

Hellmut G Augustin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

16,481
citations

72
h-index

124
g-index

223
ext. papers

19,006
ext. citations

11.2
avg. IF

6.6
L-index

#	Paper	IF	Citations
202	Antiangiogenesis: Vessel Regression, Vessel Normalization, or Both?. <i>Cancer Research</i> , 2022 , 82, 15-17	10.1	4
201	Tie2 Receptor in Tumor-Infiltrating Macrophages Is Dispensable for Tumor Angiogenesis and Tumor Relapse after Chemotherapy.. <i>Cancer Research</i> , 2022 , 82, 1353-1364	10.1	1
200	Caspase-8 in endothelial cells maintains gut homeostasis and prevents small bowel inflammation in mice.. <i>EMBO Molecular Medicine</i> , 2022 , e14121	12	0
199	Timed Ang2-Targeted Therapy Identifies the Angiopoietin-Tie Pathway as Key Regulator of Fatal Lymphogenous Metastasis. <i>Cancer Discovery</i> , 2021 , 11, 424-445	24.4	12
198	LRG1 destabilizes tumor vessels and restricts immunotherapeutic potency.. <i>Med</i> , 2021 , 2, 1231-1252.e10	31.7	4
197	Emerging paradigms in metastasis research. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
196	Angiodiversity and organotypic functions of sinusoidal endothelial cells. <i>Angiogenesis</i> , 2021 , 24, 289-310	10.6	11
195	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021 , 592, 450-456	50.4	164
194	Visceral obesity and insulin resistance associate with CD36 deletion in lymphatic endothelial cells. <i>Nature Communications</i> , 2021 , 12, 3350	17.4	14
193	A spatial vascular transcriptomic, proteomic, and phosphoproteomic atlas unveils an angiocrine Tie-Wnt signaling axis in the liver. <i>Developmental Cell</i> , 2021 , 56, 1677-1693.e10	10.2	14
192	A Novel SEMA3G Mutation in Two Siblings Affected by Syndromic GnRH Deficiency. <i>Neuroendocrinology</i> , 2021 , 111, 421-441	5.6	9
191	Oligodendrocyte precursor cell specification is regulated by bidirectional neural progenitor-endothelial cell crosstalk. <i>Nature Neuroscience</i> , 2021 , 24, 478-488	25.5	6
190	Blocking Migration of Polymorphonuclear Myeloid-Derived Suppressor Cells Inhibits Mouse Melanoma Progression. <i>Cancers</i> , 2021 , 13,	6.6	8
189	Vascular rejuvenation is geroprotective. <i>Science</i> , 2021 , 373, 490-491	33.3	2
188	The angiopoietin-Tie2 pathway regulates Purkinje cell dendritic morphogenesis in a cell-autonomous manner. <i>Cell Reports</i> , 2021 , 36, 109522	10.6	1
187	Temporal multi-omics identifies LRG1 as a vascular niche instructor of metastasis. <i>Science Translational Medicine</i> , 2021 , 13, eabe6805	17.5	11
186	STAT3-YAP/TAZ signaling in endothelial cells promotes tumor angiogenesis. <i>Science Signaling</i> , 2021 , 14, eabj8393	8.8	4

185	Alternatively Spliced Form of Angiopoietin-2 as a New Vascular Rheostat. <i>Cancer Research</i> , 2021 , 81, 35-37	10.1	2
184	BMP-9 Modulates the Hepatic Responses to LPS. <i>Cells</i> , 2020 , 9,	7.9	6
183	Beyond Angiogenesis: Exploiting Angiocrine Factors to Restrict Tumor Progression and Metastasis. <i>Cancer Research</i> , 2020 , 80, 659-662	10.1	16
182	Preclinical validation of a novel metastasis-inhibiting Tie1 function-blocking antibody. <i>EMBO Molecular Medicine</i> , 2020 , 12, e11164	12	9
181	Understanding angiodiversity: insights from single cell biology. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	16
180	Tumor Cell-Derived Angiopoietin-2 Promotes Metastasis in Melanoma. <i>Cancer Research</i> , 2020 , 80, 2586-2598	12.9	12
179	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. <i>Cancer Cell</i> , 2019 , 36, 250-267.e9	24.3	16
178	VEGFR1 Metastasis-Associated Macrophages Contribute to Metastatic Angiogenesis and Influence Colorectal Cancer Patient Outcome. <i>Clinical Cancer Research</i> , 2019 , 25, 5674-5685	12.9	20
177	Dietary calories and lipids synergistically shape adipose tissue cellularity during postnatal growth. <i>Molecular Metabolism</i> , 2019 , 24, 139-148	8.8	10
176	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019 , 25, 641-655	50.5	123
175	Tie2 activation promotes choriocapillary regeneration for alleviating neovascular age-related macular degeneration. <i>Science Advances</i> , 2019 , 5, eaau6732	14.3	21
174	Loss of ASAP1 in mice impairs adipogenic and osteogenic differentiation of mesenchymal progenitor cells through dysregulation of FAK/Src and AKT signaling. <i>PLoS Genetics</i> , 2019 , 15, e1008216 ⁶	6	13
173	Caspase-8 modulates physiological and pathological angiogenesis during retina development. <i>Journal of Clinical Investigation</i> , 2019 , 129, 5092-5107	15.9	9
172	Cytokine-Like 1 Is a Novel Proangiogenic Factor Secreted by and Mediating Functions of Endothelial Progenitor Cells. <i>Circulation Research</i> , 2019 , 124, 243-255	15.7	18
171	Dietary protein dilution limits dyslipidemia in obesity through FGF21-driven fatty acid clearance. <i>Journal of Nutritional Biochemistry</i> , 2018 , 57, 189-196	6.3	17
170	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. <i>Circulation</i> , 2018 , 137, 2592-2608	16.7	61
169	Microvascular Mural Cell Organotypic Heterogeneity and Functional Plasticity. <i>Trends in Cell Biology</i> , 2018 , 28, 302-316	18.3	52
168	Angiocrine Wnt signaling controls liver growth and metabolic maturation in mice. <i>Hepatology</i> , 2018 , 68, 707-722	11.2	41

167	T-lymphocyte profiles differ between keratoacanthomas and invasive squamous cell carcinomas of the human skin. <i>Cancer Immunology, Immunotherapy</i> , 2018 , 67, 1147-1157	7.4	9
166	Endothelial Tie1-mediated angiogenesis and vascular abnormalization promote tumor progression and metastasis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 834-845	15.9	43
165	Endothelial cell fitness dictates the source of regenerating liver vasculature. <i>Journal of Experimental Medicine</i> , 2018 , 215, 2497-2508	16.6	16
164	Consensus guidelines for the use and interpretation of angiogenesis assays. <i>Angiogenesis</i> , 2018 , 21, 425-438	16.7	285
163	Myocardial Angiotensin-1 Controls Atrial Chamber Morphogenesis by Spatiotemporal Degradation of Cardiac Jelly. <i>Cell Reports</i> , 2018 , 23, 2455-2466	10.6	15
162	The transcriptomic and epigenetic map of vascular quiescence in the continuous lung endothelium. <i>ELife</i> , 2018 , 7,	8.9	25
161	Endosialin Promotes Atherosclerosis Through Phenotypic Remodeling of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 495-505	9.4	33
160	Plastic roles of pericytes in the blood-retinal barrier. <i>Nature Communications</i> , 2017 , 8, 15296	17.4	148
159	Models in Translational Oncology: A Public Resource Database for Preclinical Cancer Research. <i>Cancer Research</i> , 2017 , 77, 2557-2563	10.1	20
158	BMP-9 interferes with liver regeneration and promotes liver fibrosis. <i>Gut</i> , 2017 , 66, 939-954	19.2	69
157	Hepatic stellate cells limit hepatocellular carcinoma progression through the orphan receptor endosialin. <i>EMBO Molecular Medicine</i> , 2017 , 9, 741-749	12	28
156	Endothelial transcription factor KLF2 negatively regulates liver regeneration via induction of activin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3993-3998	11.5	19
155	VEGF165-induced vascular permeability requires NRP1 for ABL-mediated SRC family kinase activation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1049-1064	16.6	36
154	Preclinical mouse solid tumour models: status quo, challenges and perspectives. <i>Nature Reviews Cancer</i> , 2017 , 17, 751-765	31.3	151
153	Acetyl-CoA Carboxylase 1-Dependent Protein Acetylation Controls Breast Cancer Metastasis and Recurrence. <i>Cell Metabolism</i> , 2017 , 26, 842-855.e5	24.6	102
152	Pericyte-expressed Tie2 controls angiogenesis and vessel maturation. <i>Nature Communications</i> , 2017 , 8, 16106	17.4	140
151	Organotypic vasculature: From descriptive heterogeneity to functional pathophysiology. <i>Science</i> , 2017 , 357,	33.3	295
150	A Synopsis of the "Influence of Epigenetics, Genetics, and Immunology" Session Part A at the 35th Annual Society of Toxicologic Pathology Symposium. <i>Toxicologic Pathology</i> , 2017 , 45, 114-118	2.1	

149	GATA4-dependent organ-specific endothelial differentiation controls liver development and embryonic hematopoiesis. <i>Journal of Clinical Investigation</i> , 2017 , 127, 1099-1114	15.9	64
148	Impaired angiopoietin/Tie2 signaling compromises Schlemm's canal integrity and induces glaucoma. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3877-3896	15.9	53
147	Endosialin-Expressing Pericytes Promote Metastatic Dissemination. <i>Cancer Research</i> , 2016 , 76, 5313-25	10.1	33
146	Amelioration of sepsis by TIE2 activation-induced vascular protection. <i>Science Translational Medicine</i> , 2016 , 8, 335ra55	17.5	117
145	Neuropilin-1 mediates vascular permeability independently of vascular endothelial growth factor receptor-2 activation. <i>Science Signaling</i> , 2016 , 9, ra42	8.8	33
144	Commentary on Folkman: "How Is Blood Vessel Growth Regulated in Normal and Neoplastic Tissue?". <i>Cancer Research</i> , 2016 , 76, 2854-6	10.1	5
143	Endothelial RSPO3 Controls Vascular Stability and Pruning through Non-canonical WNT/Ca(2+)/NFAT Signaling. <i>Developmental Cell</i> , 2016 , 36, 79-93	10.2	86
142	Angiopoietin-2 mediates thrombin-induced monocyte adhesion and endothelial permeability. <i>Journal of Thrombosis and Haemostasis</i> , 2016 , 14, 1655-67	15.4	16
141	Normalization of Tumor Vessels by Tie2 Activation and Ang2 Inhibition Enhances Drug Delivery and Produces a Favorable Tumor Microenvironment. <i>Cancer Cell</i> , 2016 , 30, 953-967	24.3	171
140	Early Epigenetic Downregulation of microRNA-192 Expression Promotes Pancreatic Cancer Progression. <i>Cancer Research</i> , 2016 , 76, 4149-59	10.1	67
139	Delta-Like Ligand 4 Modulates Liver Damage by Down-Regulating Chemokine Expression. <i>American Journal of Pathology</i> , 2016 , 186, 1874-1889	5.8	23
138	A Functional Role for VEGFR1 Expressed in Peripheral Sensory Neurons in Cancer Pain. <i>Cancer Cell</i> , 2015 , 27, 780-96	24.3	65
137	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization: A Scientific Statement From the American Heart Association. <i>Circulation Research</i> , 2015 , 116, e99-132	15.7	90
136	Mechanisms of Vessel Pruning and Regression. <i>Developmental Cell</i> , 2015 , 34, 5-17	10.2	171
135	Endothelial cell spheroids as a versatile tool to study angiogenesis in vitro. <i>FASEB Journal</i> , 2015 , 29, 3076-84	6.84	118
134	The Orphan Receptor Tie1 Controls Angiogenesis and Vascular Remodeling by Differentially Regulating Tie2 in Tip and Stalk Cells. <i>Cell Reports</i> , 2015 , 12, 1761-73	10.6	95
133	MicroRNA-30 mediates anti-inflammatory effects of shear stress and KLF2 via repression of angiopoietin 2. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 88, 111-9	5.8	39
132	Hepatic stellate cell-expressed endosialin balances fibrogenesis and hepatocyte proliferation during liver damage. <i>EMBO Molecular Medicine</i> , 2015 , 7, 332-8	12	52

131	Semaphorin-3C signals through Neuropilin-1 and PlexinD1 receptors to inhibit pathological angiogenesis. <i>EMBO Molecular Medicine</i> , 2015 , 7, 1267-84	12	71
130	Aggressive primary cutaneous B-cell lymphomas show increased Angiopoietin-2-induced angiogenesis. <i>Experimental Dermatology</i> , 2015 , 24, 424-9	4	8
129	Soluble Notch ligand and receptor peptides act antagonistically during angiogenesis. <i>Cardiovascular Research</i> , 2015 , 107, 153-63	9.9	18
128	Endothelial cell-derived angiopoietin-2 controls liver regeneration as a spatiotemporal rheostat. <i>Science</i> , 2014 , 343, 416-9	33.3	207
127	Mouse models of human cancer. <i>Cancer Research</i> , 2014 , 74, 4671-5	10.1	20
126	An inducible hepatocellular carcinoma model for preclinical evaluation of antiangiogenic therapy in adult mice. <i>Cancer Research</i> , 2014 , 74, 4157-69	10.1	21
125	Endothelial cell-derived non-canonical Wnt ligands control vascular pruning in angiogenesis. <i>Development (Cambridge)</i> , 2014 , 141, 1757-66	6.6	88
124	Postsurgical adjuvant tumor therapy by combining anti-angiopoietin-2 and metronomic chemotherapy limits metastatic growth. <i>Cancer Cell</i> , 2014 , 26, 880-895	24.3	94
123	Angiopoietin 2 regulates the transformation and integrity of lymphatic endothelial cell junctions. <i>Genes and Development</i> , 2014 , 28, 1592-603	12.6	74
122	Endothelial cell-derived non-canonical Wnt ligands control vascular pruning in angiogenesis. <i>Journal of Cell Science</i> , 2014 , 127, e1-e1	5.3	
121	G-CSF rescues tumor growth and neo-angiogenesis during liver metastasis under host angiopoietin-2 deficiency. <i>International Journal of Cancer</i> , 2013 , 132, 315-26	7.5	18
120	Recruitment of human cord blood-derived endothelial colony-forming cells to sites of tumor angiogenesis. <i>Cytotherapy</i> , 2013 , 15, 726-39	4.8	21
119	Histone deacetylase 9 promotes angiogenesis by targeting the antiangiogenic microRNA-17-92 cluster in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 533-43	9.4	77
118	Endothelial transdifferentiation in hepatocellular carcinoma: loss of Stabilin-2 expression in peri-tumourous liver correlates with increased survival. <i>Liver International</i> , 2013 , 33, 1428-40	7.9	36
117	Synaptojanin-2 binding protein stabilizes the Notch ligands DLL1 and DLL4 and inhibits sprouting angiogenesis. <i>Circulation Research</i> , 2013 , 113, 1206-18	15.7	37
116	Angiopoietin 2 mediates microvascular and hemodynamic alterations in sepsis. <i>Journal of Clinical Investigation</i> , 2013 ,	15.9	130
115	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. <i>Clinical Cancer Research</i> , 2013 , 19, 6730-40	12.9	150
114	Rhodocetin-Induced neuropilin-1-cMet association triggers restructuring of matrix contacts in endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 544-54	9.4	8

113	Extracellular RNA liberates tumor necrosis factor- α to promote tumor cell trafficking and progression. <i>Cancer Research</i> , 2013 , 73, 5080-9	10.1	39
112	Angiopoietin-2: an attractive target for improved antiangiogenic tumor therapy. <i>Cancer Research</i> , 2013 , 73, 1649-57	10.1	155
111	Angiopoietin-2 is critical for cytokine-induced vascular leakage. <i>PLoS ONE</i> , 2013 , 8, e70459	3.7	99
110	Angiopoietin-1 mediates inhibition of hypertension-induced release of angiopoietin-2 from endothelial cells. <i>Cardiovascular Research</i> , 2012 , 94, 510-8	9.9	19
109	Transcriptional profiling of human glioblastoma vessels indicates a key role of VEGF-A and TGF β in vascular abnormalization. <i>Journal of Pathology</i> , 2012 , 228, 378-90	9.4	103
108	Unique cell type-specific junctional complexes in vascular endothelium of human and rat liver sinusoids. <i>PLoS ONE</i> , 2012 , 7, e34206	3.7	46
107	MicroRNA-10 regulates the angiogenic behavior of zebrafish and human endothelial cells by promoting vascular endothelial growth factor signaling. <i>Circulation Research</i> , 2012 , 111, 1421-33	15.7	74
106	Angiopoietin-2 differentially regulates angiogenesis through TIE2 and integrin signaling. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1991-2005	15.9	295
105	No evidence for a functional role of bi-directional Notch signaling during angiogenesis. <i>PLoS ONE</i> , 2012 , 7, e53074	3.7	16
104	Hypertension-induced endothelial cell angiopoietin-2 release is inhibited by angiopoietin-1. <i>FASEB Journal</i> , 2012 , 26, 1058.3	0.9	
103	Tumor Vessel Associated-Pericytes 2011 , 91-110		
102	Therapeutic interference with EphrinB2 signalling inhibits oxygen-induced angioproliferative retinopathy. <i>Acta Ophthalmologica</i> , 2011 , 89, 82-90	3.7	24
101	The VEGF-regulated transcription factor HLX controls the expression of guidance cues and negatively regulates sprouting of endothelial cells. <i>Blood</i> , 2011 , 117, 2735-44	2.2	25
100	Tumorangiogenese und aktuelle therapeutische Möglichkeiten der Inhibition. <i>Onkologe</i> , 2011 , 17, 513-519.1	0.1	2
99	Differential endothelial transcriptomics identifies semaphorin 3G as a vascular class 3 semaphorin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 151-9	9.4	51
98	The transcription factor HOXC9 regulates endothelial cell quiescence and vascular morphogenesis in zebrafish via inhibition of interleukin 8. <i>Circulation Research</i> , 2011 , 108, 1367-77	15.7	34
97	Double attack on tumors by targeting with guidance molecules. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 721-2	9.4	3
96	Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin. <i>EMBO Journal</i> , 2011 , 30, 4142-56	13	133

95	Identification of serum angiopoietin-2 as a biomarker for clinical outcome of colorectal cancer patients treated with bevacizumab-containing therapy. <i>British Journal of Cancer</i> , 2010 , 103, 1407-14	8.7	132
94	Integrin cytoplasmic domain-associated protein-1 attenuates sprouting angiogenesis. <i>Circulation Research</i> , 2010 , 107, 592-601	15.7	53
93	Cerebral cavernous malformation protein CCM1 inhibits sprouting angiogenesis by activating DELTA-NOTCH signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12640-5	11.5	144
92	Angiopoietin-2 stimulation of endothelial cells induces alphavbeta3 integrin internalization and degradation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 23842-9	5.4	81
91	EphB4 promotes site-specific metastatic tumor cell dissemination by interacting with endothelial cell-expressed ephrinB2. <i>Molecular Cancer Research</i> , 2010 , 8, 1297-309	6.6	36
90	Resistance to antiangiogenic therapy is directed by vascular phenotype, vessel stabilization, and maturation in malignant melanoma. <i>Journal of Experimental Medicine</i> , 2010 , 207, 491-503	16.6	151
89	Neue Erkenntnisse in der Tumorangiogenese [Potenzial onkologischer und nicht-onkologischer Therapien. <i>Kliniker</i> , 2010 , 39, 12-17	0	1
88	Junb regulates arterial contraction capacity, cellular contractility, and motility via its target Myl9 in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2307-18	15.9	26
87	Fulvene-5 potently inhibits NADPH oxidase 4 and blocks the growth of endothelial tumors in mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2359-65	15.9	92
86	Angiopoietin-2 levels are associated with disease progression in metastatic malignant melanoma. <i>Clinical Cancer Research</i> , 2009 , 15, 1384-92	12.9	151
85	FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. <i>Journal of Cell Biology</i> , 2009 , 185, 439-57	7.3	254
84	Inhibition of Rho-dependent kinases ROCK I/II activates VEGF-driven retinal neovascularization and sprouting angiogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H893-9	5.2	64
83	Host-derived angiopoietin-2 affects early stages of tumor development and vessel maturation but is dispensable for later stages of tumor growth. <i>Cancer Research</i> , 2009 , 69, 1324-33	10.1	139
82	The role of the Angiopoietins in vascular morphogenesis. <i>Angiogenesis</i> , 2009 , 12, 125-37	10.6	288
81	Spheroid-based human endothelial cell microvessel formation in vivo. <i>Nature Protocols</i> , 2009 , 4, 1202-15	8.8	111
80	Control of vascular morphogenesis and homeostasis through the angiopoietin-Tie system. <i>Nature Reviews Molecular Cell Biology</i> , 2009 , 10, 165-77	48.7	1051
79	Combination of reverse and chemical genetic screens reveals angiogenesis inhibitors and targets. <i>Chemistry and Biology</i> , 2009 , 16, 432-41		38
78	Distinct activities of Bartonella henselae type IV secretion effector proteins modulate capillary-like sprout formation. <i>Cellular Microbiology</i> , 2009 , 11, 1088-101	3.9	32

77	A CD44v6 peptide reveals a role of CD44 in VEGFR-2 signaling and angiogenesis. <i>Blood</i> , 2009 , 114, 5236-44	116
76	FOXC2 controls formation and maturation of lymphatic collecting vessels through cooperation with NFATc1. <i>Journal of Experimental Medicine</i> , 2009 , 206, i10-i10	16.6
75	Deficiency in catechol-O-methyltransferase and 2-methoxyoestradiol is associated with pre-eclampsia. <i>Nature</i> , 2008 , 453, 1117-21	50.4 305
74	Spheroid-based engineering of a human vasculature in mice. <i>Nature Methods</i> , 2008 , 5, 439-45	21.6 172
73	Endosialin (Tem1) is a marker of tumor-associated myofibroblasts and tumor vessel-associated mural cells. <i>American Journal of Pathology</i> , 2008 , 172, 486-94	5.8 123
72	Ephrin-B2 expression critically influences Nipah virus infection independent of its cytoplasmic tail. <i>Virology Journal</i> , 2008 , 5, 163	6.1 13
71	Tumor stroma marker endosialin (Tem1) is a binding partner of metastasis-related protein Mac-2 BP/90K. <i>FASEB Journal</i> , 2008 , 22, 3059-67	0.9 45
70	Neuropilin-1-VEGFR-2 complexing requires the PDZ-binding domain of neuropilin-1. <i>Journal of Biological Chemistry</i> , 2008 , 283, 25110-25114	5.4 105
69	Involvement of endothelial ephrin-B2 in adhesion and transmigration of EphB-receptor-expressing monocytes. <i>Journal of Cell Science</i> , 2008 , 121, 3842-50	5.3 51
68	The Wnt signaling regulator R-spondin 3 promotes angioblast and vascular development. <i>Development (Cambridge)</i> , 2008 , 135, 3655-64	6.6 108
67	BMPER is an endothelial cell regulator and controls bone morphogenetic protein-4-dependent angiogenesis. <i>Circulation Research</i> , 2008 , 103, 804-12	15.7 121
66	Role of ephrinB2 expression in endothelial cells during arteriogenesis: impact on smooth muscle cell migration and monocyte recruitment. <i>Blood</i> , 2008 , 112, 73-81	2.2 64
65	Flow-dependent regulation of angiopoietin-2. <i>Journal of Cellular Physiology</i> , 2008 , 214, 491-503	7 75
64	Wnt2 acts as a cell type-specific, autocrine growth factor in rat hepatic sinusoidal endothelial cells cross-stimulating the VEGF pathway. <i>Hepatology</i> , 2008 , 47, 1018-31	11.2 78
63	Regulation of Angiogenesis and Vascular Homeostasis Through the Angiopoietin / Tie System 2008 , 109-120	
62	Judah Folkman. <i>Thrombosis and Haemostasis</i> , 2008 , 99, 250	7 1
61	Neuropilin-1 and neuropilin-2 enhance VEGF121 stimulated signal transduction by the VEGFR-2 receptor. <i>FASEB Journal</i> , 2007 , 21, 915-26	0.9 61
60	The BTB-Kelch protein KLEIP controls endothelial migration and sprouting angiogenesis. <i>Circulation Research</i> , 2007 , 100, 1155-63	15.7 25

59	Semaphorin SEMA3F affects multiple signaling pathways in lung cancer cells. <i>Cancer Research</i> , 2007 , 67, 8708-15	10.1	63
58	Emerging roles of the Angiopoietin-Tie and the ephrin-Eph systems as regulators of cell trafficking. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 719-26	6.5	59
57	Dissociation of angiogenesis and tumorigenesis in follistatin- and activin-expressing tumors. <i>Cancer Research</i> , 2006 , 66, 5686-95	10.1	72
56	Endothelial ephrinB2 is controlled by microenvironmental determinants and associates context-dependently with CD31. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 468-74	9.4	48
55	The BTB-kelch protein LZTR-1 is a novel Golgi protein that is degraded upon induction of apoptosis. <i>Journal of Biological Chemistry</i> , 2006 , 281, 5065-71	5.4	44
54	The sialomucin CD34 is a marker of lymphatic endothelial cells in human tumors. <i>American Journal of Pathology</i> , 2006 , 168, 1045-53	5.8	69
53	Eph receptor and ephrin ligand-mediated interactions during angiogenesis and tumor progression. <i>Experimental Cell Research</i> , 2006 , 312, 642-50	4.2	128
52	Angiopoietins: a link between angiogenesis and inflammation. <i>Trends in Immunology</i> , 2006 , 27, 552-8	14.4	461
51	The extracellular adherence protein (Eap) of <i>Staphylococcus aureus</i> inhibits wound healing by interfering with host defense and repair mechanisms. <i>Blood</i> , 2006 , 107, 2720-7	2.2	76
50	Angiopoietin-2 sensitizes endothelial cells to TNF-alpha and has a crucial role in the induction of inflammation. <i>Nature Medicine</i> , 2006 , 12, 235-9	50.5	697
49	Multiple angiopoietin recombinant proteins activate the Tie1 receptor tyrosine kinase and promote its interaction with Tie2. <i>Journal of Cell Biology</i> , 2005 , 169, 239-43	7.3	166
48	Angiogenesis in the female reproductive system. <i>Exs</i> , 2005 , 35-52		5
47	Angiopoietins meet lymphatics. <i>Blood</i> , 2005 , 105, 4541-4542	2.2	
46	The Tie-2 ligand angiopoietin-2 destabilizes quiescent endothelium through an internal autocrine loop mechanism. <i>Journal of Cell Science</i> , 2005 , 118, 771-80	5.3	302
45	Gene targeting of VEGF-A in thymus epithelium disrupts thymus blood vessel architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 10587-92	11.5	56
44	Prospective analysis of placenta growth factor (PLGF) concentrations in the plasma of women with normal pregnancy and pregnancies complicated by preeclampsia. <i>Hypertension in Pregnancy</i> , 2004 , 23, 101-11	2	100
43	Expression of angiopoietin-2 in endothelial cells is controlled by positive and negative regulatory promoter elements. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1803-9	9.4	87
42	Down-regulation of endothelial ephrinB2 expression by laminar shear stress. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2004 , 11, 259-65		28

41	Inhibition of Tumor Growth and Angiogenesis by Soluble EphB4. <i>Neoplasia</i> , 2004 , 6, 248-257	6.4	101
40	Bi-directional cell contact-dependent regulation of gene expression between endothelial cells and osteoblasts in a three-dimensional spheroidal coculture model. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 322, 684-92	3.4	89
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