

Gou Young Koh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2984496/publications.pdf>

Version: 2024-02-01

222
papers

27,194
citations

6613

79
h-index

6131

159
g-index

230
all docs

230
docs citations

230
times ranked

33193
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiangiogenesis: Vessel Regression, Vessel Normalization, or Both?. <i>Cancer Research</i> , 2022, 82, 15-17.	0.9	19
2	Pericyte Loss Leads to Capillary Stalling Through Increased Leukocyte-Endothelial Cell Interaction in the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 848764.	3.7	15
3	Viewpoints: Dual-blocking antibody against VEGF-A and angiopoietin-2 for treating vascular diseases of the eye. <i>Trends in Molecular Medicine</i> , 2022, 28, 347-349.	6.7	3
4	Apelin drives maintenance and expansion of the vascular niche in intestinal crypts. , 2022, 1, 410-412.		0
5	Gatekeeping role of <i>Nf2</i> /Merlin in vascular tip EC induction through suppression of VEGFR2 internalization. <i>Science Advances</i> , 2022, 8, .	10.3	6
6	Control of endothelial quiescence by FOXO-regulated metabolites. <i>Nature Cell Biology</i> , 2021, 23, 413-423.	10.3	56
7	Refractoriness of STING therapy is relieved by AKT inhibitor through effective vascular disruption in tumour. <i>Nature Communications</i> , 2021, 12, 4405.	12.8	19
8	Ultra- and micro-structural changes of respiratory tracts in SARS-CoV-2 infected Syrian hamsters. <i>Veterinary Research</i> , 2021, 52, 121.	3.0	15
9	Structural insights into the clustering and activation of Tie2 receptor mediated by Tie2 agonistic antibody. <i>Nature Communications</i> , 2021, 12, 6287.	12.8	6
10	CHD4 Conceals Aberrant CTCF-Binding Sites at TAD Interiors by Regulating Chromatin Accessibility in Mouse Embryonic Stem Cells. <i>Molecules and Cells</i> , 2021, 44, 805-829.	2.6	7
11	VEGFR2 signaling drives meningeal vascular regeneration upon head injury. <i>Nature Communications</i> , 2020, 11, 3866.	12.8	12
12	Distinct fibroblast subsets regulate lacteal integrity through YAP/TAZ-induced VEGF-C in intestinal villi. <i>Nature Communications</i> , 2020, 11, 4102.	12.8	36
13	Characterization of <i>ANGPT2</i> mutations associated with primary lymphedema. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	31
14	Cerebral amyloid angiopathy aggravates perivascular clearance impairment in an Alzheimer's disease mouse model. <i>Acta Neuropathologica Communications</i> , 2020, 8, 181.	5.2	42
15	Angiopoietin-2-integrin $\beta 1$ signaling enhances vascular fatty acid transport and prevents ectopic lipid-induced insulin resistance. <i>Nature Communications</i> , 2020, 11, 2980.	12.8	30
16	Biological functions of lymphatic vessels. <i>Science</i> , 2020, 369, .	12.6	220
17	Enhanced thrombospondin-1 causes dysfunction of vascular endothelial cells derived from Fabry disease-induced pluripotent stem cells. <i>EBioMedicine</i> , 2020, 52, 102633.	6.1	28
18	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. <i>Nature Communications</i> , 2020, 11, 519.	12.8	35

#	ARTICLE	IF	CITATIONS
19	YAP1 and TAZ negatively control bone angiogenesis by limiting hypoxia-inducible factor signaling in endothelial cells. <i>ELife</i> , 2020, 9, .	6.0	51
20	Angiopoietin-2 blockade ameliorates autoimmune neuroinflammation by inhibiting leukocyte recruitment into the CNS. <i>Journal of Clinical Investigation</i> , 2020, 130, 1977-1990.	8.2	26
21	Meningeal lymphatic vessels at the skull base drain cerebrospinal fluid. <i>Nature</i> , 2019, 572, 62-66.	27.8	445
22	Tie2 activation promotes choriocapillary regeneration for alleviating neovascular age-related macular degeneration. <i>Science Advances</i> , 2019, 5, eaau6732.	10.3	39
23	Tumor metastasis to lymph nodes requires YAP-dependent metabolic adaptation. <i>Science</i> , 2019, 363, 644-649.	12.6	276
24	Î²-Cellâ€œDerived Angiopoietin-1 Regulates Insulin Secretion and Glucose Homeostasis by Stabilizing the Islet Microenvironment. <i>Diabetes</i> , 2019, 68, 774-786.	0.6	9
25	A MST1â€œFOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis. <i>Nature Communications</i> , 2019, 10, 838.	12.8	65
26	Gut microbiota regulates lacteal integrity by inducing VEGFâ€œ in intestinal villus macrophages. <i>EMBO Reports</i> , 2019, 20, .	4.5	93
27	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , 2019, 53, 1800786.	6.7	160
28	YAP and TAZ Negatively Regulate Prox1 During Developmental and Pathologic Lymphangiogenesis. <i>Circulation Research</i> , 2019, 124, 225-242.	4.5	67
29	Benefits and Pitfalls of Tumor Vessel Normalization. , 2019, , 51-71.		1
30	YAP/TAZ Initiates Gastric Tumorigenesis via Upregulation of MYC. <i>Cancer Research</i> , 2018, 78, 3306-3320.	0.9	114
31	Sox7 promotes high-grade glioma by increasing VEGFR2-mediated vascular abnormality. <i>Journal of Experimental Medicine</i> , 2018, 215, 963-983.	8.5	36
32	Organ-specific lymphatic vasculature: From development to pathophysiology. <i>Journal of Experimental Medicine</i> , 2018, 215, 35-49.	8.5	231
33	Angiopoietin-2 exacerbates cardiac hypoxia and inflammation after myocardial infarction. <i>Journal of Clinical Investigation</i> , 2018, 128, 5018-5033.	8.2	107
34	Morphological Analysis of Lacteal Structure in the Small Intestine of Adult Mice. <i>Methods in Molecular Biology</i> , 2018, 1846, 131-139.	0.9	2
35	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> , 2018, 102, 609-618.	0.8	3
36	1457: CAPILLARY ENTRAPMENT OF MAC-1+ NEUTROPHIL DISTURBS PULMONARY MICROCIRCULATION IN SEPSIS-INDUCED ARDS. <i>Critical Care Medicine</i> , 2018, 46, 712-712.	0.9	0

#	ARTICLE	IF	CITATIONS
37	Myocardial Angiotensin-1 Controls Atrial Chamber Morphogenesis by Spatiotemporal Degradation of Cardiac Jelly. <i>Cell Reports</i> , 2018, 23, 2455-2466.	6.4	26
38	Pulmonary pericytes regulate lung morphogenesis. <i>Nature Communications</i> , 2018, 9, 2448.	12.8	72
39	Benefits and Pitfalls of Tumor Vessel Normalization. , 2018, , 1-21.		0
40	Generation of PDGFR β ⁺ Cardioblasts from Pluripotent Stem Cells. <i>Scientific Reports</i> , 2017, 7, 41840.	3.3	12
41	Plastic roles of pericytes in the blood-retinal barrier. <i>Nature Communications</i> , 2017, 8, 15296.	12.8	210
42	VEGFR2 but not VEGFR3 governs integrity and remodeling of thyroid angiofollicular unit in normal state and during goitrogenesis. <i>EMBO Molecular Medicine</i> , 2017, 9, 750-769.	6.9	21
43	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> , 2017, 411, 19-26.	7.2	21
44	Organotypic vasculature: From descriptive heterogeneity to functional pathophysiology. <i>Science</i> , 2017, 357, .	12.6	497
45	YAP/TAZ regulates sprouting angiogenesis and vascular barrier maturation. <i>Journal of Clinical Investigation</i> , 2017, 127, 3441-3461.	8.2	282
46	Impaired angiotensin/Tie2 signaling compromises Schlemm's canal integrity and induces glaucoma. <i>Journal of Clinical Investigation</i> , 2017, 127, 3877-3896.	8.2	98
47	Taking aim at Sox18. <i>ELife</i> , 2017, 6, .	6.0	5
48	Antiangiogenic Therapy Induces Hepatic Tumor Vascular Network Rearrangement to Receive Perfusion via the Portal Vein and Hepatic Artery. <i>Journal of Vascular Research</i> , 2016, 53, 72-82.	1.4	1
49	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.	16.8	259
50	Coordinated lymphangiogenesis is critical in lymph node development and maturation. <i>Developmental Dynamics</i> , 2016, 245, 1189-1197.	1.8	26
51	SoxF Transcription Factors Are Positive Feedback Regulators of VEGF Signaling. <i>Circulation Research</i> , 2016, 119, 839-852.	4.5	59
52	PEGylation and HAYlation via catechol: β -Amine-specific reaction at N-terminus of peptides and proteins. <i>Acta Biomaterialia</i> , 2016, 43, 50-60.	8.3	10
53	Amelioration of sepsis by TIE2 activation-induced vascular protection. <i>Science Translational Medicine</i> , 2016, 8, 335ra55.	12.4	151
54	Methylation-dependent regulation of HIF-1 β stability restricts retinal and tumour angiogenesis. <i>Nature Communications</i> , 2016, 7, 10347.	12.8	159

#	ARTICLE	IF	CITATIONS
55	Tie1 controls angiopoietin function in vascular remodeling and inflammation. <i>Journal of Clinical Investigation</i> , 2016, 126, 3495-3510.	8.2	189
56	Carbohydrate-binding protein CLEC14A regulates VEGFR-2 and VEGFR-3 dependent signals during angiogenesis and lymphangiogenesis. <i>Journal of Clinical Investigation</i> , 2016, 127, 457-471.	8.2	27
57	Angiopoietin receptor Tie2 is required for vein specification and maintenance via regulating COUP-TFII. <i>ELife</i> , 2016, 5, .	6.0	59
58	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> , 2015, 5, 15291.	3.3	29
59	Designed angiopoietin-1 variant, COMP-angiopoietin-1, rescues erectile function through healthy cavernous angiogenesis in a hypercholesterolemic mouse. <i>Scientific Reports</i> , 2015, 5, 9222.	3.3	15
60	Imidazole based alkaloid derivative LCB-540009 suppresses ocular angiogenesis and lymphangiogenesis in models of experimental retinopathy and corneal neovascularization. <i>British Journal of Pharmacology</i> , 2015, 172, 3875-3889.	5.4	9
61	Bioluminescence-Activated Deep-Tissue Photodynamic Therapy of Cancer. <i>Theranostics</i> , 2015, 5, 805-817.	10.0	72
62	Interfering with VE-PTP stabilizes endothelial junctions in vivo via Tie-2 in the absence of VE-cadherin. <i>Journal of Experimental Medicine</i> , 2015, 212, 2267-2287.	8.5	172
63	Deficiency of Endothelium-Specific Transcription Factor Sox17 Induces Intracranial Aneurysm. <i>Circulation</i> , 2015, 131, 995-1005.	1.6	62
64	Perilipin+ embryonic preadipocytes actively proliferate along growing vasculatures for adipose expansion. <i>Development (Cambridge)</i> , 2015, 142, 2623-2632.	2.5	63
65	Angiopoietin-1 blocks neurotoxic zinc entry into cortical cells via PIP2 hydrolysis-mediated ion channel inhibition. <i>Neurobiology of Disease</i> , 2015, 81, 203-213.	4.4	5
66	AMIGO2, a novel membrane anchor of PDK1, controls cell survival and angiogenesis via Akt activation. <i>Journal of Cell Biology</i> , 2015, 211, 619-637.	5.2	49
67	Novel Glycosylated VEGF Decoy Receptor Fusion Protein, VEGF-Grab, Efficiently Suppresses Tumor Angiogenesis and Progression. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 470-479.	4.1	24
68	Intravital imaging of intestinal lacteals unveils lipid drainage through contractility. <i>Journal of Clinical Investigation</i> , 2015, 125, 4042-4052.	8.2	88
69	Mouse Hepatic Tumor Vascular Imaging by Experimental Selective Angiography. <i>PLoS ONE</i> , 2015, 10, e0131687.	2.5	5
70	Notch Pathway Targets Proangiogenic Regulator Sox17 to Restrict Angiogenesis. <i>Circulation Research</i> , 2014, 115, 215-226.	4.5	81
71	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> , 2014, 11, 1962-1973.	0.6	21
72	Endothelial Deletion of Phospholipase D2 Reduces Hypoxic Response and Pathological Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1697-1703.	2.4	38

#	ARTICLE	IF	CITATIONS
73	Inhibition of Ninjurin 1 restores erectile function through dual angiogenic and neurotrophic effects in the diabetic mouse. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2731-40.	7.1	54
74	TRAIL negatively regulates VEGF-induced angiogenesis via caspase-8-mediated enzymatic and non-enzymatic functions. Angiogenesis, 2014, 17, 179-194.	7.2	34
75	Angiopoietin-1 Suppresses Choroidal Neovascularization and Vascular Leakage. , 2014, 55, 2191.		51
76	Dual Modulation of the Mitochondrial Permeability Transition Pore and Redox Signaling Synergistically Promotes Cardiomyocyte Differentiation From Pluripotent Stem Cells. Journal of the American Heart Association, 2014, 3, e000693.	3.7	52
77	Vascular RhoJ Is an Effective and Selective Target for Tumor Angiogenesis and Vascular Disruption. Cancer Cell, 2014, 25, 102-117.	16.8	109
78	Reprogramming of mouse somatic cells into pluripotent stem-like cells using a combination of small molecules. Biomaterials, 2014, 35, 7336-7345.	11.4	34
79	Tie1 deletion inhibits tumor growth and improves angiopoietin antagonist therapy. Journal of Clinical Investigation, 2014, 124, 824-834.	8.2	78
80	Inflammation-associated lymphangiogenesis: a double-edged sword?. Journal of Clinical Investigation, 2014, 124, 936-942.	8.2	184
81	Lymphatic regulator PROX1 determines Schlemm's canal integrity and identity. Journal of Clinical Investigation, 2014, 124, 3960-3974.	8.2	141
82	Direct endothelial junction restoration results in significant tumor vascular normalization and metastasis inhibition in mice. Oncotarget, 2014, 5, 2761-2777.	1.8	38
83	VEGF ^A regulated by progesterone governs uterine angiogenesis and vascular remodelling during pregnancy. EMBO Molecular Medicine, 2013, 5, 1415-1430.	6.9	141
84	Orchestral actions of angiopoietin-1 in vascular regeneration. Trends in Molecular Medicine, 2013, 19, 31-39.	6.7	146
85	Adipose Vascular Endothelial Growth Factor Regulates Metabolic Homeostasis through Angiogenesis. Cell Metabolism, 2013, 17, 61-72.	16.2	252
86	VE-PTP regulates VEGFR2 activity in stalk cells to establish endothelial cell polarity and lumen formation. Nature Communications, 2013, 4, 1672.	12.8	120
87	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18940-18945.	7.1	95
88	Angiopoietin-1 Guides Directional Angiogenesis Through Integrin $\alpha_5\beta_1$ Signaling for Recovery of Ischemic Retinopathy. Science Translational Medicine, 2013, 5, 203ra127.	12.4	113
89	Effect of Intracavernous Administration of Angiopoietin-4 on Erectile Function in the Streptozotocin-Induced Diabetic Mouse. Journal of Sexual Medicine, 2013, 10, 2912-2927.	0.6	17
90	Vascular Endothelial Growth Factor-Angiopoietin Chimera With Improved Properties for Therapeutic Angiogenesis. Circulation, 2013, 127, 424-434.	1.6	53

#	ARTICLE	IF	CITATIONS
91	Conditional ablation of LYVE-1+ cells unveils defensive roles of lymphatic vessels in intestine and lymph nodes. <i>Blood</i> , 2013, 122, 2151-2161.	1.4	61
92	Reversing the Intractable Nature of Pancreatic Cancer by Selectively Targeting ALDH-High, Therapy-Resistant Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e78130.	2.5	47
93	Ligand oligomerization state controls Tie2 receptor trafficking and Angiopoietin-2 ligand-specific responses. <i>Journal of Cell Science</i> , 2012, 125, 2212-23.	2.0	24
94	Effects of Angiopoietin-2-Blocking Antibody on Endothelial Cell-Cell Junctions and Lung Metastasis. <i>Journal of the National Cancer Institute</i> , 2012, 104, 461-475.	6.3	186
95	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> , 2012, 9, 3051-3065.	0.6	34
96	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> , 2012, 19, 82.	1.1	2
97	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> , 2011, 31, 1141-1150.	2.4	131
98	Pericyte Requirement for Anti-Leak Action of Angiopoietin-1 and Vascular Remodeling in Sustained Inflammation. <i>American Journal of Pathology</i> , 2011, 178, 2897-2909.	3.8	75
99	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> , 2011, 409, 177-180.	2.1	23
100	Angiopoietin-1 Gene Therapy Attenuates Hypertension and Target Organ Damage in Nitric Oxide Synthase Inhibited Spontaneously Hypertensive Rats. <i>Korean Circulation Journal</i> , 2011, 41, 590.	1.9	5
101	Ang2, the instigator of inflammation. <i>Blood</i> , 2011, 118, 4767-4768.	1.4	15
102	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> , 2011, 91, 305-315.	3.6	20
103	T Lymphocytes Negatively Regulate Lymph Node Lymphatic Vessel Formation. <i>Immunity</i> , 2011, 34, 96-107.	14.3	214
104	Intracavernous Delivery of a Designed Angiopoietin-1 Variant Rescues Erectile Function by Enhancing Endothelial Regeneration in the Streptozotocin-Induced Diabetic Mouse. <i>Diabetes</i> , 2011, 60, 969-980.	0.6	69
105	Double Anti-angiogenic and Anti-inflammatory Protein Valpha Targeting VEGF-A and TNF- α in Retinopathy and Psoriasis. <i>Journal of Biological Chemistry</i> , 2011, 286, 14410-14418.	3.4	38
106	Angiopoietin-1/Tie2 Signal Augments Basal Notch Signal Controlling Vascular Quiescence by Inducing Delta-Like 4 Expression through AKT-mediated Activation of β -Catenin. <i>Journal of Biological Chemistry</i> , 2011, 286, 8055-8066.	3.4	109
107	The spatiotemporal development of adipose tissue. <i>Development (Cambridge)</i> , 2011, 138, 5027-5037.	2.5	165
108	Protective role of COMP-Ang1 in ischemic rat brain. <i>Journal of Neuroscience Research</i> , 2010, 88, 1052-1063.	2.9	26

#	ARTICLE	IF	CITATIONS
109	Adipose tissue is an extramedullary reservoir for functional hematopoietic stem and progenitor cells. <i>Blood</i> , 2010, 115, 957-964.	1.4	179
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> , 2010, 116, 5762-5772.	1.4	107
111	Double Antiangiogenic Protein, DAAP, Targeting VEGF-A and Angiopoietins in Tumor Angiogenesis, Metastasis, and Vascular Leakage. <i>Cancer Cell</i> , 2010, 18, 171-184.	16.8	137
112	Intracavernous Delivery of Synthetic Angiopoietin-1 Protein as a Novel Therapeutic Strategy for Erectile Dysfunction in the Type II Diabetic <i>db/db</i> Mouse. <i>Journal of Sexual Medicine</i> , 2010, 7, 3635-3646.	0.6	40
113	Optimal Suppression of Protein Phosphatase 2A Activity Is Critical for Maintenance of Human Embryonic Stem Cell Self-Renewal. <i>Stem Cells</i> , 2010, 28, 874-884.	3.2	23
114	Adipocytokine Orosomucoid Integrates Inflammatory and Metabolic Signals to Preserve Energy Homeostasis by Resolving Immoderate Inflammation. <i>Journal of Biological Chemistry</i> , 2010, 285, 22174-22185.	3.4	108
115	CXCR4 Signaling Regulates Metastasis of Chemoresistant Melanoma Cells by a Lymphatic Metastatic Niche. <i>Cancer Research</i> , 2010, 70, 10411-10421.	0.9	153
116	Platelets Take the Lead in Lymphatic Separation. <i>Circulation Research</i> , 2010, 106, 1184-1186.	4.5	9
117	Excessive cardiac insulin signaling exacerbates systolic dysfunction induced by pressure overload in rodents. <i>Journal of Clinical Investigation</i> , 2010, 120, 1506-1514.	8.2	192
118	Quantitative Analysis of Peripheral Tissue Perfusion Using Spatiotemporal Molecular Dynamics. <i>PLoS ONE</i> , 2009, 4, e4275.	2.5	48
119	Activation of PPAR γ induces profound multilocularization of adipocytes in adult mouse white adipose tissues. <i>Experimental and Molecular Medicine</i> , 2009, 41, 880.	7.7	50
120	Angiopoietin-1 Induces Kr μ ppel-like Factor 2 Expression through a Phosphoinositide 3-Kinase/AKT-dependent Activation of Myocyte Enhancer Factor 2. <i>Journal of Biological Chemistry</i> , 2009, 284, 5592-5601.	3.4	60
121	Angiopoietin-1 Overexpression Modulates Vascular Endothelium to Facilitate Tumor Cell Dissemination and Metastasis Establishment. <i>Cancer Research</i> , 2009, 69, 4656-4664.	0.9	57
122	Angiopoietin-2 Exocytosis Is Stimulated by Sphingosine-1-Phosphate in Human Blood and Lymphatic Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 401-407.	2.4	43
123	Control of vascular morphogenesis and homeostasis through the angiopoietin-Tie system. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 165-177.	37.0	1,235
124	COMP-Angiopoietin-1 ameliorates surgery-induced ischemic necrosis of the femoral head in rats. <i>Bone</i> , 2009, 44, 886-892.	2.9	19
125	Angptl 4 deficiency improves lipid metabolism, suppresses foam cell formation and protects against atherosclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 806-811.	2.1	73
126	Angiopoietins contribute to lung development by regulating pulmonary vascular network formation. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 218-223.	2.1	39

#	ARTICLE	IF	CITATIONS
127	Role of CD11b+ Macrophages in Intraperitoneal Lipopolysaccharide-Induced Aberrant Lymphangiogenesis and Lymphatic Function in the Diaphragm. <i>American Journal of Pathology</i> , 2009, 175, 1733-1745.	3.8	113
128	Toll-like receptor 4 in lymphatic endothelial cells contributes to LPS-induced lymphangiogenesis by chemotactic recruitment of macrophages. <i>Blood</i> , 2009, 113, 2605-2613.	1.4	110
129	Critical role of CD11b+ macrophages and VEGF in inflammatory lymphangiogenesis, antigen clearance, and inflammation resolution. <i>Blood</i> , 2009, 113, 5650-5659.	1.4	363
130	Toll-Like Receptor 4 Decoy, TOY, Attenuates Gram-Negative Bacterial Sepsis. <i>PLoS ONE</i> , 2009, 4, e7403.	2.5	18
131	Differential function of Tie2 at cell-cell contacts and cell-substratum contacts regulated by angiotensin-1. <i>Nature Cell Biology</i> , 2008, 10, 513-526.	10.3	316
132	Angiotensins assemble distinct Tie2 signalling complexes in endothelial cell-cell and cell-matrix contacts. <i>Nature Cell Biology</i> , 2008, 10, 527-537.	10.3	406
133	Fibroblast activation protein β identifies mesenchymal stromal cells from human bone marrow. <i>British Journal of Haematology</i> , 2008, 142, 827-830.	2.5	56
134	Effect of cartilage oligomeric matrix protein angiotensin-1 on peripheral nerves in db/db diabetic mice. <i>Current Therapeutic Research</i> , 2008, 69, 343-355.	1.2	3
135	Angiotensin-1 variant, COMP-Ang1 attenuates hydrogen peroxide-induced acute lung injury. <i>Experimental and Molecular Medicine</i> , 2008, 40, 320.	7.7	32
136	Angiotensin-1 prevents hypertension and target organ damage through its interaction with endothelial Tie2 receptor. <i>Cardiovascular Research</i> , 2008, 78, 572-580.	3.8	29
137	Profound but Dysfunctional Lymphangiogenesis via Vascular Endothelial Growth Factor Ligands from CD11b+ Macrophages in Advanced Ovarian Cancer. <i>Cancer Research</i> , 2008, 68, 1100-1109.	0.9	114
138	Protective effect of COMP-angiotensin-1 on cyclosporine-induced renal injury in mice. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 2784-2794.	0.7	21
139	COMP-Ang1, Angiotensin-1 Variant Protects Radiation-Induced Bone Marrow Damage in C57BL/6 Mice. <i>Journal of Radiation Research</i> , 2008, 49, 313-320.	1.6	8
140	COMP-angiotensin 1 Gene Transfer Enhances Cutaneous Wound Healing by Promoting Angiogenesis. <i>Annals of Dermatology</i> , 2008, 20, 49.	0.9	1
141	Blockade of airway inflammation and hyper-responsiveness by an angiotensin-1 variant, COMP-Ang1. <i>Experimental and Molecular Medicine</i> , 2007, 39, 733-745.	7.7	13
142	Angiogenic Role of LYVE-1-Positive Macrophages in Adipose Tissue. <i>Circulation Research</i> , 2007, 100, e47-57.	4.5	253
143	In Vivo Actions of Angiotensins on Quiescent and Remodeling Blood and Lymphatic Vessels in Mouse Airways and Skin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 564-570.	2.4	74
144	Cartilage Oligometric Matrix Protein-Angiotensin-1 Promotes Revascularization Through Increased Survivin Expression in Dermal Endothelial Cells of Skin Grafts in Mice. <i>American Journal of Pathology</i> , 2007, 171, 1682-1690.	3.8	10

#	ARTICLE	IF	CITATIONS
145	Regulated Proteolytic Processing of Tie1 Modulates Ligand Responsiveness of the Receptor-tyrosine Kinase Tie2. <i>Journal of Biological Chemistry</i> , 2007, 282, 30509-30517.	3.4	100
146	Systemic Analysis of Tyrosine Phosphorylated Proteins in Angiopoietin-1 Induced Signaling Pathway of Endothelial Cells. <i>Journal of Proteome Research</i> , 2007, 6, 3278-3290.	3.7	17
147	Lymphatic development in mouse small intestine. <i>Developmental Dynamics</i> , 2007, 236, 2020-2025.	1.8	60
148	Membrane proteomic analysis of human mesenchymal stromal cells during adipogenesis. <i>Proteomics</i> , 2007, 7, 4181-4191.	2.2	40
149	Genome-Wide Differential Gene Expression Profiling of Human Bone Marrow Stromal Cells. <i>Stem Cells</i> , 2007, 25, 994-1002.	3.2	27
150	Gab family proteins are essential for postnatal maintenance of cardiac function via neuregulin-1/ErbB signaling. <i>Journal of Clinical Investigation</i> , 2007, 117, 1771-1781.	8.2	60
151	Bone marrow-derived circulating progenitor cells fail to transdifferentiate into adipocytes in adult adipose tissues in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3684-3695.	8.2	80
152	Combined Angiopoietin-1 and vascular endothelial growth factor gene transfer restores cavernous angiogenesis and erectile function in a rat model of hypercholesterolemia. <i>Molecular Therapy</i> , 2006, 13, 705-715.	8.2	77
153	COMP-Angiopoietin-1 Ameliorates Renal Fibrosis in a Unilateral Ureteral Obstruction Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 2474-2483.	6.1	82
154	Alpha-lipoic acid inhibits fractalkine expression and prevents neointimal hyperplasia after balloon injury in rat carotid artery. <i>Atherosclerosis</i> , 2006, 189, 106-114.	0.8	30
155	Intestinal and peri-tumoral lymphatic endothelial cells are resistant to radiation-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 545-551.	2.1	19
156	Renoprotective effect of COMP-angiopoietin-1 in db/db mice with type 2 diabetes. <i>Nephrology Dialysis Transplantation</i> , 2006, 22, 396-408.	0.7	68
157	COMP-angiopoietin-1 promotes wound healing through enhanced angiogenesis, lymphangiogenesis, and blood flow in a diabetic mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4946-4951.	7.1	150
158	Hydrogen Peroxide Produced by Angiopoietin-1 Mediates Angiogenesis. <i>Cancer Research</i> , 2006, 66, 6167-6174.	0.9	82
159	Angiopoietin-1 promotes LYVE-1-positive lymphatic vessel formation. <i>Blood</i> , 2005, 105, 4649-4656.	1.4	214
160	Activity of Angiotensin Peptides in Clitoral Caverosum of Alloxan Induced Diabetic Rabbit. <i>European Urology</i> , 2005, 48, 1042-1050.	1.9	7
161	Protective Effect of α -Lipoic Acid in Lipopolysaccharide-Induced Endothelial Fractalkine Expression. <i>Circulation Research</i> , 2005, 97, 880-890.	4.5	61
162	Cooperative interaction of Angiopoietin-like proteins 1 and 2 in zebrafish vascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 13502-13507.	7.1	89

#	ARTICLE	IF	CITATIONS
163	Oligomerization and Multimerization Are Critical for Angiotensin II to Bind and Phosphorylate Tie2. <i>Journal of Biological Chemistry</i> , 2005, 280, 20126-20131.	3.4	134
164	Long-Term and Sustained COMP-Ang1 Induces Long-Lasting Vascular Enlargement and Enhanced Blood Flow. <i>Circulation Research</i> , 2005, 97, 86-94.	4.5	123
165	Multiple angiotensin II recombinant proteins activate the Tie1 receptor tyrosine kinase and promote its interaction with Tie2. <i>Journal of Cell Biology</i> , 2005, 169, 239-243.	5.2	193
166	Expression and purification of recombinant human angiotensin II produced in Chinese hamster ovary cells. <i>Protein Expression and Purification</i> , 2005, 39, 175-183.	1.3	16
167	Biological characterization of angiotensin II and angiotensin III. <i>FASEB Journal</i> , 2004, 18, 1200-1208.	0.5	144
168	Designed angiotensin II variant, COMP-Ang1, protects against radiation-induced endothelial cell apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5553-5558.	7.1	134
169	COMP-Ang1: A designed angiotensin II variant with nonleaky angiogenic activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5547-5552.	7.1	236
170	A specific requirement for PDGF-C in palate formation and PDGFR- β signaling. <i>Nature Genetics</i> , 2004, 36, 1111-1116.	21.4	199
171	Vegfc is required for vascular development and endoderm morphogenesis in zebrafish. <i>EMBO Reports</i> , 2004, 5, 78-84.	4.5	98
172	The gut microbiota as an environmental factor that regulates fat storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15718-15723.	7.1	5,131
173	Tie2/Angiotensin II Signaling Regulates Hematopoietic Stem Cell Quiescence in the Bone Marrow Niche. <i>Cell</i> , 2004, 118, 149-161.	28.9	1,753
174	Suppression of angiogenesis by the plant alkaloid, sanguinarine. <i>Biochemical and Biophysical Research Communications</i> , 2004, 317, 618-624.	2.1	103
175	Tumor Necrosis Factor- α Induces Fractalkine Expression Preferentially in Arterial Endothelial Cells and Mithramycin A Suppresses TNF- α -Induced Fractalkine Expression. <i>American Journal of Pathology</i> , 2004, 164, 1663-1672.	3.8	79
176	Overexpression of VEGF and Angiotensin II: A Key to High Vascularity of Hepatocellular Carcinoma?. <i>Modern Pathology</i> , 2003, 16, 552-557.	5.5	187
177	Shear stress activates Tie2 receptor tyrosine kinase in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 304, 399-404.	2.1	87
178	Localization of Tie2 and phospholipase D in endothelial caveolae is involved in angiotensin II-induced MEK/ERK phosphorylation and migration in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 101-105.	2.1	38
179	Betacellulin and Amphiregulin Induce Upregulation of Cyclin D1 and DNA Synthesis Activity Through Differential Signaling Pathways in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2003, 93, 302-310.	4.5	67
180	Betacellulin induces angiogenesis through activation of mitogen-activated protein kinase and phosphatidylinositol 3-kinase in endothelial cells. <i>FASEB Journal</i> , 2003, 17, 318-320.	0.5	64

#	ARTICLE	IF	CITATIONS
181	Stretch-Activated Atrial Natriuretic Peptide Secretion in Atria with Heat Shock Protein 70 Overexpression. <i>Experimental Biology and Medicine</i> , 2003, 228, 200-206.	2.4	4
182	Inhibition of Phosphatidylinositol 3-Kinase Enhances Mitogenic Actions of Insulin in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 1794-1799.	3.4	285
183	Dose-dependent Biphasic Activity of tRNA Synthetase-associating Factor, p43, in Angiogenesis. <i>Journal of Biological Chemistry</i> , 2002, 277, 45243-45248.	3.4	99
184	Biomedical significance of endothelial cell specific growth factor, angiopoietin. <i>Experimental and Molecular Medicine</i> , 2002, 34, 1-11.	7.7	47
185	EphB ligand, ephrinB2, suppresses the VEGF and angiopoietin-induced Ras/mitogen-activated protein kinase pathway in venous endothelial cells. <i>FASEB Journal</i> , 2002, 16, 1126-1128.	0.5	164
186	A Novel Zinc Finger Protein That Inhibits Osteoclastogenesis and the Function of Tumor Necrosis Factor Receptor-associated Factor 6. <i>Journal of Biological Chemistry</i> , 2002, 277, 8346-8353.	3.4	27
187	Protective effect of adrenomedullin in mannitol-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2002, 7, 527-536.	4.9	25
188	Nuclear factor kappaB dependency of platelet-activating factor-induced angiogenesis. <i>Cancer Research</i> , 2002, 62, 1809-14.	0.9	63
189	A murine model of toluene diisocyanate-induced asthma can be treated with matrix metalloproteinase inhibitor. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 1021-1026.	2.9	61
190	Angiopoietin-1 Reduces VEGF-Stimulated Leukocyte Adhesion to Endothelial Cells by Reducing ICAM-1, VCAM-1, and E-Selectin Expression. <i>Circulation Research</i> , 2001, 89, 477-479.	4.5	326
191	Vascular Endothelial Growth Factor Expression of Intercellular Adhesion Molecule 1 (ICAM-1), Vascular Cell Adhesion Molecule 1 (VCAM-1), and E-selectin through Nuclear Factor- κ B Activation in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 7614-7620.	3.4	667
192	Angiopoietin-2 at high concentration can enhance endothelial cell survival through the phosphatidylinositol 3-kinase/Akt signal transduction pathway. <i>Oncogene</i> , 2000, 19, 4549-4552.	5.9	295
193	Angiopoietin-1 Induces Endothelial Cell Sprouting Through the Activation of Focal Adhesion Kinase and Plasmin Secretion. <i>Circulation Research</i> , 2000, 86, 952-959.	4.5	237
194	Characterization and Expression of a Novel Alternatively Spliced Human Angiopoietin-2. <i>Journal of Biological Chemistry</i> , 2000, 275, 18550-18556.	3.4	59
195	Angiopoietin-1 Regulates Endothelial Cell Survival Through the Phosphatidylinositol 3-Kinase/Akt Signal Transduction Pathway. <i>Circulation Research</i> , 2000, 86, 24-29.	4.5	573
196	Angiopoietin-1 Inhibits Irradiation- and Mannitol-Induced Apoptosis in Endothelial Cells. <i>Circulation</i> , 2000, 101, 2317-2324.	1.6	82
197	Coadministration of Angiopoietin-1 and Vascular Endothelial Growth Factor Enhances Collateral Vascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 2573-2578.	2.4	218
198	Tumor Necrosis Factor- α Upregulates Angiopoietin-2 in Human Umbilical Vein Endothelial Cells. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 361-365.	2.1	93

#	ARTICLE	IF	CITATIONS
199	Lipopolysaccharide Activates Matrix Metalloproteinase-2 in Endothelial Cells through an NF- κ B-Dependent Pathway. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 401-405.	2.1	90
200	The mouse <i>Pdgfc</i> gene: dynamic expression in embryonic tissues during organogenesis. <i>Mechanisms of Development</i> , 2000, 96, 209-213.	1.7	96
201	Molecular Cloning, Expression, and Characterization of Angiotensin-converting Enzyme-related Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 26523-26528.	3.4	179
202	Molecular cloning and characterization of a novel angiotensin-converting Enzyme-related protein, angiotensin-converting Enzyme-related protein-3. <i>FEBS Letters</i> , 1999, 443, 353-356.	2.8	64
203	Angiotensin-converting Enzyme-related protein-1 is an apoptosis survival factor for endothelial cells. <i>FEBS Letters</i> , 1999, 448, 249-253.	2.8	208
204	Persistent and Heterogeneous Expression of the Cyclin-dependent Kinase Inhibitor, p27KIP1, in Rat Hearts During Development. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 463-474.	1.9	45
205	Cell Cycle Regulators during Human Atrial Development. <i>Korean Journal of Internal Medicine</i> , 1998, 13, 77-82.	1.7	6
206	Cytoplasmic Localization of Cyclin D3 in Seminiferous Tubules during Testicular Development. <i>Experimental Cell Research</i> , 1997, 234, 27-36.	2.6	51
207	Differential and Dramatic Changes of Cyclin-dependent Kinase Activities in Cardiomyocytes During the Neonatal Period. <i>Journal of Molecular and Cellular Cardiology</i> , 1997, 29, 1767-1777.	1.9	55
208	Temporal expressions of cyclins and cyclin dependent kinases during renal development and compensatory growth. <i>Kidney International</i> , 1997, 51, 762-769.	5.2	23
209	Renal tubule regeneration after ischemic injury is coupled to the up-regulation and activation of cyclins and cyclin dependent kinases. <i>Kidney International</i> , 1997, 52, 706-714.	5.2	34
210	Molecular Determinants of the Clearance Function of Type C Receptors of Natriuretic Peptides. <i>Journal of Biological Chemistry</i> , 1996, 271, 9863-9869.	3.4	65
211	Strategies for Myocardial Repair. <i>Journal of Interventional Cardiology</i> , 1995, 8, 387-393.	1.2	14
212	Single injection of pentobarbital induces long-lasting effects on ANP synthesis and gene expression in the rat atria. <i>Life Sciences</i> , 1993, 52, 1351-1359.	4.3	15
213	Ovarian atrial natriuretic peptide during the rat estrous cycle. <i>Life Sciences</i> , 1992, 51, 1291-1299.	4.3	19
214	Sequential mechanism of atrial natriuretic peptide secretion in isolated perfused rabbit atria. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 423-431.	2.1	24
215	Presence of immunoreactive atrial natriuretic peptides in pericardial fluid of human subjects with congenital heart diseases. <i>Life Sciences</i> , 1990, 46, 1977-1983.	4.3	7
216	Phylogenetic study on the immunoreactive atrial natriuretic peptide in the heart. <i>General and Comparative Endocrinology</i> , 1989, 74, 127-135.	1.8	15

#	ARTICLE	IF	CITATIONS
217	Presence of immunoreactive atrial natriuretic peptide in follicular fluid, ovary and ovarian perfusates. <i>Life Sciences</i> , 1989, 45, 1581-1589.	4.3	31
218	Epicardial release of immunoreactive atrial natriuretic peptides in inside-out perfused rabbit atria. <i>Biochemical and Biophysical Research Communications</i> , 1988, 153, 811-817.	2.1	16
219	Characteristics of distension-induced release of immunoreactive atrial natriuretic peptide in isolated perfused rabbit atria. <i>Regulatory Peptides</i> , 1988, 22, 333-345.	1.9	67
220	Unilateral Renal Arterial Infusion and Renal Vein Catheterization in Rabbits. <i>Kidney and Blood Pressure Research</i> , 1987, 10, 93-101.	2.0	3
221	Renal and Renin Effects of Sodium Thiopental in Rabbits. <i>Kidney and Blood Pressure Research</i> , 1987, 10, 261-271.	2.0	1
222	Circannual changes in renin concentration, plasma electrolytes, and osmolality in the freshwater turtle. <i>General and Comparative Endocrinology</i> , 1987, 67, 383-389.	1.8	2