

# Gou Young Koh

## 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.

217  
papers

21,729  
citations

73  
h-index

144  
g-index

230  
ext. papers

24,686  
ext. citations

9.7  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
217	Antiangiogenesis: Vessel Regression, Vessel Normalization, or Both?. <i>Cancer Research</i> , <b>2022</b> , 82, 15-17	10.1	4
216	Pericyte Loss Leads to Capillary Stalling Through Increased Leukocyte-Endothelial Cell Interaction in the Brain.. <i>Frontiers in Cellular Neuroscience</i> , <b>2022</b> , 16, 848764	6.1	0
215	CHD4 Conceals Aberrant CTCF-Binding Sites at TAD Interiors by Regulating Chromatin Accessibility in Mouse Embryonic Stem Cells. <i>Molecules and Cells</i> , <b>2021</b> , 44, 805-829	3.5	0
214	Structural insights into the clustering and activation of Tie2 receptor mediated by Tie2 agonistic antibody. <i>Nature Communications</i> , <b>2021</b> , 12, 6287	17.4	2
213	Control of endothelial quiescence by FOXO-regulated metabolites. <i>Nature Cell Biology</i> , <b>2021</b> , 23, 413-423	33.4	11
212	Refractoriness of STING therapy is relieved by AKT inhibitor through effective vascular disruption in tumour. <i>Nature Communications</i> , <b>2021</b> , 12, 4405	17.4	2
211	Ultra- and micro-structural changes of respiratory tracts in SARS-CoV-2 infected Syrian hamsters. <i>Veterinary Research</i> , <b>2021</b> , 52, 121	3.8	2
210	Cerebral amyloid angiopathy aggravates perivascular clearance impairment in an Alzheimer's disease mouse model. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 181	7.3	8
209	Angiopoietin-2-integrin $\beta_1$ signaling enhances vascular fatty acid transport and prevents ectopic lipid-induced insulin resistance. <i>Nature Communications</i> , <b>2020</b> , 11, 2980	17.4	11
208	Biological functions of lymphatic vessels. <i>Science</i> , <b>2020</b> , 369,	33.3	85
207	Enhanced thrombospondin-1 causes dysfunction of vascular endothelial cells derived from Fabry disease-induced pluripotent stem cells. <i>EBioMedicine</i> , <b>2020</b> , 52, 102633	8.8	12
206	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. <i>Nature Communications</i> , <b>2020</b> , 11, 519	17.4	17
205	YAP1 and TAZ negatively control bone angiogenesis by limiting hypoxia-inducible factor signaling in endothelial cells. <i>ELife</i> , <b>2020</b> , 9,	8.9	24
204	Angiopoietin-2 blockade ameliorates autoimmune neuroinflammation by inhibiting leukocyte recruitment into the CNS. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 1977-1990	15.9	17
203	VEGFR2 signaling drives meningeal vascular regeneration upon head injury. <i>Nature Communications</i> , <b>2020</b> , 11, 3866	17.4	3
202	Distinct fibroblast subsets regulate lacteal integrity through YAP/TAZ-induced VEGF-C in intestinal villi. <i>Nature Communications</i> , <b>2020</b> , 11, 4102	17.4	8
201	Characterization of mutations associated with primary lymphedema. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	15

200	Tie2 activation promotes choriocapillary regeneration for alleviating neovascular age-related macular degeneration. <i>Science Advances</i> , <b>2019</b> , 5, eaau6732	14.3	21
199	Tumor metastasis to lymph nodes requires YAP-dependent metabolic adaptation. <i>Science</i> , <b>2019</b> , 363, 644-649	33.3	142
198	ECell-Derived Angiopoietin-1 Regulates Insulin Secretion and Glucose Homeostasis by Stabilizing the Islet Microenvironment. <i>Diabetes</i> , <b>2019</b> , 68, 774-786	0.9	6
197	Meningeal lymphatic vessels at the skull base drain cerebrospinal fluid. <i>Nature</i> , <b>2019</b> , 572, 62-66	50.4	227
196	Benefits and Pitfalls of Tumor Vessel Normalization <b>2019</b> , 51-71		1
195	A MST1-FOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis. <i>Nature Communications</i> , <b>2019</b> , 10, 838	17.4	34
194	Gut microbiota regulates lacteal integrity by inducing VEGF-C in intestinal villus macrophages. <i>EMBO Reports</i> , <b>2019</b> , 20,	6.5	51
193	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	57
192	YAP and TAZ Negatively Regulate Prox1 During Developmental and Pathologic Lymphangiogenesis. <i>Circulation Research</i> , <b>2019</b> , 124, 225-242	15.7	40
191	YAP/TAZ Initiates Gastric Tumorigenesis via Upregulation of MYC. <i>Cancer Research</i> , <b>2018</b> , 78, 3306-3320	10.1	71
190	Sox7 promotes high-grade glioma by increasing VEGFR2-mediated vascular abnormality. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 963-983	16.6	25
189	Benefits and Pitfalls of Tumor Vessel Normalization <b>2018</b> , 1-21		
188	Organ-specific lymphatic vasculature: From development to pathophysiology. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 35-49	16.6	150
187	Angiopoietin-2 exacerbates cardiac hypoxia and inflammation after myocardial infarction. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5018-5033	15.9	62
186	Morphological Analysis of Lacteal Structure in the Small Intestine of Adult Mice. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1846, 131-139	1.4	1
185	VEGF-Grab Enhances the Efficacy of Radiation Therapy by Blocking VEGF-A and Treatment-Induced PLGF. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 102, 609-618	4	2
184	Myocardial Angiopoietin-1 Controls Atrial Chamber Morphogenesis by Spatiotemporal Degradation of Cardiac Jelly. <i>Cell Reports</i> , <b>2018</b> , 23, 2455-2466	10.6	15
183	Pulmonary pericytes regulate lung morphogenesis. <i>Nature Communications</i> , <b>2018</b> , 9, 2448	17.4	42

182	Generation of PDGFR $\alpha$ Cardioblasts from Pluripotent Stem Cells. <i>Scientific Reports</i> , <b>2017</b> , 7, 41840	4.9	8
181	Plastic roles of pericytes in the blood-retinal barrier. <i>Nature Communications</i> , <b>2017</b> , 8, 15296	17.4	148
180	VEGFR2 but not VEGFR3 governs integrity and remodeling of thyroid angiofollicular unit in normal state and during goitrogenesis. <i>EMBO Molecular Medicine</i> , <b>2017</b> , 9, 750-769	12	13
179	HSP90 inhibitor (NVP-AUY922) enhances the anti-cancer effect of BCL-2 inhibitor (ABT-737) in small cell lung cancer expressing BCL-2. <i>Cancer Letters</i> , <b>2017</b> , 411, 19-26	9.9	15
178	Organotypic vasculature: From descriptive heterogeneity to functional pathophysiology. <i>Science</i> , <b>2017</b> , 357,	33.3	295
177	Carbohydrate-binding protein CLEC14A regulates VEGFR-2- and VEGFR-3-dependent signals during angiogenesis and lymphangiogenesis. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 457-471	15.9	21
176	YAP/TAZ regulates sprouting angiogenesis and vascular barrier maturation. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3441-3461	15.9	188
175	Impaired angiopoietin/Tie2 signaling compromises Schlemm's canal integrity and induces glaucoma. <i>Journal of Clinical Investigation</i> , <b>2017</b> , 127, 3877-3896	15.9	53
174	Taking aim at Sox18. <i>ELife</i> , <b>2017</b> , 6,	8.9	4
173	SoxF Transcription Factors Are Positive Feedback Regulators of VEGF Signaling. <i>Circulation Research</i> , <b>2016</b> , 119, 839-52	15.7	39
172	PEGylation and HAylation via catechol: $\alpha$ -Amine-specific reaction at N-terminus of peptides and proteins. <i>Acta Biomaterialia</i> , <b>2016</b> , 43, 50-60	10.8	10
171	Amelioration of sepsis by TIE2 activation-induced vascular protection. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 335ra55	17.5	117
170	Methylation-dependent regulation of HIF-1 $\beta$ stability restricts retinal and tumour angiogenesis. <i>Nature Communications</i> , <b>2016</b> , 7, 10347	17.4	102
169	Tie1 controls angiopoietin function in vascular remodeling and inflammation. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 3495-510	15.9	119
168	Angiopoietin receptor Tie2 is required for vein specification and maintenance via regulating COUP-TFII. <i>ELife</i> , <b>2016</b> , 5,	8.9	40
167	Antiangiogenic Therapy Induces Hepatic Tumor Vascular Network Rearrangement to Receive Perfusion via the Portal Vein and Hepatic Artery. <i>Journal of Vascular Research</i> , <b>2016</b> , 53, 72-82	1.9	1
166	Normalization of Tumor Vessels by Tie2 Activation and Ang2 Inhibition Enhances Drug Delivery and Produces a Favorable Tumor Microenvironment. <i>Cancer Cell</i> , <b>2016</b> , 30, 953-967	24.3	171
165	Coordinated lymphangiogenesis is critical in lymph node development and maturation. <i>Developmental Dynamics</i> , <b>2016</b> , 245, 1189-1197	2.9	15

164	Perilipin+ embryonic preadipocytes actively proliferate along growing vasculatures for adipose expansion. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 2623-32	6.6	48
163	Angiopoietin-1 blocks neurotoxic zinc entry into cortical cells via PIP2 hydrolysis-mediated ion channel inhibition. <i>Neurobiology of Disease</i> , <b>2015</b> , 81, 203-13	7.5	5
162	AMIGO2, a novel membrane anchor of PDK1, controls cell survival and angiogenesis via Akt activation. <i>Journal of Cell Biology</i> , <b>2015</b> , 211, 619-37	7.3	34
161	Novel glycosylated VEGF decoy receptor fusion protein, VEGF-Grab, efficiently suppresses tumor angiogenesis and progression. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 470-9	6.1	18
160	A Designed Angiopoietin-1 Variant, Dimeric CMP-Ang1 Activates Tie2 and Stimulates Angiogenesis and Vascular Stabilization in N-glycan Dependent Manner. <i>Scientific Reports</i> , <b>2015</b> , 5, 15291	4.9	23
159	Designed angiopoietin-1 variant, COMP-angiopoietin-1, rescues erectile function through healthy cavernous angiogenesis in a hypercholesterolemic mouse. <i>Scientific Reports</i> , <b>2015</b> , 5, 9222	4.9	12
158	Imidazole-based alkaloid derivative LCB54-0009 suppresses ocular angiogenesis and lymphangiogenesis in models of experimental retinopathy and corneal neovascularization. <i>British Journal of Pharmacology</i> , <b>2015</b> , 172, 3875-89	8.6	6
157	Bioluminescence-activated deep-tissue photodynamic therapy of cancer. <i>Theranostics</i> , <b>2015</b> , 5, 805-17	12.1	48
156	Interfering with VE-PTP stabilizes endothelial junctions in vivo via Tie-2 in the absence of VE-cadherin. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 2267-87	16.6	119
155	Deficiency of endothelium-specific transcription factor Sox17 induces intracranial aneurysm. <i>Circulation</i> , <b>2015</b> , 131, 995-1005	16.7	41
154	Intravital imaging of intestinal lacteals unveils lipid drainage through contractility. <i>Journal of Clinical Investigation</i> , <b>2015</b> , 125, 4042-52	15.9	61
153	Mouse Hepatic Tumor Vascular Imaging by Experimental Selective Angiography. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131687	3.7	3
152	Angiopoietin-1 suppresses choroidal neovascularization and vascular leakage <b>2014</b> , 55, 2191-9		43
151	Dual modulation of the mitochondrial permeability transition pore and redox signaling synergistically promotes cardiomyocyte differentiation from pluripotent stem cells. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000693	6	45
150	Vascular RhoJ is an effective and selective target for tumor angiogenesis and vascular disruption. <i>Cancer Cell</i> , <b>2014</b> , 25, 102-17	24.3	90
149	Reprogramming of mouse somatic cells into pluripotent stem-like cells using a combination of small molecules. <i>Biomaterials</i> , <b>2014</b> , 35, 7336-45	15.6	33
148	Tie1 deletion inhibits tumor growth and improves angiopoietin antagonist therapy. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 824-34	15.9	58
147	Notch pathway targets proangiogenic regulator Sox17 to restrict angiogenesis. <i>Circulation Research</i> , <b>2014</b> , 115, 215-26	15.7	61

146	Intracavernous delivery of stromal vascular fraction restores erectile function through production of angiogenic factors in a mouse model of cavernous nerve injury. <i>Journal of Sexual Medicine</i> , <b>2014</b> , 11, 1962-73	1.1	19
145	Endothelial deletion of phospholipase D2 reduces hypoxic response and pathological angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1697-703	9.4	26
144	Inhibition of Ninjurin 1 restores erectile function through dual angiogenic and neurotrophic effects in the diabetic mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, E2731-40	11.5	41
143	TRAIL negatively regulates VEGF-induced angiogenesis via caspase-8-mediated enzymatic and non-enzymatic functions. <i>Angiogenesis</i> , <b>2014</b> , 17, 179-94	10.6	30
142	Inflammation-associated lymphangiogenesis: a double-edged sword?. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 936-42	15.9	149
141	Lymphatic regulator PROX1 determines Schlemm's canal integrity and identity. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 3960-74	15.9	110
140	Direct endothelial junction restoration results in significant tumor vascular normalization and metastasis inhibition in mice. <i>Oncotarget</i> , <b>2014</b> , 5, 2761-77	3.3	35
139	VEGF-A regulated by progesterone governs uterine angiogenesis and vascular remodelling during pregnancy. <i>EMBO Molecular Medicine</i> , <b>2013</b> , 5, 1415-30	12	105
138	Orchestral actions of angiopoietin-1 in vascular regeneration. <i>Trends in Molecular Medicine</i> , <b>2013</b> , 19, 31-9	11.5	111
137	Adipose vascular endothelial growth factor regulates metabolic homeostasis through angiogenesis. <i>Cell Metabolism</i> , <b>2013</b> , 17, 61-72	24.6	199
136	VE-PTP regulates VEGFR2 activity in stalk cells to establish endothelial cell polarity and lumen formation. <i>Nature Communications</i> , <b>2013</b> , 4, 1672	17.4	103
135	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18940-5	11.5	77
134	Angiopoietin-1 guides directional angiogenesis through integrin $\alpha_5\beta_1$ signaling for recovery of ischemic retinopathy. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 203ra127	17.5	90
133	Effect of intracavernous administration of angiopoietin-4 on erectile function in the streptozotocin-induced diabetic mouse. <i>Journal of Sexual Medicine</i> , <b>2013</b> , 10, 2912-27	1.1	15
132	Vascular endothelial growth factor-angiopoietin chimera with improved properties for therapeutic angiogenesis. <i>Circulation</i> , <b>2013</b> , 127, 424-34	16.7	47
131	Conditional ablation of LYVE-1+ cells unveils defensive roles of lymphatic vessels in intestine and lymph nodes. <i>Blood</i> , <b>2013</b> , 122, 2151-61	2.2	48
130	Reversing the intractable nature of pancreatic cancer by selectively targeting ALDH-high, therapy-resistant cancer cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e78130	3.7	40
129	Intracavernous delivery of freshly isolated stromal vascular fraction rescues erectile function by enhancing endothelial regeneration in the streptozotocin-induced diabetic mouse. <i>Journal of Sexual Medicine</i> , <b>2012</b> , 9, 3051-65	1.1	27

128	COMP-Angiopoietin-1 Stimulates Synovial Proliferation but Suppresses Osteoclast by Enhancing Angiogenesis and Osteoblast Maturation in Collagen-Induced Arthritis. <i>Journal of Rheumatic Diseases</i> , <b>2012</b> , 19, 82	1.2	2
127	Ligand oligomerization state controls Tie2 receptor trafficking and angiopoietin-2-specific responses. <i>Journal of Cell Science</i> , <b>2012</b> , 125, 2212-23	5.3	21
126	Effects of angiopoietin-2-blocking antibody on endothelial cell-cell junctions and lung metastasis. <i>Journal of the National Cancer Institute</i> , <b>2012</b> , 104, 461-75	9.7	158
125	Stromal vascular fraction from adipose tissue forms profound vascular network through the dynamic reassembly of blood endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 1141-50	9.4	109
124	Pericyte requirement for anti-leak action of angiopoietin-1 and vascular remodeling in sustained inflammation. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 2897-909	5.8	64
123	Angptl4 deficiency decreases serum triglyceride levels in low-density lipoprotein receptor knockout mice and streptozotocin-induced diabetic mice. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 409, 177-80	3.4	22
122	Angiopoietin-1 gene therapy attenuates hypertension and target organ damage in nitric oxide synthase inhibited spontaneously hypertensive rats. <i>Korean Circulation Journal</i> , <b>2011</b> , 41, 590-5	2.2	4
121	Ang2, the instigator of inflammation. <i>Blood</i> , <b>2011</b> , 118, 4767-8	2.2	14
120	Effects of culture temperature and pH on flag-tagged COMP angiopoietin-1 (FCA1) production from recombinant CHO cells: FCA1 aggregation. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 91, 305-15	5.7	19
119	T lymphocytes negatively regulate lymph node lymphatic vessel formation. <i>Immunity</i> , <b>2011</b> , 34, 96-107	32.3	166
118	Intracavernous delivery of a designed angiopoietin-1 variant rescues erectile function by enhancing endothelial regeneration in the streptozotocin-induced diabetic mouse. <i>Diabetes</i> , <b>2011</b> , 60, 969-80	0.9	60
117	Double anti-angiogenic and anti-inflammatory protein Valpha targeting VEGF-A and TNF-alpha in retinopathy and psoriasis. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 14410-8	5.4	30
116	Angiopoietin-1/Tie2 signal augments basal Notch signal controlling vascular quiescence by inducing delta-like 4 expression through AKT-mediated activation of beta-catenin. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 8055-8066	5.4	92
115	The spatiotemporal development of adipose tissue. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 5027-37	6.6	121
114	Adipocytokine orosomucoid integrates inflammatory and metabolic signals to preserve energy homeostasis by resolving immoderate inflammation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 22174-85	5.4	84
113	CXCR4 signaling regulates metastasis of chemoresistant melanoma cells by a lymphatic metastatic niche. <i>Cancer Research</i> , <b>2010</b> , 70, 10411-21	10.1	135
112	Protective role of COMP-Ang1 in ischemic rat brain. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 1052-63	4.4	24
111	Adipose tissue is an extramedullary reservoir for functional hematopoietic stem and progenitor cells. <i>Blood</i> , <b>2010</b> , 115, 957-64	2.2	147

110	Efficient differentiation of human pluripotent stem cells into functional CD34+ progenitor cells by combined modulation of the MEK/ERK and BMP4 signaling pathways. <i>Blood</i> , <b>2010</b> , 116, 5762-72	2.2	91
109	Double antiangiogenic protein, DAAP, targeting VEGF-A and angiopoietins in tumor angiogenesis, metastasis, and vascular leakage. <i>Cancer Cell</i> , <b>2010</b> , 18, 171-84	24.3	124
108	Intracavernous delivery of synthetic angiopoietin-1 protein as a novel therapeutic strategy for erectile dysfunction in the type II diabetic db/db mouse. <i>Journal of Sexual Medicine</i> , <b>2010</b> , 7, 3635-46	1.1	35
107	Optimal suppression of protein phosphatase 2A activity is critical for maintenance of human embryonic stem cell self-renewal. <i>Stem Cells</i> , <b>2010</b> , 28, 874-84	5.8	22
106	Excessive cardiac insulin signaling exacerbates systolic dysfunction induced by pressure overload in rodents. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 1506-14	15.9	153
105	Quantitative analysis of peripheral tissue perfusion using spatiotemporal molecular dynamics. <i>PLoS ONE</i> , <b>2009</b> , 4, e4275	3.7	45
104	Activation of PPAR gamma induces profound multilocularization of adipocytes in adult mouse white adipose tissues. <i>Experimental and Molecular Medicine</i> , <b>2009</b> , 41, 880-95	12.8	45
103	Angiopoietin-1 induces Kruppel-like factor 2 expression through a phosphoinositide 3-kinase/AKT-dependent activation of myocyte enhancer factor 2. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 5592-601	5.4	51
102	Angiopoietin-1 overexpression modulates vascular endothelium to facilitate tumor cell dissemination and metastasis establishment. <i>Cancer Research</i> , <b>2009</b> , 69, 4656-64	10.1	52
101	Angiopoietin-2 exocytosis is stimulated by sphingosine-1-phosphate in human blood and lymphatic endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 401-7	9.4	32
100	Control of vascular morphogenesis and homeostasis through the angiopoietin-Tie system. <i>Nature Reviews Molecular Cell Biology</i> , <b>2009</b> , 10, 165-77	48.7	1051
99	COMP-Angiopoietin-1 ameliorates surgery-induced ischemic necrosis of the femoral head in rats. <i>Bone</i> , <b>2009</b> , 44, 886-92	4.7	19
98	Angptl 4 deficiency improves lipid metabolism, suppresses foam cell formation and protects against atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 379, 806-11	3.4	64
97	Angiopoietins contribute to lung development by regulating pulmonary vascular network formation. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 381, 218-23	3.4	35
96	Role of CD11b+ macrophages in intraperitoneal lipopolysaccharide-induced aberrant lymphangiogenesis and lymphatic function in the diaphragm. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 1733-45	5.8	97
95	Toll-like receptor 4 in lymphatic endothelial cells contributes to LPS-induced lymphangiogenesis by chemotactic recruitment of macrophages. <i>Blood</i> , <b>2009</b> , 113, 2605-13	2.2	95
94	Critical role of CD11b+ macrophages and VEGF in inflammatory lymphangiogenesis, antigen clearance, and inflammation resolution. <i>Blood</i> , <b>2009</b> , 113, 5650-9	2.2	295
93	Toll-like receptor 4 decoy, TOY, attenuates gram-negative bacterial sepsis. <i>PLoS ONE</i> , <b>2009</b> , 4, e7403	3.7	18



92	Differential function of Tie2 at cell-cell contacts and cell-substratum contacts regulated by angiopoietin-1. <i>Nature Cell Biology</i> , <b>2008</b> , 10, 513-26	23.4	285
91	Angiopoietins assemble distinct Tie2 signalling complexes in endothelial cell-cell and cell-matrix contacts. <i>Nature Cell Biology</i> , <b>2008</b> , 10, 527-37	23.4	348
90	Fibroblast activation protein alpha identifies mesenchymal stromal cells from human bone marrow. <i>British Journal of Haematology</i> , <b>2008</b> , 142, 827-30	4.5	41
89	Effect of cartilage oligomeric matrix protein angiopoietin-1 on peripheral nerves in db/db diabetic mice. <i>Current Therapeutic Research</i> , <b>2008</b> , 69, 343-55	2.4	3
88	Angiopoietin-1 variant, COMP-Ang1 attenuates hydrogen peroxide-induced acute lung injury. <i>Experimental and Molecular Medicine</i> , <b>2008</b> , 40, 320-31	12.8	27
87	Angiopoietin-1 prevents hypertension and target organ damage through its interaction with endothelial Tie2 receptor. <i>Cardiovascular Research</i> , <b>2008</b> , 78, 572-80	9.9	28
86	Profound but dysfunctional lymphangiogenesis via vascular endothelial growth factor ligands from CD11b+ macrophages in advanced ovarian cancer. <i>Cancer Research</i> , <b>2008</b> , 68, 1100-9	10.1	106
85	Protective effect of COMP-angiopoietin-1 on cyclosporine-induced renal injury in mice. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 2784-94	4.3	17
84	COMP-Ang1, angiopoietin-1 variant protects radiation-induced bone marrow damage in C57BL/6 mice. <i>Journal of Radiation Research</i> , <b>2008</b> , 49, 313-20	2.4	7
83	COMP-angiopoietin 1 Gene Transfer Enhances Cutaneous Wound Healing by Promoting Angiogenesis. <i>Annals of Dermatology</i> , <b>2008</b> , 20, 49-55	0.4	0
82	Systemic analysis of tyrosine phosphorylated proteins in angiopoietin-1 induced signaling pathway of endothelial cells. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 3278-90	5.6	17
81	Lymphatic development in mouse small intestine. <i>Developmental Dynamics</i> , <b>2007</b> , 236, 2020-5	2.9	45
80	Membrane proteomic analysis of human mesenchymal stromal cells during adipogenesis. <i>Proteomics</i> , <b>2007</b> , 7, 4181-91	4.8	35
79	Genome-wide differential gene expression profiling of human bone marrow stromal cells. <i>Stem Cells</i> , <b>2007</b> , 25, 994-1002	5.8	27
78	Renoprotective effect of COMP-angiopoietin-1 in db/db mice with type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 396-408	4.3	65
77	Blockade of airway inflammation and hyper-responsiveness by an angiopoietin-1 variant, COMP-Ang1. <i>Experimental and Molecular Medicine</i> , <b>2007</b> , 39, 733-45	12.8	13
76	Angiogenic role of LYVE-1-positive macrophages in adipose tissue. <i>Circulation Research</i> , <b>2007</b> , 100, e47-57	57.7	199
75	In vivo actions of angiopoietins on quiescent and remodeling blood and lymphatic vessels in mouse airways and skin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 564-70	9.4	68

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