through Neuropilinâ€1 and PlexinD1 receptors to inhibit pathological angiogenesis. EMBO Molecular Medicine, 2015, 7, 1267-1284.	6.9	107
69	Aggressive primary cutaneous Bâ€cell lymphomas show increased Angiopoietinâ€2â€induced angiogenesis. Experimental Dermatology, 2015, 24, 424-429.	2.9	8
70	Soluble Notch ligand and receptor peptides act antagonistically during angiogenesis. Cardiovascular Research, 2015, 107, 153-163.	3.8	21
71	A Functional Role for VEGFR1 Expressed in Peripheral Sensory Neurons in Cancer Pain. Cancer Cell, 2015, 27, 780-796.	16.8	97
72	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization. Circulation Research, 2015, 116, e99-132.	4.5	113

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73	Mechanisms of Vessel Pruning and Regression. Developmental Cell, 2015, 34, 5-17.	7.0	229
74	Endothelial cell spheroids as a versatile tool to study angiogenesisin vitro. FASEB Journal, 2015, 29, 3076-3084.	0.5	154
75	The Orphan Receptor Tie1 Controls Angiogenesis and Vascular Remodeling by Differentially Regulating Tie2 in Tip and Stalk Cells. Cell Reports, 2015, 12, 1761-1773.	6.4	131
76	MicroRNA-30 mediates anti-inflammatory effects of shear stress and KLF2 via repression of angiopoietin 2. Journal of Molecular and Cellular Cardiology, 2015, 88, 111-119.	1.9	50
77	An Inducible Hepatocellular Carcinoma Model for Preclinical Evaluation of Antiangiogenic Therapy in Adult Mice. Cancer Research, 2014, 74, 4157-4169.	0.9	23
78	Endothelial cell-derived non-canonical Wnt ligands control vascular pruning in angiogenesis. Development (Cambridge), 2014, 141, 1757-1766.	2.5	111
79	Postsurgical Adjuvant Tumor Therapy by Combining Anti-Angiopoietin-2 and Metronomic Chemotherapy Limits Metastatic Growth. Cancer Cell, 2014, 26, 880-895.	16.8	114
80	Angiopoietin 2 regulates the transformation and integrity of lymphatic endothelial cell junctions. Genes and Development, 2014, 28, 1592-1603.	5.9	115
81	Endothelial Cell-Derived Angiopoietin-2 Controls Liver Regeneration as a Spatiotemporal Rheostat. Science, 2014, 343, 416-419.	12.6	250
82	Mouse Models of Human Cancer. Cancer Research, 2014, 74, 4671-4675.	0.9	29
83	Endothelial cell-derived non-canonical Wnt ligands control vascular pruning in angiogenesis. Journal of Cell Science, 2014, 127, e1-e1.	2.0	0
84	Gâ€CSF rescues tumor growth and neoâ€angiogenesis during liver metastasis under host angiopoietinâ€2 deficiency. International Journal of Cancer, 2013, 132, 315-326.	5.1	24
85	Recruitment of human cord blood-derived endothelial colony-forming cells to sites of tumor angiogenesis. Cytotherapy, 2013, 15, 726-739.	0.7	31
86	Histone Deacetylase 9 Promotes Angiogenesis by Targeting the Antiangiogenic MicroRNA-17â€“92 Cluster in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 533-543.	2.4	98
87	The role of the angiopoietin/Tie system in regulating hematopoietic stem cell maintenance and recruitment. Experimental Hematology, 2013, 41, S64.	0.4	0
88	Endothelial transdifferentiation in hepatocellular carcinoma: loss of Stabilinâ€2 expression in periâ€tumourous liver correlates with increased survival. Liver International, 2013, 33, 1428-1440.	3.9	49
89	Synaptojanin-2 Binding Protein Stabilizes the Notch Ligands DLL1 and DLL4 and Inhibits Sprouting Angiogenesis. Circulation Research, 2013, 113, 1206-1218.	4.5	45
90	Angiopoietin 2 mediates microvascular and hemodynamic alterations in sepsis. Journal of Clinical Investigation, 2013, 123, 3436-3445.	8.2	160

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91	Ang-2-VEGF-A CrossMab, a Novel Bispecific Human IgG1 Antibody Blocking VEGF-A and Ang-2 Functions Simultaneously, Mediates Potent Antitumor, Antiangiogenic, and Antimetastatic Efficacy. Clinical Cancer Research, 2013, 19, 6730-6740.	7.0	179
92	Rhodocetin-Î±Î²â€“induced Neuropilin-1â€“cMet Association Triggers Restructuring of Matrix Contacts in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 544-554.	2.4	9
93	Extracellular RNA Liberates Tumor Necrosis Factor-Î± to Promote Tumor Cell Trafficking and Progression. Cancer Research, 2013, 73, 5080-5089.	0.9	47
94	Angiopoietin-2: An Attractive Target for Improved Antiangiogenic Tumor Therapy. Cancer Research, 2013, 73, 1649-1657.	0.9	177
95	Angiopoietin-2 Is Critical for Cytokine-Induced Vascular Leakage. PLoS ONE, 2013, 8, e70459.	2.5	131
96	Abstract 4953: Stromal endosialin modulates the proinflammatory tumor microenvironment and is crucial for the growth of orthotopic pancreatic tumors.. , 2013, , .		0
97	MicroRNA-10 Regulates the Angiogenic Behavior of Zebrafish and Human Endothelial Cells by Promoting Vascular Endothelial Growth Factor Signaling. Circulation Research, 2012, 111, 1421-1433.	4.5	84
98	Born to Die. Circulation, 2012, 125, 3063-3065.	1.6	8
99	Angiopoietin-1 mediates inhibition of hypertension-induced release of angiopoietin-2 from endothelial cells. Cardiovascular Research, 2012, 94, 510-518.	3.8	21
100	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGFâ€A and TGFÎ²2 in vascular abnormalization. Journal of Pathology, 2012, 228, 378-390.	4.5	128
101	Unique Cell Type-Specific Junctional Complexes in Vascular Endothelium of Human and Rat Liver Sinusoids. PLoS ONE, 2012, 7, e34206.	2.5	54
102	Regulation of angiogenesis and vascular homeostasis through the Angiopoietin/Tie system. Vascular Pharmacology, 2012, 56, 307-308.	2.1	0
103	Angiopoietin-2 differentially regulates angiogenesis through TIE2 and integrin signaling. Journal of Clinical Investigation, 2012, 122, 1991-2005.	8.2	376
104	No Evidence for a Functional Role of Bi-Directional Notch Signaling during Angiogenesis. PLoS ONE, 2012, 7, e53074.	2.5	23
105	Hypertensionâ€induced endothelial cell angiopoietinâ€2 release is inhibited by angiopoietinâ€1. FASEB Journal, 2012, 26, 1058.3.	0.5	0
106	Tumor Vessel Associated-Pericytes. , 2011, , 91-110.		0
107	Therapeutic interference with EphrinB2 signalling inhibits oxygen-induced angioproliferative retinopathy. Acta Ophthalmologica, 2011, 89, 82-90.	1.1	33
108	The VEGF-regulated transcription factor HLX controls the expression of guidance cues and negatively regulates sprouting of endothelial cells. Blood, 2011, 117, 2735-2744.	1.4	30

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109	Differential Endothelial Transcriptomics Identifies Semaphorin 3G as a Vascular Class 3 Semaphorin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 151-159.	2.4	60
110	The Transcription Factor HOXC9 Regulates Endothelial Cell Quiescence and Vascular Morphogenesis in Zebrafish via Inhibition of Interleukin 8. Circulation Research, 2011, 108, 1367-1377.	4.5	38
111	Double Attack on Tumors by Targeting With Guidance Molecules. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 721-722.	2.4	3
112	Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin. EMBO Journal, 2011, 30, 4142-4156.	7.8	169
113	Abstract 2847: Host angiopoietin-2 inhibits tumor growth and angiogenesis in the liver. , 2011, , .		0
114	Identification of serum angiopoietin-2 as a biomarker for clinical outcome of colorectal cancer patients treated with bevacizumab-containing therapy. British Journal of Cancer, 2010, 103, 1407-1414.	6.4	155
115	Integrin Cytoplasmic Domainâ€“Associated Protein-1 Attenuates Sprouting Angiogenesis. Circulation Research, 2010, 107, 592-601.	4.5	63
116	Cerebral cavernous malformation protein CCM1 inhibits sprouting angiogenesis by activating DELTA-NOTCH signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12640-12645.	7.1	172
117	Angiopoietin-2 Stimulation of Endothelial Cells Induces Î±vÎ²3 Integrin Internalization and Degradation. Journal of Biological Chemistry, 2010, 285, 23842-23849.	3.4	87
118	EphB4 Promotes Site-Specific Metastatic Tumor Cell Dissemination by Interacting with Endothelial Cellâ€“Expressed EphrinB2. Molecular Cancer Research, 2010, 8, 1297-1309.	3.4	40
119	Resistance to antiangiogenic therapy is directed by vascular phenotype, vessel stabilization, and maturation in malignant melanoma. Journal of Experimental Medicine, 2010, 207, 491-503.	8.5	170
120	Junb regulates arterial contraction capacity, cellular contractility, and motility via its target Myl9 in mice. Journal of Clinical Investigation, 2010, 120, 2307-2318.	8.2	41
121	Fulvene-5 potently inhibits NADPH oxidase 4 and blocks the growth of endothelial tumors in mice. Journal of Clinical Investigation, 2009, 119, 2359-65.	8.2	103
122	Angiopoietin-2 Levels Are Associated with Disease Progression in Metastatic Malignant Melanoma. Clinical Cancer Research, 2009, 15, 1384-1392.	7.0	174
123	FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. Journal of Cell Biology, 2009, 185, 439-457.	5.2	295
124	Inhibition of Rho-dependent kinases ROCK I/II activates VEGF-driven retinal neovascularization and sprouting angiogenesis. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H893-H899.	3.2	75
125	Host-Derived Angiopoietin-2 Affects Early Stages of Tumor Development and Vessel Maturation but Is Dispensable for Later Stages of Tumor Growth. Cancer Research, 2009, 69, 1324-1333.	0.9	163
126	The role of the Angiopoietins in vascular morphogenesis. Angiogenesis, 2009, 12, 125-137.	7.2	347

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127	Blood vessels kept quiet. Nature, 2009, 458, 41-42.	27.8	11
128	Tension in the vasculature. Nature Medicine, 2009, 15, 608-610.	30.7	13
129	Spheroid-based human endothelial cell microvessel formation in vivo. Nature Protocols, 2009, 4, 1202-1215.	12.0	125
130	Control of vascular morphogenesis and homeostasis through the angiopoietinâ€“Tie system. Nature Reviews Molecular Cell Biology, 2009, 10, 165-177.	37.0	1,235
131	Combination of Reverse and Chemical Genetic Screens Reveals Angiogenesis Inhibitors and Targets. Chemistry and Biology, 2009, 16, 432-441.	6.0	42
132	Distinct activities ofBartonella henselaetype IV secretion effector proteins modulate capillary-like sprout formation. Cellular Microbiology, 2009, 11, 1088-1101.	2.1	36
133	A CD44v6 peptide reveals a role of CD44 in VEGFR-2 signaling and angiogenesis. Blood, 2009, 114, 5236-5244.	1.4	140
134	FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. Journal of Experimental Medicine, 2009, 206, i10-i10.	8.5	0
135	Flowâ€dependent regulation of angiopoietinâ€2. Journal of Cellular Physiology, 2008, 214, 491-503.	4.1	92
136	Wnt2 acts as a cell type-specific, autocrine growth factor in rat hepatic sinusoidal endothelial cells cross-stimulating the VEGF pathway. Hepatology, 2008, 47, 1018-1031.	7.3	89
137	Deficiency in catechol-O-methyltransferase and 2-methoxyoestradiol is associated with pre-eclampsia. Nature, 2008, 453, 1117-1121.	27.8	348
138	Spheroid-based engineering of a human vasculature in mice. Nature Methods, 2008, 5, 439-445.	19.0	190
139	Endosialin (Tem1) Is a Marker of Tumor-Associated Myofibroblasts and Tumor Vessel-Associated Mural Cells. American Journal of Pathology, 2008, 172, 486-494.	3.8	143
140	Ephrin-B2 expression critically influences Nipah virus infection independent of its cytoplasmic tail. Virology Journal, 2008, 5, 163.	3.4	14
141	Tumor stroma marker endosialin (Tem1) is a binding partner of metastasisâ€related protein Macâ€2 BP/90K. FASEB Journal, 2008, 22, 3059-3067.	0.5	53
142	Neuropilin-1-VEGFR-2 Complexing Requires the PDZ-binding Domain of Neuropilin-1. Journal of Biological Chemistry, 2008, 283, 25110-25114.	3.4	117
143	Involvement of endothelial ephrin-B2 in adhesion and transmigration of EphB-receptor-expressing monocytes. Journal of Cell Science, 2008, 121, 3842-3850.	2.0	62
144	The Wnt signaling regulator R-spondin 3 promotes angioblast and vascular development. Development (Cambridge), 2008, 135, 3655-3664.	2.5	135

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145	BMPER Is an Endothelial Cell Regulator and Controls Bone Morphogenetic Protein-4â€“Dependent Angiogenesis. Circulation Research, 2008, 103, 804-812.	4.5	136
146	Role of ephrinB2 expression in endothelial cells during arteriogenesis: impact on smooth muscle cell migration and monocyte recruitment. Blood, 2008, 112, 73-81.	1.4	69
147	Judah Folkman. Thrombosis and Haemostasis, 2008, 99, 250.	3.4	1
148	Regulation of Angiogenesis and Vascular Homeostasis Through the Angiopoietin / Tie System. , 2008, , 109-120.		0
149	Judah Folkman. Thrombosis and Haemostasis, 2008, 99, 250.	3.4	1
150	Neuropilinâ€1 and neuropilinâ€2 enhance VEGF 121 stimulated signal transduction by the VEGFRâ€2 receptor. FASEB Journal, 2007, 21, 915-926.	0.5	64
151	The BTB-Kelch Protein KLEIP Controls Endothelial Migration and Sprouting Angiogenesis. Circulation Research, 2007, 100, 1155-1163.	4.5	29
152	Semaphorin SEMA3F Affects Multiple Signaling Pathways in Lung Cancer Cells. Cancer Research, 2007, 67, 8708-8715.	0.9	71
153	The Sialomucin CD34 Is a Marker of Lymphatic Endothelial Cells in Human Tumors. American Journal of Pathology, 2006, 168, 1045-1053.	3.8	81
154	Eph receptor and ephrin ligand-mediated interactions during angiogenesis and tumor progression. Experimental Cell Research, 2006, 312, 642-650.	2.6	149
155	Angiopoietins: a link between angiogenesis and inflammation. Trends in Immunology, 2006, 27, 552-558.	6.8	526
156	The extracellular adherence protein (Eap) of Staphylococcus aureus inhibits wound healing by interfering with host defense and repair mechanisms. Blood, 2006, 107, 2720-2727.	1.4	87
157	Wanted: cancer boss. Nature, 2006, 440, 978-979.	27.8	1
158	Angiopoietin-2 sensitizes endothelial cells to TNF-Î± and has a crucial role in the induction of inflammation. Nature Medicine, 2006, 12, 235-239.	30.7	819
159	Emerging roles of the Angiopoietin-Tie and the ephrin-Eph systems as regulators of cell trafficking. Journal of Leukocyte Biology, 2006, 80, 719-726.	3.3	63
160	Dissociation of Angiogenesis and Tumorigenesis in Follistatin- and Activin-Expressing Tumors. Cancer Research, 2006, 66, 5686-5695.	0.9	79
161	Endothelial EphrinB2 Is Controlled by Microenvironmental Determinants and Associates Context-Dependently With CD31. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 468-474.	2.4	53
162	The BTB-kelch Protein LZTR-1 Is a Novel Golgi Protein That Is Degraded upon Induction of Apoptosis. Journal of Biological Chemistry, 2006, 281, 5065-5071.	3.4	52

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163	Angiopoietins meet lymphatics. Blood, 2005, 105, 4541-4542.	1.4	0
164	The Tie-2 ligand Angiopoietin-2 destabilizes quiescent endothelium through an internal autocrine loop mechanism. Journal of Cell Science, 2005, 118, 771-780.	2.0	338
165	Gene targeting of VEGF-A in thymus epithelium disrupts thymus blood vessel architecture. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10587-10592.	7.1	68
166	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
167	Angiogenesis in the female reproductive system. , 2005, , 35-52.		9
168	Prospective Analysis of Placenta Growth Factor (PlGF) Concentrations in the Plasma of Women with Normal Pregnancy and Pregnancies Complicated by Preeclampsia. Hypertension in Pregnancy, 2004, 23, 101-111.	1.1	116
169	Expression of Angiopoietin-2 in Endothelial Cells Is Controlled by Positive and Negative Regulatory Promoter Elements. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1803-1809.	2.4	100
170	Down-Regulation of Endothelial EphrinB2 Expression by Laminar Shear Stress. Endothelium: Journal of Endothelial Cell Research, 2004, 11, 259-265.	1.7	28
171	Inhibition of Tumor Growth and Angiogenesis by Soluble EphB4. Neoplasia, 2004, 6, 248-257.	5.3	104
172	Bi-directional cell contact-dependent regulation of gene expression between endothelial cells and osteoblasts in a three-dimensional spheroidal coculture model. Biochemical and Biophysical Research Communications, 2004, 322, 684-692.	2.1	100
173	Three-dimensional spheroidal culture of cytotrophoblast cells mimics the phenotype and differentiation of cytotrophoblasts from normal and preeclamptic pregnancies. Experimental Cell Research, 2004, 297, 415-423.	2.6	80
174	The Tie-2 ligand Angiopoietin-2 is stored in and rapidly released upon stimulation from endothelial cell Weibel-Palade bodies. Blood, 2004, 103, 4150-4156.	1.4	623
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