

Yihai Cao

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.

211
papers

19,958
citations

77
h-index

137
g-index

217
ext. papers

22,556
ext. citations

12
avg, IF

6.98
L-index

#	Paper	IF	Citations
211	Imaging and tracing the pattern of adult ovarian angiogenesis implies a strategy against female reproductive aging.. <i>Science Advances</i> , 2022 , 8, eabi8683	14.3	2
210	Long-term corneal recovery by simultaneous delivery of hPSC-derived corneal endothelial precursors and nicotinamide.. <i>Journal of Clinical Investigation</i> , 2022 , 132,	15.9	5
209	Intravesical delivery of -mRNA via mucoadhesive nanoparticles inhibits the metastasis of bladder cancer.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	9
208	Heterogeneity of human corneal endothelium implicates lncRNA in Fuchs endothelial corneal dystrophy.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 , 27, 880-893	10.7	0
207	Inflammatory cell-derived CXCL3 promotes pancreatic cancer metastasis through a novel myofibroblast-hijacked cancer escape mechanism. <i>Gut</i> , 2022 , 71, 129-147	19.2	26
206	The impact of VEGF on cancer metastasis and systemic disease.. <i>Seminars in Cancer Biology</i> , 2022 ,	12.7	5
205	A facile and general method for synthesis of antibiotic-free protein-based hydrogel: Wound dressing for the eradication of drug-resistant bacteria and biofilms.. <i>Bioactive Materials</i> , 2022 , 18, 446-458	16.7	5
204	Interleukin-33 is a Novel Immunosuppressor that Protects Cancer Cells from TIL Killing by a Macrophage-Mediated Shedding Mechanism (Adv. Sci. 21/2021). <i>Advanced Science</i> , 2021 , 8, 2170144	13.6	0
203	Macrophage-targeted nanomedicine for the diagnosis and treatment of atherosclerosis. <i>Nature Reviews Cardiology</i> , 2021 ,	14.8	29
202	The Polo-like kinase 1 inhibitor onvansertib represents a relevant treatment for head and neck squamous cell carcinoma resistant to cisplatin and radiotherapy. <i>Theranostics</i> , 2021 , 11, 9571-9586	12.1	1
201	A Novel Mechanism of Endoplasmic Reticulum Stress- and c-Myc-Degradation-Mediated Therapeutic Benefits of Antineurokinin-1 Receptor Drugs in Colorectal Cancer. <i>Advanced Science</i> , 2021 , 8, e2101936	13.6	3
200	The impact of the hypoxia-VEGF-vascular permeability on COVID-19-infected patients.. <i>Exploration</i> , 2021 , 1, 20210051		5
199	A specific RIP3 subpopulation of microglia promotes retinopathy through a hypoxia-triggered necroptotic mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
198	Pulmonary stromal expansion and intra-alveolar coagulation are primary causes of COVID-19 death. <i>Heliyon</i> , 2021 , 7, e07134	3.6	8
197	Perivascular cell-derived extracellular vesicles stimulate colorectal cancer revascularization after withdrawal of antiangiogenic drugs. <i>Journal of Extracellular Vesicles</i> , 2021 , 10, e12096	16.4	8
196	A novel NIR-responsive CO gas-releasing and hyperthermia-generating nanomedicine provides a curative approach for cancer therapy. <i>Nano Today</i> , 2021 , 38, 101197	17.9	7
195	Off-tumor IDO1 target engagements determine the cancer-immune set point and predict the immunotherapeutic efficacy 2021 , 9,		2

194	Molecular identity of human limbal heterogeneity involved in corneal homeostasis and privilege. <i>Ocular Surface</i> , 2021 , 21, 206-220	6.5	14
193	Nano-immunotherapy: Unique mechanisms of nanomaterials in synergizing cancer immunotherapy. <i>Nano Today</i> , 2021 , 36, 101023	17.9	16
192	Phosphodiesterase 4A confers resistance to PGE2-mediated suppression in CD25 /CD54 NK cells. <i>EMBO Reports</i> , 2021 , 22, e51329	6.5	4
191	Plk1, upregulated by HIF-2, mediates metastasis and drug resistance of clear cell renal cell carcinoma. <i>Communications Biology</i> , 2021 , 4, 166	6.7	4
190	Efficacy and tolerability of bevacizumab in patients with severe Covid-19. <i>Nature Communications</i> , 2021 , 12, 814	17.4	56
189	CETSA interaction proteomics define specific RNA-modification pathways as key components of fluorouracil-based cancer drug cytotoxicity. <i>Cell Chemical Biology</i> , 2021 ,	8.2	1
188	Nanopoxia: Targeting Cancer Hypoxia by Antimonene-Based Nanoplatfor for Precision Cancer Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2104607	15.6	7
187	Interleukin-33 is a Novel Immunosuppressor that Protects Cancer Cells from TIL Killing by a Macrophage-Mediated Shedding Mechanism. <i>Advanced Science</i> , 2021 , 8, e2101029	13.6	6
186	miR-125a-5p impairs the metastatic potential in breast cancer via IPK1 targeting. <i>Cancer Letters</i> , 2021 , 520, 48-56	9.9	6
185	Prodrug-Loaded Zirconium Carbide Nanosheets as a Novel Biophotonic Nanoplatfor for Effective Treatment of Cancer. <i>Advanced Science</i> , 2020 , 7, 2001191	13.6	17
184	Eradication of tumor growth by delivering novel photothermal selenium-coated tellurium nanoheterojunctions. <i>Science Advances</i> , 2020 , 6, eaay6825	14.3	62
183	Aldehyde Dehydrogenase 2 Protects Against Post-Cardiac Arrest Myocardial Dysfunction Through a Novel Mechanism of Suppressing Mitochondrial Reactive Oxygen Species Production. <i>Frontiers in Pharmacology</i> , 2020 , 11, 373	5.6	13
182	A materials-science perspective on tackling COVID-19. <i>Nature Reviews Materials</i> , 2020 , 1-14	73.3	123
181	Fast, In Vivo Model for Drug-Response Prediction in Patients with B-Cell Precursor Acute Lymphoblastic Leukemia. <i>Cancers</i> , 2020 , 12,	6.6	6
180	Mitochondrial DNA: A New Predictor of Diabetic Kidney Disease. <i>International Journal of Endocrinology</i> , 2020 , 2020, 3650937	2.7	4
179	Macrophage K63-Linked Ubiquitination of YAP Promotes Its Nuclear Localization and Exacerbates Atherosclerosis. <i>Cell Reports</i> , 2020 , 32, 107990	10.6	27
178	Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors. <i>Nature Communications</i> , 2020 , 11, 3704	17.4	25
177	In situ sprayed NIR-responsive, analgesic black phosphorus-based gel for diabetic ulcer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28667-28677	11.5	123

176	Visualization of human T lymphocyte-mediated eradication of cancer cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 22910-22919	11.5	19
175	Synchronized tissue-scale vasculogenesis and ubiquitous lateral sprouting underlie the unique architecture of the choriocapillaris. <i>Developmental Biology</i> , 2020 , 457, 206-214	3.1	2
174	Regorafenib induces lethal autophagy arrest by stabilizing PSAT1 in glioblastoma. <i>Autophagy</i> , 2020 , 16, 106-122	10.2	39
173	Endothelial life discontinues without Erk. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1730-1732	16.6	1
172	Neurokinin-1 receptor is an effective target for treating leukemia by inducing oxidative stress through mitochondrial calcium overload. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19635-19645	11.5	31
171	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1402-1418	9.4	15
170	Bladder drug mirabegron exacerbates atherosclerosis through activation of brown fat-mediated lipolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10937-10942	11.5	26
169	Apelin inhibition prevents resistance and metastasis associated with anti-angiogenic therapy. <i>EMBO Molecular Medicine</i> , 2019 , 11, e9266	12	45
168	Adipocyte and lipid metabolism in cancer drug resistance. <i>Journal of Clinical Investigation</i> , 2019 , 129, 3006-3017	15.9	103
167	CETSA-based target engagement of taxanes as biomarkers for efficacy and resistance. <i>Scientific Reports</i> , 2019 , 9, 19384	4.9	10
166	Dual roles of endothelial FGF-2-FGFR1-PDGF-BB and perivascular FGF-2-FGFR2-PDGFRβ signaling pathways in tumor vascular remodeling. <i>Cell Discovery</i> , 2018 , 4, 3	22.3	25
165	Ablation of endothelial VEGFR1 improves metabolic dysfunction by inducing adipose tissue browning. <i>Journal of Experimental Medicine</i> , 2018 , 215, 611-626	16.6	34
164	Novel concept of the smart NIR-light-controlled drug release of black phosphorus nanostructure for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 501-506	11.5	518
163	Targeting PDGF-mediated recruitment of pericytes blocks vascular mimicry and tumor growth. <i>Journal of Pathology</i> , 2018 , 246, 447-458	9.4	39
162	Obesity Protects Cancer from Drugs Targeting Blood Vessels. <i>Cell Metabolism</i> , 2018 , 27, 1163-1165	24.6	5
161	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1106-1124	15.9	126
160	Molecular mechanisms of IL-33-mediated stromal interactions in cancer metastasis. <i>JCI Insight</i> , 2018 , 3,	9.9	53
159	Decreased Expression of Vascular Endothelial Growth Factor Receptor 1 Contributes to the Pathogenesis of Hereditary Hemorrhagic Telangiectasia Type 2. <i>Circulation</i> , 2018 , 138, 2698-2712	16.7	18

158	VEGF-B is a potent antioxidant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10351-10356	11.5	25
157	Cancer Lipid Metabolism Confers Antiangiogenic Drug Resistance. <i>Cell Metabolism</i> , 2018 , 28, 104-117.e524.6	102	
156	A novel mechanism of the M1-M2 methionine adenosyltransferase switch-mediated hepatocellular carcinoma metastasis. <i>Molecular Carcinogenesis</i> , 2018 , 57, 1201-1212	5	5
155	A Zebrafish Model Discovers a Novel Mechanism of Stromal Fibroblast-Mediated Cancer Metastasis. <i>Clinical Cancer Research</i> , 2017 , 23, 4769-4779	12.9	51
154	MicroRNA-26a and -26b inhibit lens fibrosis and cataract by negatively regulating Jagged-1/Notch signaling pathway. <i>Cell Death and Differentiation</i> , 2017 , 24, 1431-1442	12.7	45
153	Maintenance of antiangiogenic and antitumor effects by orally active low-dose capecitabine for long-term cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E5226-E5235	11.5	15
152	Off-tumor targets compromise antiangiogenic drug sensitivity by inducing kidney erythropoietin production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9635-E9644	11.5	7
151	Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10737-10742	11.5	24
150	A miR-327-FGF10-FGFR2-mediated autocrine signaling mechanism controls white fat browning. <i>Nature Communications</i> , 2017 , 8, 2079	17.4	35
149	Estrogen Receptor Promotes Breast Cancer by Reprogramming Choline Metabolism. <i>Cancer Research</i> , 2016 , 76, 5634-5646	10.1	34
148	Resveratrol analogue 4,4-dihydroxy-trans-stilbene potently inhibits cancer invasion and metastasis. <i>Scientific Reports</i> , 2016 , 6, 19973	4.9	31
147	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. <i>Nature Communications</i> , 2016 , 7, 12152	17.4	55
146	Discontinuation of anti-VEGF cancer therapy promotes metastasis through a liver revascularization mechanism. <i>Nature Communications</i> , 2016 , 7, 12680	17.4	70
145	The PDGF-BB-SOX7 axis-modulated IL-33 in pericytes and stromal cells promotes metastasis through tumour-associated macrophages. <i>Nature Communications</i> , 2016 , 7, 11385	17.4	80
144	MT1-MMP sheds LYVE-1 on lymphatic endothelial cells and suppresses VEGF-C production to inhibit lymphangiogenesis. <i>Nature Communications</i> , 2016 , 7, 10824	17.4	51
143	Future options of anti-angiogenic cancer therapy. <i>Chinese Journal of Cancer</i> , 2016 , 35, 21		35
142	Endocrine vasculatures are preferable targets of an antitumor ineffective low dose of anti-VEGF therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 4158-63	11.5	18
141	Residential Proximity to Major Roadways and Risk of Type 2 Diabetes Mellitus: A Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 14,	4.6	6

140	Co-option of pre-existing vascular beds in adipose tissue controls tumor growth rates and angiogenesis. <i>Oncotarget</i> , 2016 , 7, 38282-38291	3.3	20
139	Pericyte-fibroblast transition promotes tumor growth and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5618-27	11.5	150
138	CCL2 and CCL5 Are Novel Therapeutic Targets for Estrogen-Dependent Breast Cancer. <i>Clinical Cancer Research</i> , 2015 , 21, 3794-805	12.9	131
137	VEGF-B-Neuropilin-1 signaling is spatiotemporally indispensable for vascular and neuronal development in zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5944-53	11.5	24
136	Collaborative effects between the TNF- α /TNFR1-macrophage axis and the VEGF-C-VEGFR3 signaling in lymphangiogenesis and metastasis. <i>Oncotarget</i> , 2015 , 4, e989777	7.2	7
135	Novel mechanism of macrophage-mediated metastasis revealed in a zebrafish model of tumor development. <i>Cancer Research</i> , 2015 , 75, 306-15	10.1	90
134	Invasiveness and metastasis of retinoblastoma in an orthotopic zebrafish tumor model. <i>Scientific Reports</i> , 2015 , 5, 10351	4.9	29
133	PLGF-induced VEGFR1-dependent vascular remodeling determines opposing antitumor effects and drug resistance to DLL4-Notch inhibitors. <i>Science Advances</i> , 2015 , 1, e1400244	14.3	14
132	VEGF-B promotes cancer metastasis through a VEGF-A-independent mechanism and serves as a marker of poor prognosis for cancer patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E2900-9	11.5	85
131	Environmental changes in oxygen tension reveal ROS-dependent neurogenesis and regeneration in the adult newt brain. <i>ELife</i> , 2015 , 4,	8.9	39
130	Genome-wide profiling of AP-1-regulated transcription provides insights into the invasiveness of triple-negative breast cancer. <i>Cancer Research</i> , 2014 , 74, 3983-94	10.1	77
129	Brown adipose tissue, thermogenesis, angiogenesis: pathophysiological aspects. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014 , 19, 5-11	1.3	8
128	TNFR1 mediates TNF- α -induced tumour lymphangiogenesis and metastasis by modulating VEGF-C-VEGFR3 signalling. <i>Nature Communications</i> , 2014 , 5, 4944	17.4	112
127	VEGF-targeted cancer therapeutics-paradoxical effects in endocrine organs. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 530-9	15.2	68
126	Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14806-11	11.5	21
125	Modulation of age-related insulin sensitivity by VEGF-dependent vascular plasticity in adipose tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14906-11	11.5	43
124	Angiogenesis as a therapeutic target for obesity and metabolic diseases. <i>Chemical Immunology and Allergy</i> , 2014 , 99, 170-9		25
123	VEGFR2-mediated vascular dilation as a mechanism of VEGF-induced anemia and bone marrow cell mobilization. <i>Cell Reports</i> , 2014 , 9, 569-80	10.6	21

122	Hypoxia-induced and calpain-dependent cleavage of filamin A regulates the hypoxic response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2560-5	11.5	45
121	Mutant p53-associated myosin-X upregulation promotes breast cancer invasion and metastasis. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1069-82	15.9	111
120	Tumour PDGF-BB expression levels determine dual effects of anti-PDGF drugs on vascular remodelling and metastasis. <i>Nature Communications</i> , 2013 , 4, 2129	17.4	77
119	Cold exposure promotes atherosclerotic plaque growth and instability via UCP1-dependent lipolysis. <i>Cell Metabolism</i> , 2013 , 18, 118-29	24.6	148
118	Monitoring drug target engagement in cells and tissues using the cellular thermal shift assay. <i>Science</i> , 2013 , 341, 84-7	33.3	982
117	Angiogenesis and vascular functions in modulation of obesity, adipose metabolism, and insulin sensitivity. <i>Cell Metabolism</i> , 2013 , 18, 478-89	24.6	190
116	Erythropoietin in cancer: a dilemma in risk therapy. <i>Trends in Endocrinology and Metabolism</i> , 2013 , 24, 190-9	8.8	29
115	Multifarious functions of PDGFs and PDGFRs in tumor growth and metastasis. <i>Trends in Molecular Medicine</i> , 2013 , 19, 460-73	11.5	126
114	Clock controls angiogenesis. <i>Cell Cycle</i> , 2013 , 12, 405-8	4.7	27
113	Tumor cell-derived placental growth factor sensitizes antiangiogenic and antitumor effects of anti-VEGF drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 654-9	11.5	55
112	Vascular endothelial growth factor-dependent spatiotemporal dual roles of placental growth factor in modulation of angiogenesis and tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 13932-7	11.5	55
111	Glutaredoxin regulates vascular development by reversible glutathionylation of sirtuin 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 20057-62	11.5	66
110	Anti-VEGF- and anti-VEGF receptor-induced vascular alteration in mouse healthy tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12018-23	11.5	91
109	Cold-induced activation of brown adipose tissue and adipose angiogenesis in mice. <i>Nature Protocols</i> , 2012 , 7, 606-15	18.8	112
108	Collaborative interplay between FGF-2 and VEGF-C promotes lymphangiogenesis and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15894-9	11.5	160
107	MT1-MMP inactivates ADAM9 to regulate FGFR2 signaling and calvarial osteogenesis. <i>Developmental Cell</i> , 2012 , 22, 1176-90	10.2	51
106	When MT1-MMP meets ADAMs. <i>Cell Cycle</i> , 2012 , 11, 2793-8	4.7	12
105	Antiangiogenic cancer therapy: why do mouse and human patients respond in a different way to the same drug?. <i>International Journal of Developmental Biology</i> , 2011 , 55, 557-62	1.9	27

104	Mouse corneal lymphangiogenesis model. <i>Nature Protocols</i> , 2011 , 6, 817-26	18.8	66
103	Forty-year journey of angiogenesis translational research. <i>Science Translational Medicine</i> , 2011 , 3, 114rv317.5	17.5	144
102	Arteriogenic therapy by intramyocardial sustained delivery of a novel growth factor combination prevents chronic heart failure. <i>Circulation</i> , 2011 , 124, 1059-69	16.7	74
101	It's hard to keep all things angiogenic in one JAR!. <i>Vascular Cell</i> , 2011 , 3, 1	1	8
100	Zebrafish models to study hypoxia-induced pathological angiogenesis in malignant and nonmalignant diseases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2011 , 93, 182-93		25
99	Antiangiogenic agents significantly improve survival in tumor-bearing mice by increasing tolerance to chemotherapy-induced toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4117-22	11.5	47
98	Hypoxia-induced retinopathy model in adult zebrafish. <i>Nature Protocols</i> , 2010 , 5, 1903-10	18.8	64
97	Hypoxia-induced metastasis model in embryonic zebrafish. <i>Nature Protocols</i> , 2010 , 5, 1911-8	18.8	89
96	Adipose angiogenesis: quantitative methods to study microvessel growth, regression and remodeling in vivo. <i>Nature Protocols</i> , 2010 , 5, 912-20	18.8	53
95	Adipose tissue angiogenesis as a therapeutic target for obesity and metabolic diseases. <i>Nature Reviews Drug Discovery</i> , 2010 , 9, 107-15	64.1	281
94	VEGFR1-mediated pericyte ablation links VEGF and PlGF to cancer-associated retinopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 856-61	11.5	82
93	Survival effect of PDGF-CC rescues neurons from apoptosis in both brain and retina by regulating GSK3beta phosphorylation. <i>Journal of Experimental Medicine</i> , 2010 , 207, 867-80	16.6	91
92	Off-tumor target--beneficial site for antiangiogenic cancer therapy?. <i>Nature Reviews Clinical Oncology</i> , 2010 , 7, 604-8	19.4	41
91	Angiotensin-converting enzyme 2 attenuates atherosclerotic lesions by targeting vascular cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15886-91	11.5	100
90	PDGF-CC blockade inhibits pathological angiogenesis by acting on multiple cellular and molecular targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12216-21	11.5	62
89	Pathological angiogenesis facilitates tumor cell dissemination and metastasis. <i>Cell Cycle</i> , 2010 , 9, 913-7	4.7	47
88	Cancer-associated retinopathy: a new mechanistic insight on vascular remodeling. <i>Cell Cycle</i> , 2010 , 9, 1882-5	4.7	19
87	Optimizing the delivery of cancer drugs that block angiogenesis. <i>Science Translational Medicine</i> , 2010 , 2, 15ps3	17.5	59

86	Wake-up call for endothelial cells. <i>Blood</i> , 2010 , 115, 2336-7	2.2	5
85	Angiogenesis: What can it offer for future medicine?. <i>Experimental Cell Research</i> , 2010 , 316, 1304-8	4.2	30
84	Therapeutic angiogenesis for ischemic disorders: what is missing for clinical benefits?. <i>Discovery Medicine</i> , 2010 , 9, 179-84	2.5	18
83	Differential roles of PDGFR-alpha and PDGFR-beta in angiogenesis and vessel stability. <i>FASEB Journal</i> , 2009 , 23, 153-63	0.9	126
82	Malignant cell-derived PlGF promotes normalization and remodeling of the tumor vasculature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 17505-10	11.5	60
81	Nitric oxide permits hypoxia-induced lymphatic perfusion by controlling arterial-lymphatic conduits in zebrafish and glass catfish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 18408-13	11.5	40
80	VEGF-B is dispensable for blood vessel growth but critical for their survival, and VEGF-B targeting inhibits pathological angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 6152-7	11.5	208
79	Positive and negative modulation of angiogenesis by VEGFR1 ligands. <i>Science Signaling</i> , 2009 , 2, re1	8.8	195
78	Hypoxia-induced pathological angiogenesis mediates tumor cell dissemination, invasion, and metastasis in a zebrafish tumor model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 19485-90	11.5	204
77	Improvement of antiangiogenic cancer therapy by understanding the mechanisms of angiogenic factor interplay and drug resistance. <i>Seminars in Cancer Biology</i> , 2009 , 19, 338-43	12.7	52
76	Hypoxia-independent angiogenesis in adipose tissues during cold acclimation. <i>Cell Metabolism</i> , 2009 , 9, 99-109	24.6	251
75	Tumor-derived VEGF modulates hematopoiesis. <i>Journal of Angiogenesis Research</i> , 2009 , 1, 9		20
74	Selective inhibition of retinal angiogenesis by targeting PI3 kinase. <i>PLoS ONE</i> , 2009 , 4, e7867	3.7	57
73	Tumor angiogenesis and molecular targets for therapy. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 3962-73	2.3	65
72	Why and how do tumors stimulate lymphangiogenesis?. <i>Lymphatic Research and Biology</i> , 2008 , 6, 145-8	2.3	21
71	Characterization of neuroprogenitor cells expressing the PDGF beta-receptor within the subventricular zone of postnatal mice. <i>Molecular and Cellular Neurosciences</i> , 2008 , 37, 507-18	4.8	46
70	A novel gene expression profile in lymphatics associated with tumor growth and nodal metastasis. <i>Cancer Research</i> , 2008 , 68, 7293-303	10.1	90
69	Molecular mechanisms and therapeutic development of angiogenesis inhibitors. <i>Advances in Cancer Research</i> , 2008 , 100, 113-31	5.9	48

68	Anti-VEGF agents confer survival advantages to tumor-bearing mice by improving cancer-associated systemic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18513-8	11.5	56
67	FOXC2 controls Ang-2 expression and modulates angiogenesis, vascular patterning, remodeling, and functions in adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10167-72	11.5	87
66	Vascular endothelial growth factor-A and platelet-derived growth factor-B combination gene therapy prolongs angiogenic effects via recruitment of interstitial mononuclear cells and paracrine effects rather than improved pericyte coverage of angiogenic vessels. <i>Circulation Research</i> , 2008 , 103, 1092-9	15.7	62
65	A review of Judah Folkman's remarkable achievements in biomedicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13203-5	11.5	41
64	R Regulation of tumor angiogenesis and metastasis by FGF and PDGF signaling pathways. <i>Journal of Molecular Medicine</i> , 2008 , 86, 785-9	5.5	142
63	VEGF-B inhibits apoptosis via VEGFR-1-mediated suppression of the expression of BH3-only protein genes in mice and rats. <i>Journal of Clinical Investigation</i> , 2008 , 118, 913-23	15.9	126
62	Hypoxia-induced retinal angiogenesis in zebrafish as a model to study retinopathy. <i>PLoS ONE</i> , 2008 , 3, e2748	3.7	110
61	Intra- and extracellular signaling by endothelial neuregulin-1. <i>Experimental Cell Research</i> , 2007 , 313, 2896-909	15.9	40
60	Angiogenesis modulates adipogenesis and obesity. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2362-8	15.9	496
59	Filamin B deficiency in mice results in skeletal malformations and impaired microvascular development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3919-24	11.5	96
58	IL-20 is an arteriogenic cytokine that remodels collateral networks and improves functions of ischemic hind limbs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15364-9	11.5	54
57	Combinatorial protein therapy of angiogenic and arteriogenic factors remarkably improves collateralogenesis and cardiac function in pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12140-5	11.5	90
56	Tumor-derived lymphangiogenic factors and lymphatic metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2007 , 61, 534-9	7.5	27
55	Therapeutic targets of multiple angiogenic factors for the treatment of cancer and metastasis. <i>Advances in Cancer Research</i> , 2007 , 97, 203-24	5.9	54
54	Angiogenic factors FGF2 and PDGF-BB synergistically promote murine tumor neovascularization and metastasis. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2766-77	15.9	224
53	Cell-type-specific regulation of degradation of hypoxia-inducible factor 1 alpha: role of subcellular compartmentalization. <i>Molecular and Cellular Biology</i> , 2006 , 26, 4628-41	4.8	49
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