

# CITATION REPORT

List of articles citing

## Basic and therapeutic aspects of angiogenesis

DOI: 10.1016/j.cell.2011.08.039  
Cell, 2011, 146, 873-87.

**Source:** <https://exaly.com/paper-pdf/50241470/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
2083	MicroRNA-503 and the extended microRNA-16 family in angiogenesis. <b>2011</b> , 21, 162-6		66
2082	Disruption of embryonic vascular development in predictive toxicology. <b>2011</b> , 93, 312-23		61
2081	Endothelial nitric oxide synthase controls the expression of the angiogenesis inhibitor thrombospondin 2. <b>2011</b> , 108, E1137-45		54
2080	SRPK1 inhibition in vivo: modulation of VEGF splicing and potential treatment for multiple diseases. <b>2012</b> , 40, 831-5		35
2079	MOSAIC: a multiscale model of osteogenesis and sprouting angiogenesis with lateral inhibition of endothelial cells. <b>2012</b> , 8, e1002724		55
2078	Generation of functional blood vessels from a single c-kit+ adult vascular endothelial stem cell. <b>2012</b> , 10, e1001407		120
2077	Growth and regression of vasculature in healthy and diabetic mice after hindlimb ischemia. <b>2012</b> , 303, R48-56		17
2076	Born to die: blood vessel regression research coming of age. <b>2012</b> , 125, 3063-5		8
2075	Targeting olfactomedin-like 3 inhibits tumor growth by impairing angiogenesis and pericyte coverage. <b>2012</b> , 11, 2588-99		29
2074	Quantifying tissue microvasculature with speckle variance optical coherence tomography. <b>2012</b> , 37, 3180-2		38
2073	Angiogenic deficiency and adipose tissue dysfunction are associated with macrophage malfunction in SIRT1-/- mice. <b>2012</b> , 153, 1706-16		49
2072	The SDF-1/CXCR4 axis in stem cell preconditioning. <b>2012</b> , 94, 400-7		96
2071	A roundabout way to cancer. <b>2012</b> , 114, 187-235		75
2070	Endothelial cell metabolism and implications for cancer therapy. <b>2012</b> , 107, 1207-12		59
2069	Tmem100, an ALK1 receptor signaling-dependent gene essential for arterial endothelium differentiation and vascular morphogenesis. <b>2012</b> , 109, 12064-9		71
2068	Docosahexaenoic acid and angiogenesis: a role in early placentation. <b>2012</b> , 7, 303-312		4
2067	S1P1 inhibits sprouting angiogenesis during vascular development. <b>2012</b> , 139, 3859-69		77

2066	New vessels after stroke: postischemic neovascularization and regeneration. <b>2012</b> , 33, 492-9	66
2065	Intussusceptive angiogenesis: a biologically relevant form of angiogenesis. <b>2012</b> , 49, 390-404	119
2064	Gene variants in the angiogenesis pathway and prostate cancer. <b>2012</b> , 33, 1259-69	30
2063	Nondestructive, serial in vivo imaging of a tissue-flap using a tissue adhesion barrier. <b>2012</b> , 1, 69-76	7
2062	ERK-dependent activation of Sp1 is required for low-power laser irradiation-induced vascular endothelial cell proliferation. <b>2012</b> ,	
2061	Cortisol Regulation in Patients with Type 2 Diabetes and the Metabolic Syndrome. <b>2012</b> , 12, 245-256	1
2060	CD146 is a coreceptor for VEGFR-2 in tumor angiogenesis. <b>2012</b> , 120, 2330-9	129
2059	Towards the biomarker-guided rational use of antiangiogenic agents in the treatment of metastatic colorectal cancer. <b>2012</b> , 1, 149-161	6
2058	A new level of complexity: the role of microRNAs in cardiovascular development. <b>2012</b> , 110, 1000-13	86
2057	Lycorine hydrochloride inhibits metastatic melanoma cell-dominant vasculogenic mimicry. <b>2012</b> , 25, 630-8	45
2056	Resistance and escape from antiangiogenesis therapy: clinical implications and future strategies. <b>2012</b> , 30, 4026-34	162
2055	Proteomics identification of annexin A2 as a key mediator in the metastasis and proangiogenesis of endometrial cells in human adenomyosis. <b>2012</b> , 11, M112.017988	62
2054	Vascular endothelial growth factor (VEGF) receptors: drugs and new inhibitors. <b>2012</b> , 55, 10797-822	124
2053	Methods for analysis of the cancer microenvironment and their potential for disease prediction, monitoring and personalized treatments. <b>2012</b> , 3, 7	4
2052	Chlorophyllin abrogates canonical Wnt/ $\beta$ -catenin signaling and angiogenesis to inhibit the development of DMBA-induced hamster cheek pouch carcinomas. <b>2012</b> , 35, 385-95	14
2051	Towards integrative annotation of the cell-type specific gene functional and signaling map in vascular endothelial cells. <b>2012</b> , 8, 2041-9	3
2050	Extrinsic Notch ligand Delta-like 1 regulates tip cell selection and vascular branching morphogenesis. <b>2012</b> , 110, 530-5	35
2049	Slit-Robo: a potential way to treat periodontitis. <b>2012</b> , 79, 186-8	5

2048	ALK1 signaling inhibits angiogenesis by cooperating with the Notch pathway. <b>2012</b> , 22, 489-500	267
2047	Secreted miRNAs suppress atherogenesis. <b>2012</b> , 14, 233-5	13
2046	Microvascular repair: post-angiogenesis vascular dynamics. <b>2012</b> , 19, 676-95	34
2045	Transfusion-related acute gut injury: feeding, flora, flow, and barrier defense. <b>2012</b> , 36, 294-305	48
2044	Mediterranean diet polyphenols reduce inflammatory angiogenesis through MMP-9 and COX-2 inhibition in human vascular endothelial cells: a potentially protective mechanism in atherosclerotic vascular disease and cancer. <b>2012</b> , 527, 81-9	238
2043	Rhizoma Paridis ethanol extract selectively inhibits the proliferation of HUVECs comparing to Lovo cells and shows anti-angiogenesis effects in a mouse model. <b>2012</b> , 143, 256-61	5
2042	Dynamic regulation of the cerebral cavernous malformation pathway controls vascular stability and growth. <b>2012</b> , 23, 342-55	40
2041	The sphingosine-1-phosphate receptor S1PR1 restricts sprouting angiogenesis by regulating the interplay between VE-cadherin and VEGFR2. <b>2012</b> , 23, 587-99	223
2040	Combining angiogenesis inhibition and radiotherapy: a double-edged sword. <b>2012</b> , 15, 173-82	57
2039	Soluble fms-like tyrosine kinase 1 and soluble endoglin are elevated circulating anti-angiogenic factors in pre-eclampsia. <b>2012</b> , 2, 358-67	19
2038	The biology of personalized cancer medicine: facing individual complexities underlying hallmark capabilities. <b>2012</b> , 6, 111-27	118
2037	Tissue engineering: Blood vessels on a chip. <b>2012</b> , 488, 465-6	39
2036	Trial watch: Prognostic and predictive value of the immune infiltrate in cancer. <b>2012</b> , 1, 1323-1343	173
2035	Mechanisms of vessel regression: toward an understanding of the resolution of angiogenesis. <b>2013</b> , 367, 3-32	59
2034	Resistance to targeted therapies in pancreatic neuroendocrine tumors (PNETs): molecular basis, preclinical data, and counteracting strategies. <b>2012</b> , 7, 173-81	19
2033	Deciphering the Key Features of Malignant Tumor Microenvironment for Anti-cancer Therapy. <b>2012</b> , 5, 211-23	11
2032	Cancer imaging by optical coherence tomography: preclinical progress and clinical potential. <b>2012</b> , 12, 363-8	199
2031	Plant nutrition: Rooting for more phosphorus. <b>2012</b> , 488, 466-7	107

2030	miR-20a represses endothelial cell migration by targeting MKK3 and inhibiting p38 MAP kinase activation in response to VEGF. <b>2012</b> , 15, 593-608	45
2029	The acute phase reactant orosomucoid-1 is a bimodal regulator of angiogenesis with time- and context-dependent inhibitory and stimulatory properties. <b>2012</b> , 7, e41387	36
2028	Visualization of endothelial actin cytoskeleton in the mouse retina. <b>2012</b> , 7, e47488	32
2027	Imaging key biomarkers of tumor angiogenesis. <b>2012</b> , 2, 502-15	64
2026	Angiogenesis in Chronic Obstructive Pulmonary Disease. <b>2012</b> ,	0
2025	Angiogenesis and AngiomiRs in Non-Hodgkin' Lymphomas. <b>2012</b> , 1, 20-25	1
2024	Protocadherin-10 is involved in angiogenesis and methylation correlated with multiple myeloma. <b>2012</b> , 29, 704-10	18
2023	A tale of coronary artery disease and myocardial infarction. <b>2012</b> , 366, 54-63	618
2022	FOXOs and sirtuins in vascular growth, maintenance, and aging. <b>2012</b> , 110, 1238-51	115
2021	Partners in crime: VEGF and IL-4 conscript tumour-promoting macrophages. <b>2012</b> , 227, 4-7	18
2020	Bevacizumab: overview of the literature. <b>2012</b> , 12, 567-80	66
2019	VEGF gene therapy: therapeutic angiogenesis in the clinic and beyond. <b>2012</b> , 19, 622-9	165
2018	Hypoxia-driven pathways in bone development, regeneration and disease. <b>2012</b> , 8, 358-66	186
2017	Organ repair and regeneration: an overview. <b>2012</b> , 96, 1-29	89
2016	Progress in tumor vascular normalization for anticancer therapy: challenges and perspectives. <b>2012</b> , 6, 67-78	35
2015	Correlation of expression of hypoxia-related proteins with prognosis in oral squamous cell carcinoma patients. <b>2012</b> , 16, 189-96	48
2014	Glioblastoma angiogenesis: VEGF resistance solutions and new strategies based on molecular mechanisms of tumor vessel formation. <b>2012</b> , 29, 73-86	34
2013	c-ABL modulates MAP kinases activation downstream of VEGFR-2 signaling by direct phosphorylation of the adaptor proteins GRB2 and NCK1. <b>2012</b> , 15, 187-97	23

2012	VEGF signaling inside vascular endothelial cells and beyond. <b>2012</b> , 24, 188-93	178
2011	Low-power laser irradiation (LPLI) promotes VEGF expression and vascular endothelial cell proliferation through the activation of ERK/Sp1 pathway. <b>2012</b> , 24, 1116-25	63
2010	Evaluation of the anti-angiogenic potential of hydroxytyrosol and tyrosol, two bio-active phenolic compounds of extra virgin olive oil, in endothelial cell cultures. <b>2012</b> , 134, 134-140	43
2009	Inhibition of farnesyltransferase reduces angiogenesis by interrupting endothelial cell migration. <b>2012</b> , 83, 1374-82	8
2008	Functional and pharmacological characterization of a VEGF mimetic peptide on reparative angiogenesis. <b>2012</b> , 84, 303-11	80
2007	Plaque neovascularization: defense mechanisms, betrayal, or a war in progress. <b>2012</b> , 1254, 7-17	55
2006	Surgical inflammatory stress: the embryo takes hold of the reins again. <b>2013</b> , 10, 6	7
2005	Angiogenesis in the infarcted myocardium. <b>2013</b> , 18, 1100-13	164
2004	Notch4 is required for tumor onset and perfusion. <b>2013</b> , 5, 7	11
2003	Restoring stem cell mobilization to promote vascular repair in diabetes. <b>2013</b> , 58, 253-8	19
2002	The admIR-able advances in cardiovascular biology through the zebrafish model system. <b>2013</b> , 70, 2489-503	3
2001	Role and regulation of vascularization processes in endochondral bones. <b>2013</b> , 92, 307-23	96
2000	Targeted inhibition of VEGF receptor 2: an update on ramucirumab. <b>2013</b> , 13, 1187-96	85
1999	Predicting the future: towards symbiotic computational and experimental angiogenesis research. <b>2013</b> , 319, 1240-6	23
1998	Tumor angiogenesis: a new source of pericytes. <b>2013</b> , 23, R565-8	17
1997	Tumor cell-mediated neovascularization and lymphangiogenesis contrive tumor progression and cancer metastasis. <b>2013</b> , 1836, 273-86	41
1996	Multifunctional polyurethane-urea nanoparticles to target and arrest inflamed vascular environment: a potential tool for cancer therapy and diagnosis. <b>2013</b> , 171, 163-71	34
1995	Steady and pulsatile shear stress induce different three-dimensional endothelial networks through pseudopodium formation. <b>2013</b> , 27, 38-48	2

1994	Inhibition of the angiogenesis and growth of Aloin in human colorectal cancer in vitro and in vivo. <b>2013</b> , 13, 69	48
1993	Regulation of angiogenesis by PI3K signaling networks. <b>2013</b> , 319, 1348-55	71
1992	Role of PFKFB3-driven glycolysis in vessel sprouting. <i>Cell</i> , <b>2013</b> , 154, 651-63	56.2 798
1991	4-methylumbelliferone inhibits angiogenesis in vitro and in vivo. <b>2013</b> , 61, 4063-71	29
1990	Sunitinib does not accelerate tumor growth in patients with metastatic renal cell carcinoma. <b>2013</b> , 3, 277-81	30
1989	CGKRK-modified nanoparticles for dual-targeting drug delivery to tumor cells and angiogenic blood vessels. <b>2013</b> , 34, 9496-508	63
1988	PP2A regulatory subunit B $\alpha$ controls endothelial contractility and vessel lumen integrity via regulation of HDAC7. <b>2013</b> , 32, 2491-503	29
1987	Role of endothelial cell metabolism in vessel sprouting. <b>2013</b> , 18, 634-47	254
1986	The VEGF pathway in lung cancer. <b>2013</b> , 72, 1169-81	52
1985	MicroRNA control of vascular endothelial growth factor signaling output during vascular development. <b>2013</b> , 33, 193-200	55
1984	Antitumor efficacy of a recombinant adenovirus encoding endostatin combined with an E1B55KD-deficient adenovirus in gastric cancer cells. <b>2013</b> , 11, 257	13
1983	Innovations in studying in vivo cell behavior and pharmacology in complex tissues--microvascular endothelial cells in the spotlight. <b>2013</b> , 354, 647-69	14
1982	Biology of brain metastases and novel targeted therapies: time to translate the research. <b>2013</b> , 1835, 61-75	28
1981	Reciprocal interactions between endothelial cells and macrophages in angiogenic vascular niches. <b>2013</b> , 319, 1626-34	71
1980	Induction of Angiogenesis and Vasculogenesis in Cell-Embedded Biomaterials. <b>2013</b> , 53, n/a-n/a	
1979	Synergy between a collagen IV mimetic peptide and a somatotropin-domain derived peptide as angiogenesis and lymphangiogenesis inhibitors. <b>2013</b> , 16, 159-70	16
1978	Dynamic Regulation of Integrin $\beta$ During Angiogenesis: Potential Implications for Pathogenic Wound Healing. <b>2013</b> , 2, 401-409	7
1977	Paracrine release from nonviral engineered adipose-derived stem cells promotes endothelial cell survival and migration in vitro. <b>2013</b> , 22, 483-91	31

1976	Structural basis for angiotensin-1-mediated signaling initiation. <b>2013</b> , 110, 7205-10	46
1975	Endothelial cell-dependent regulation of arteriogenesis. <b>2013</b> , 113, 1076-86	50
1974	Pericytes modulate endothelial sprouting. <b>2013</b> , 100, 492-500	45
1973	The angiogenic properties of mesenchymal stem/stromal cells and their therapeutic potential. <b>2013</b> , 108, 25-53	168
1972	Cancer-stromal cell interactions mediated by hypoxia-inducible factors promote angiogenesis, lymphangiogenesis, and metastasis. <b>2013</b> , 32, 4057-63	155
1971	Markers of response for the antiangiogenic agent bevacizumab. <b>2013</b> , 31, 1219-30	272
1970	Systemic VEGF inhibition accelerates experimental atherosclerosis and disrupts endothelial homeostasis--implications for cardiovascular safety. <b>2013</b> , 168, 2453-61	65
1969	CASZ1 promotes vascular assembly and morphogenesis through the direct regulation of an EGFL7/RhoA-mediated pathway. <b>2013</b> , 25, 132-43	49
1968	Lycorine hydrochloride selectively inhibits human ovarian cancer cell proliferation and tumor neovascularization with very low toxicity. <b>2013</b> , 218, 174-85	67
1967	The promotion of endothelial cell attachment and spreading using FNIII10 fused to VEGF-A165. <b>2013</b> , 34, 5958-68	36
1966	Tumour vasculogenic mimicry is associated with poor prognosis of human cancer patients: a systemic review and meta-analysis. <b>2013</b> , 49, 3914-23	159
1965	Control of vessel sprouting by genetic and metabolic determinants. <b>2013</b> , 24, 589-96	44
1964	Enhanced infarct stabilization and neovascularization mediated by VEGF-loaded PEGylated fibrinogen hydrogel in a rodent myocardial infarction model. <b>2013</b> , 34, 8195-202	62
1963	Molecular/Targeted Therapy of Cancer. <b>2013</b> , 215-244	
1962	Endothelial cell metabolism and tumour angiogenesis: glucose and glutamine as essential fuels and lactate as the driving force. <b>2013</b> , 273, 156-65	155
1961	Activation of pericytes: recent insights into kidney fibrosis and microvascular rarefaction. <b>2013</b> , 25, 78-86	36
1960	Mouse models for studying angiogenesis and lymphangiogenesis in cancer. <b>2013</b> , 7, 259-82	88
1959	Importance of insulin resistance to vascular repair and regeneration. <b>2013</b> , 60, 246-63	8



1958	Inhibition of VEGF expression in cancer cells and endothelial cell differentiation by synthetic stilbene derivatives. <b>2013</b> , 21, 3010-5	20
1957	Novel anti(lymph)angiogenic treatment strategies for corneal and ocular surface diseases. <b>2013</b> , 34, 89-124	121
1956	Endothelial adherens junctions at a glance. <b>2013</b> , 126, 2545-9	131
1955	Glaucoma associated with uveal cysts and goniodysgenesis in American Bulldogs: a case series. <b>2013</b> , 16, 377-85	10
1954	Anti-angiogenesis in cancer therapy: Hercules and hydra. <b>2013</b> , 338, 219-28	74
1953	Resident Stem Cell in Skin. <b>2013</b> , 89-103	1
1952	Cell and Gene Transfer Strategies for Vascularization During Skin Wound Healing. <b>2013</b> , 637-695	3
1951	SRF selectively controls tip cell invasive behavior in angiogenesis. <b>2013</b> , 140, 2321-33	44
1950	Targeted liposome-loaded microbubbles for cell-specific ultrasound-triggered drug delivery. <b>2013</b> , 9, 4027-35	32
1949	Crosstalk between oxygen- and nitric oxide-dependent signaling pathways in angiogenesis. <b>2013</b> , 319, 1331-9	27
1948	The role of VE-cadherin in vascular morphogenesis and permeability control. <b>2013</b> , 116, 119-44	121
1947	Dynamic evaluation and quantification of microvascularization during degradable starch microspheres transarterial Chemoembolisation (DSM-TACE) of HCC lesions using contrast enhanced ultrasound (CEUS): a feasibility study. <b>2013</b> , 53, 337-48	16
1946	The Fluid Mechanics of Cancer and Its Therapy. <b>2013</b> , 45, 325-355	90
1945	Intravital imaging reveals conversion between distinct tumor vascular morphologies and localized vascular response to Sunitinib. <b>2013</b> , 2, e24790	18
1944	Molecular hierarchy of heparin-binding EGF-like growth factor-regulated angiogenesis in triple-negative breast cancer. <b>2013</b> , 11, 506-17	29
1943	The role of IL-1 $\beta$ in the early tumor cell-induced angiogenic response. <b>2013</b> , 190, 3500-9	136
1942	Sox17 is indispensable for acquisition and maintenance of arterial identity. <b>2013</b> , 4, 2609	163
1941	Flt-1 (vascular endothelial growth factor receptor-1) is essential for the vascular endothelial growth factor-Notch feedback loop during angiogenesis. <b>2013</b> , 33, 1952-9	27

1940	Matrix metalloproteinases: inflammatory regulators of cell behaviors in vascular formation and remodeling. <b>2013</b> , 2013, 928315	242
1939	Hyperlipidemia attenuates vascular endothelial growth factor-induced angiogenesis, impairs cerebral blood flow, and disturbs stroke recovery via decreased pericyte coverage of brain endothelial cells. <b>2013</b> , 33, 1561-7	69
1938	Quantitative phosphoproteomics analysis reveals broad regulatory role of heparan sulfate on endothelial signaling. <b>2013</b> , 12, 2160-73	19
1937	Oncogenic alternative splicing switches: role in cancer progression and prospects for therapy. <b>2013</b> , 2013, 962038	79
1936	Insulin-like growth factor-binding protein-6 and cancer. <b>2013</b> , 124, 215-29	48
1935	Tetraspanin CD63 promotes vascular endothelial growth factor receptor 2- $\beta$ 1 integrin complex formation, thereby regulating activation and downstream signaling in endothelial cells in vitro and in vivo. <b>2013</b> , 288, 19060-71	38
1934	MicroRNA-26a regulates pathological and physiological angiogenesis by targeting BMP/SMAD1 signaling. <b>2013</b> , 113, 1231-41	159
1933	Endothelial Cell Origin, Differentiation, Heterogeneity and Function. <b>2013</b> , 3-26	2
1932	Endothelin-2 signaling in the neural retina promotes the endothelial tip cell state and inhibits angiogenesis. <b>2013</b> , 110, E3830-9	29
1931	Antagonism and synergy between extracellular BMP modulators Tsg and BMPER balance blood vessel formation. <b>2013</b> , 126, 3082-94	29
1930	Platelet neuropeptide Y is critical for ischemic revascularization in mice. <b>2013</b> , 27, 2244-55	21
1929	Analysis of Dll4 regulation reveals a combinatorial role for Sox and Notch in arterial development. <b>2013</b> , 110, 11893-8	92
1928	Sinusoidal endothelial cells are damaged and display enhanced autophagy in myelodysplastic syndromes. <b>2013</b> , 161, 443-6	6
1927	Direct renin inhibitor, aliskiren, attenuates the progression of non-alcoholic steatohepatitis in the rat model. <b>2013</b> , 43, 1241-50	22
1926	Endometriosis, a disease of the macrophage. <b>2013</b> , 4, 9	157
1925	Ex vivo behaviour of human bone tumor endothelial cells. <b>2013</b> , 5, 404-17	4
1924	Enhancing angiogenesis in invasive aspergillosis: a novel therapeutic approach. <b>2013</b> , 207, 1031-3	4
1923	Nogo-A is a negative regulator of CNS angiogenesis. <b>2013</b> , 110, E1943-52	77

1922	Stromal vascular fraction (SVF) cells enhance long-term survival of autologous fat grafting through the facilitation of M2 macrophages. <b>2013</b> , 37, 855-9	14
1921	SDF-1 fused to a fractalkine stalk and a GPI anchor enables functional neovascularization. <b>2013</b> , 31, 1795-805	6
1920	An important role of matrix metalloproteinase-8 in angiogenesis in vitro and in vivo. <b>2013</b> , 99, 146-55	65
1919	MicroRNA 329 suppresses angiogenesis by targeting CD146. <b>2013</b> , 33, 3689-99	55
1918	The propeptides of VEGF-D determine heparin binding, receptor heterodimerization, and effects on tumor biology. <b>2013</b> , 288, 8176-8186	23
1917	Notch controls retinal blood vessel maturation and quiescence. <b>2013</b> , 140, 3051-61	133
1916	Role of uPA/uPAR in the modulation of angiogenesis. <b>2014</b> , 99, 105-22	38
1915	Biomimetic model to reconstitute angiogenic sprouting morphogenesis in vitro. <b>2013</b> , 110, 6712-7	335
1914	Friend or foe: the role of microRNA in chemotherapy resistance. <b>2013</b> , 34, 870-9	83
1913	Angiogenic Biomaterials to Promote Tissue Vascularization and Integration. <b>2013</b> , 53, n/a-n/a	3
1912	Quantitative mass spectrometry-based proteomics in angiogenesis. <b>2013</b> , 7, 464-76	4
1911	Recent molecular discoveries in angiogenesis and antiangiogenic therapies in cancer. <b>2013</b> , 123, 3190-200	427
1910	The Stabilization Effect of Mesenchymal Stem Cells on the Formation of Microvascular Networks in a Microfluidic Device. <b>2013</b> , 8, 114-128	10
1909	Von Willebrand factor, angiodyplasia and angiogenesis. <b>2013</b> , 5, e2013060	67
1908	MicroRNA-mediated Regulation of Angiogenesis. <b>2013</b> , 2, 40-53	
1907	Antiangiogenic and antitumoral effects mediated by a vascular endothelial growth factor receptor 1 (VEGFR-1)-targeted DNzyme. <b>2013</b> , 19, 377-86	17
1906	SNP-SNP interaction network in angiogenesis genes associated with prostate cancer aggressiveness. <b>2013</b> , 8, e59688	33
1905	Contrasting roles of E2F2 and E2F3 in cardiac neovascularization. <b>2013</b> , 8, e65755	15

1904	Identification of a potent endothelium-derived angiogenic factor. <b>2013</b> , 8, e68575	3
1903	In vivo monitoring of angiogenesis inhibition via down-regulation of mir-21 in a VEGFR2-luc murine breast cancer model using bioluminescent imaging. <b>2013</b> , 8, e71472	47
1902	Plasticity of blood- and lymphatic endothelial cells and marker identification. <b>2013</b> , 8, e74293	14
1901	Blood flow changes coincide with cellular rearrangements during blood vessel pruning in zebrafish embryos. <b>2013</b> , 8, e75060	83
1900	High-resolution structural and functional assessments of cerebral microvasculature using 3D Gas B2*-mMRA. <b>2013</b> , 8, e78186	12
1899	High flow conditions increase connexin43 expression in a rat arteriovenous and angiogenic loop model. <b>2013</b> , 8, e78782	16
1898	COX-2 in cancer: Gordian knot or Achilles heel?. <b>2013</b> , 4, 34	38
1897	Reactive oxygen species in vascular formation and development. <b>2013</b> , 2013, 374963	59
1896	Signal transduction in tumor angiogenesis. 861-871	
1895	Co-transplantation of endothelial progenitor cells and pancreatic islets to induce long-lasting normoglycemia in streptozotocin-treated diabetic rats. <b>2014</b> , 9, e94783	27
1894	Loss of function of endothelin-2 leads to reduced ovulation and CL formation. <b>2014</b> , 9, e96115	20
1893	Lipo-chitin oligosaccharides, plant symbiosis signalling molecules that modulate mammalian angiogenesis in vitro. <b>2014</b> , 9, e112635	13
1892	EphrinB-mediated reverse signalling controls junctional integrity and pro-inflammatory differentiation of endothelial cells. <b>2014</b> , 112, 151-63	18
1891	In silico discovery of potential VEGFR-2 inhibitors from natural derivatives for anti-angiogenesis therapy. <b>2014</b> , 15, 15994-6011	35
1890	Are MSCs angiogenic cells? New insights on human nestin-positive bone marrow-derived multipotent cells. <b>2014</b> , 2, 20	45
1889	Dietary proteins and angiogenesis. <b>2014</b> , 6, 371-81	7
1888	Canonical WNT signaling components in vascular development and barrier formation. <b>2014</b> , 124, 3825-46	193
1887	Cellular and humoral immunodeficiency in breast cancer patients resistant to hormone therapy. <b>2014</b> , 61, 90-98	9

1886	Ethanol Extract of Sambucus Formosana Stimulates HUVEC Proliferation and Tube Formation through MEK1/2, ERK1/2 Pathway. <b>2014</b> , 2,	1
1885	Pluronic L64-mediated stable HIF-1 $\beta$ expression in muscle for therapeutic angiogenesis in mouse hindlimb ischemia. <b>2014</b> , 9, 3439-52	7
1884	Antiangiogenesis therapy: an update after the first decade. <b>2014</b> , 29, 1-11	43
1883	Pericyte dynamics during angiogenesis: new insights from new identities. <b>2014</b> , 51, 163-74	119
1882	Optimization of the dorsal skinfold window chamber model and multi-parametric characterization of tumor-associated vasculature. <b>2014</b> , 3, e27935	16
1881	ARHGAP18: an endogenous inhibitor of angiogenesis, limiting tip formation and stabilizing junctions. <b>2014</b> , 5, 1-15	23
1880	Incomplete and transitory decrease of glycolysis: a new paradigm for anti-angiogenic therapy?. <b>2014</b> , 13, 16-22	46
1879	Jostling for position in angiogenic sprouts: continuous rearrangement of cells explained by differential adhesion dynamics. <b>2014</b> , 33, 1089-90	2
1878	How prognostic and predictive biomarkers are transforming our understanding and management of advanced gastric cancer. <b>2014</b> , 19, 1046-55	17
1877	Pharmacogenetic interaction analysis of VEGFR-2 and IL-8 polymorphisms in advanced breast cancer patients treated with paclitaxel and bevacizumab. <b>2014</b> , 15, 1985-99	13
1876	Endothelial cell metabolism: parallels and divergences with cancer cell metabolism. <b>2014</b> , 2, 19	76
1875	Arteries are formed by vein-derived endothelial tip cells. <b>2014</b> , 5, 5758	115
1874	Wound repair and regeneration: mechanisms, signaling, and translation. <b>2014</b> , 6, 265sr6	1319
1873	New antiangiogenic strategies beyond inhibition of vascular endothelial growth factor with special focus on axon guidance molecules. <b>2014</b> , 86, 46-52	18
1872	Molecular identification of venous progenitors in the dorsal aorta reveals an aortic origin for the cardinal vein in mammals. <b>2014</b> , 141, 1120-8	51
1871	Regulation of signaling interactions and receptor endocytosis in growing blood vessels. <b>2014</b> , 8, 366-77	31
1870	Epigenetic control of hypoxia inducible factor-1 $\beta$ dependent expression of placental growth factor in hypoxic conditions. <b>2014</b> , 9, 600-10	29
1869	Multi-targeted inhibition of tumor growth and lung metastasis by redox-sensitive shell crosslinked micelles loading disulfiram. <b>2014</b> , 25, 125102	36

1868	Macrophages in homeostatic immune function. <b>2014</b> , 5, 146	44
1867	Crim1 maintains retinal vascular stability during development by regulating endothelial cell Vegfa autocrine signaling. <b>2014</b> , 141, 448-59	38
1866	Micromanaging restenosis by therapeutic inhibition of miR-92a. <b>2014</b> , 103, 432-4	
1865	Antiangiogenic effects of N6-isopentenyladenosine, an endogenous isoprenoid end product, mediated by AMPK activation. <b>2014</b> , 28, 1132-44	30
1864	Functional phylogenetic analysis of LGI proteins identifies an interaction motif crucial for myelination. <b>2014</b> , 141, 1749-56	24
1863	Lymphatic vessels in the development of tissue and organ rejection. <b>2014</b> , 214, 119-41	29
1862	Hypoxic signaling during tissue repair and regenerative medicine. <b>2014</b> , 15, 19791-815	64
1861	Cancer cell-associated fatty acid synthase activates endothelial cells and promotes angiogenesis in colorectal cancer. <b>2014</b> , 35, 1341-51	62
1860	Endothelial cell-derived non-canonical Wnt ligands control vascular pruning in angiogenesis. <b>2014</b> , 141, 1757-66	88
1859	The role IL-1 in tumor-mediated angiogenesis. <b>2014</b> , 5, 114	136
1858	Role of G protein-coupled receptor kinase 2 in tumoral angiogenesis. <b>2014</b> , 1, e969166	3
1857	Metabolic control of microvascular networks: oxygen sensing and beyond. <b>2014</b> , 51, 376-92	22
1856	In vivo hyperspectral imaging of microvessel response to trastuzumab treatment in breast cancer xenografts. <b>2014</b> , 5, 2247-61	26
1855	ELAVL1 regulates alternative splicing of eIF4E transporter to promote postnatal angiogenesis. <b>2014</b> , 111, 18309-14	40
1854	Intracellular signaling cascades following light irradiation. <b>2014</b> , 8, 115-130	20
1853	The role of the hypoxia response in shaping retinal vascular development in the absence of Norrin/Frizzled4 signaling. <b>2014</b> , 55, 8614-25	23
1852	Hyaluronan regulation of endothelial barrier function in cancer. <b>2014</b> , 123, 191-209	46
1851	Glycogen synthase kinase 3 beta in somites plays a role during the angiogenesis of zebrafish embryos. <b>2014</b> , 281, 4367-83	8

1850	Synergism of matrix stiffness and vascular endothelial growth factor on mesenchymal stem cells for vascular endothelial regeneration. <b>2014</b> , 20, 2503-12	37
1849	Mechanisms of tumour vascularization in cutaneous malignant melanoma: clinical implications. <b>2014</b> , 171, 220-33	13
1848	Deflection of vascular endothelial growth factor action by SS18-SSX and composite vascular endothelial growth factor- and chemokine (C-X-C motif) receptor 4-targeted therapy in synovial sarcoma. <b>2014</b> , 105, 1124-34	10
1847	Cellular and molecular mechanisms underlying blood vessel lumen formation. <b>2014</b> , 36, 251-9	33
1846	Inhibitors of angiogenesis: ready for prime time?. <b>2014</b> , 28, 637-49	18
1845	Blood microvessel density, lymphatic microvessel density and lymphatic invasion in predicting melanoma metastases: systematic review and meta-analysis. <b>2014</b> , 170, 66-77	40
1844	Targeted glomerular angiotensin-1 therapy for early diabetic kidney disease. <b>2014</b> , 25, 33-42	72
1843	Swimming-induced exercise promotes hypertrophy and vascularization of fast skeletal muscle fibres and activation of myogenic and angiogenic transcriptional programs in adult zebrafish. <b>2014</b> , 15, 1136	42
1842	Developing ovarian cancer stem cell models: laying the pipeline from discovery to clinical intervention. <b>2014</b> , 13, 262	40
1841	Transcriptional regulation of arterial differentiation via Wnt, Sox and Notch. <b>2014</b> , 21, 229-34	27
1840	An open-label phase Ib dose-escalation study of TRC105 (anti-endoglin antibody) with bevacizumab in patients with advanced cancer. <b>2014</b> , 20, 5918-26	50
1839	Endothelial cell FGF signaling is required for injury response but not for vascular homeostasis. <b>2014</b> , 111, 13379-84	88
1838	Fox(y) regulators of VEGF receptors. <b>2014</b> , 115, 683-5	1
1837	Endothelial cell differentiation by SOX17: promoting the tip cell or stalking its neighbor instead?. <b>2014</b> , 115, 205-7	9
1836	Overcoming Resistance to Targeted Therapies: The Next Challenge in Pancreatic Neuroendocrine Tumors (PNETs) Treatment. <b>2014</b> , 167-180	
1835	Microvascular plasticity after experimental stroke: a molecular and MRI study. <b>2014</b> , 38, 344-53	32
1834	Polymerase $\beta$ -interacting protein 2 promotes postischemic neovascularization of the mouse hindlimb. <b>2014</b> , 34, 1548-55	17
1833	Therapeutic targeting of angiogenesis with a recombinant CTT peptide-endostatin mimic-kringle 5 protein. <b>2014</b> , 13, 2674-87	6

1832	Genetic variants of Adam17 differentially regulate TGF $\beta$ signaling to modify vascular pathology in mice and humans. <b>2014</b> , 111, 7723-8		36
1831	Nanotechnology and tumor microcirculation. <b>2014</b> , 74, 2-11		21
1830	Endothelial cilia mediate low flow sensing during zebrafish vascular development. <b>2014</b> , 6, 799-808		149
1829	Tube fusion: making connections in branched tubular networks. <b>2014</b> , 31, 82-90		21
1828	Inhibitory effects of quercetin on angiogenesis in larval zebrafish and human umbilical vein endothelial cells. <b>2014</b> , 723, 360-7		43
1827	Neuronal control of metabolism through nutrient-dependent modulation of tracheal branching. <i>Cell</i> , <b>2014</b> , 156, 69-83	56.2	58
1826	In search of signaling pathways critical for ovarian graft reception: Akt1 is essential for long-term survival of ovarian grafts. <b>2014</b> , 101, 536-44		8
1825	Lymphangiogenesis in canine mammary tumours: a morphometric and prognostic study. <b>2014</b> , 150, 184-93		3
1824	Adipose tissue angiogenesis: impact on obesity and type-2 diabetes. <b>2014</b> , 1842, 463-72		119
1823	T-type calcium channels blockers as new tools in cancer therapies. <b>2014</b> , 466, 801-10		68
1822	Endothelial cells expressing low levels of CD143 (ACE) exhibit enhanced sprouting and potency in relieving tissue ischemia. <b>2014</b> , 17, 617-30		13
1821	Distinct roles of DKK1 and DKK2 in tumor angiogenesis. <b>2014</b> , 17, 221-34		37
1820	Long noncoding RNA MALAT1 regulates endothelial cell function and vessel growth. <b>2014</b> , 114, 1389-97		652
1819	Endothelial PFKFB3 plays a critical role in angiogenesis. <b>2014</b> , 34, 1231-9		145
1818	Partial and transient reduction of glycolysis by PFKFB3 blockade reduces pathological angiogenesis. <b>2014</b> , 19, 37-48		333
1817	Glycosylation-dependent lectin-receptor interactions preserve angiogenesis in anti-VEGF refractory tumors. <i>Cell</i> , <b>2014</b> , 156, 744-58	56.2	353
1816	Mesenchymal stem/stromal cells as a pharmacological and therapeutic approach to accelerate angiogenesis. <b>2014</b> , 143, 181-96		211
1815	Cerebral neovascularization in diabetes: implications for stroke recovery and beyond. <b>2014</b> , 34, 553-63		72



1814	Allosteric regulation of pathologic angiogenesis: potential application for angiogenesis-related blindness. <b>2014</b> , 37, 285-98	6
1813	Associations between vascular endothelial growth factor polymorphisms and prostate cancer risk: a meta-analysis. <b>2014</b> , 35, 1307-11	4
1812	Developmental Aspects of the Lymphatic Vascular System. <b>2014</b> ,	5
1811	The role of differential VE-cadherin dynamics in cell rearrangement during angiogenesis. <b>2014</b> , 16, 309-21	239
1810	Endothelial Notch activity promotes angiogenesis and osteogenesis in bone. <b>2014</b> , 507, 376-380	501
1809	The use of lipid-coated nanodiamond to improve bioavailability and efficacy of sorafenib in resisting metastasis of gastric cancer. <b>2014</b> , 35, 4565-72	74
1808	The wall-stress footprint of blood cells flowing in microvessels. <b>2014</b> , 106, 752-62	28
1807	Engineering approaches for inducing blood vessel formation. <b>2014</b> , 3, 56-61	23
1806	VEGF-binding aptides and the inhibition of choroidal and retinal neovascularization. <b>2014</b> , 35, 3052-9	15
1805	Angiocrine factors deployed by tumor vascular niche induce B cell lymphoma invasiveness and chemoresistance. <b>2014</b> , 25, 350-65	158
1804	Bone biology: Vessels of rejuvenation. <b>2014</b> , 507, 313-4	19
1803	Frontier microfluidic techniques for short and long-term single cell analysis. <b>2014</b> , 14, 2161-7	35
1802	Anti-angiogenic effect of bare titanium dioxide nanoparticles on pathologic neovascularization without unbearable toxicity. <b>2014</b> , 10, 1109-17	33
1801	Novel colchicine-site binders with a cyclohexanedione scaffold identified through a ligand-based virtual screening approach. <b>2014</b> , 57, 3924-38	34
1800	Müller glia cells regulate Notch signaling and retinal angiogenesis via the generation of 19,20-dihydroxydocosapentaenoic acid. <b>2014</b> , 211, 281-95	59
1799	Novel approaches to the development of tyrosine kinase inhibitors and their role in the fight against cancer. <b>2014</b> , 9, 77-92	21
1798	High glucose-induced jagged 1 in endothelial cells disturbs notch signaling for angiogenesis: a novel mechanism of diabetic vasculopathy. <b>2014</b> , 69, 52-66	32
1797	Dll4-Notch signaling in regulation of tumor angiogenesis. <b>2014</b> , 140, 525-36	59

1796	The molecular basis for the pharmacokinetics and pharmacodynamics of curcumin and its metabolites in relation to cancer. <b>2014</b> , 66, 222-307	327
1795	Enhanced trophic factor secretion by mesenchymal stem/stromal cells with Glycine-Histidine-Lysine (GHK)-modified alginate hydrogels. <b>2014</b> , 10, 1955-64	54
1794	License for destruction: tumor-specific cytokine targeting. <b>2014</b> , 20, 16-24	22
1793	Recombinant AAV-PR39-mediated hypoxia-inducible factor 1 $\beta$ gene expression attenuates myocardial infarction. <b>2014</b> , 33, 171-7	6
1792	Tumor microenvironment and cellular stress: signaling, metabolism, imaging, and therapeutic targets. Preface. <b>2014</b> , 772, v-viii	22
1791	Vascular remodeling after ischemic stroke: mechanisms and therapeutic potentials. <b>2014</b> , 115, 138-56	209
1790	Vascular endothelial growth factor signaling in injured nerves underlies peripheral sensitization in neuropathic pain. <b>2014</b> , 129, 169-78	36
1789	Podosomes as novel players in endothelial biology. <b>2014</b> , 93, 405-12	13
1788	Glioma Cell Biology. <b>2014</b> ,	2
1787	Angiogenesis in Gliomas. <b>2014</b> , 187-219	
1786	Principles of targeting endothelial cell metabolism to treat angiogenesis and endothelial cell dysfunction in disease. <b>2014</b> , 6, 1105-20	123
1785	Host deficiency in caveolin-2 inhibits lung carcinoma tumor growth by impairing tumor angiogenesis. <b>2014</b> , 74, 6452-62	15
1784	Peripheral Blood-Derived Mesenchymal Stromal Cells Promote Angiogenesis via Paracrine Stimulation of Vascular Endothelial Growth Factor Secretion in the Equine Model. <b>2014</b> , 3, 1514-25	41
1783	Neurons limit angiogenesis by titrating VEGF in retina. <i>Cell</i> , <b>2014</b> , 159, 584-96	56.2 170
1782	Fibroblast growth factor signaling affects vascular outgrowth and is required for the maintenance of blood vessel integrity. <b>2014</b> , 21, 1310-1317	24
1781	Angiogenic-osteogenic coupling: the endothelial perspective. <b>2014</b> , 3, 578	21
1780	Split for the cure: VEGF, PDGF-BB and intussusception in therapeutic angiogenesis. <b>2014</b> , 42, 1637-42	33
1779	Computer simulations reveal complex distribution of haemodynamic forces in a mouse retina model of angiogenesis. <b>2014</b> , 11,	56

1778	Highly effective inhibition of lung cancer growth and metastasis by systemic delivery of siRNA via multimodal mesoporous silica-based nanocarrier. <b>2014</b> , 35, 10058-69	85
1777	The effect of multistage nanovector targeting of VEGFR2 positive tumor endothelia on cell adhesion and local payload accumulation. <b>2014</b> , 35, 9824-9832	26
1776	The pharmacology of the cytochrome P450 epoxygenase/soluble epoxide hydrolase axis in the vasculature and cardiovascular disease. <b>2014</b> , 66, 1106-40	100
1775	KIF13B regulates angiogenesis through Golgi to plasma membrane trafficking of VEGFR2. <b>2014</b> , 127, 4518-30	27
1774	Neurotrophins: Role in adverse pregnancy outcome. <b>2014</b> , 37, 8-14	34
1773	Targeting Angiogenesis by Therapeutic Antibodies. <b>2014</b> , 823-850	
1772	Angiogenesis revisited - role and therapeutic potential of targeting endothelial metabolism. <b>2014</b> , 127, 4331-41	57
1771	MRTF-A controls vessel growth and maturation by increasing the expression of CCN1 and CCN2. <b>2014</b> , 5, 3970	67
1770	New radiotracers for imaging of vascular targets in angiogenesis-related diseases. <b>2014</b> , 76, 2-20	36
1769	Discovery of a New Series of Naphthamides as Potent VEGFR-2 Kinase Inhibitors. <b>2014</b> , 5, 592-7	12
1768	Leukocyte driven-decidual angiogenesis in early pregnancy. <b>2014</b> , 11, 522-37	74
1767	Mineralocorticoid receptor: a critical player in vascular remodeling. <b>2014</b> , 57, 809-17	3
1766	An updated view on the differentiation of stem cells into endothelial cells. <b>2014</b> , 57, 763-73	7
1765	Notch signaling in blood vessels: from morphogenesis to homeostasis. <b>2014</b> , 57, 774-80	15
1764	Fibroblast-derived matrix (FDM) as a novel vascular endothelial growth factor delivery platform. <b>2014</b> , 194, 122-9	13
1763	Signaling pathways in the specification of arteries and veins. <b>2014</b> , 34, 2372-7	66
1762	Hypoxia inducible factor-1 is involved in growth factor, glucocorticoid and hypoxia mediated regulation of vascular endothelial growth factor-A in human meningiomas. <b>2014</b> , 119, 263-73	14
1761	Hypoxia-mediated retinal neovascularization and vascular leakage in diabetic retina is suppressed by HIF-1 $\beta$ destabilization by SH-1242 and SH-1280, novel hsp90 inhibitors. <b>2014</b> , 92, 1083-92	29

1760	Graft microvascular disease in solid organ transplantation. <b>2014</b> , 92, 797-810	25
1759	Angiopoietin-like 7, a novel pro-angiogenetic factor over-expressed in cancer. <b>2014</b> , 17, 881-96	40
1758	Cross-enhancement of ANGPTL4 transcription by HIF1 alpha and PPAR beta/delta is the result of the conformational proximity of two response elements. <b>2014</b> , 15, R63	40
1757	Inhibition of Notch signaling leads to increased intracellular ROS by up-regulating Nox4 expression in primary HUVECs. <b>2014</b> , 287, 129-35	27
1756	Soft tissue wound healing around teeth and dental implants. <b>2014</b> , 41 Suppl 15, S6-22	184
1755	Functional properties of ion channels and transporters in tumour vascularization. <b>2014</b> , 369, 20130103	24
1754	Fucoidans: pro- or antiangiogenic agents?. <b>2014</b> , 24, 1265-74	76
1753	Generation of Multi-Scale Vascular Network System within 3D Hydrogel using 3D Bio-Printing Technology. <b>2014</b> , 7, 460-472	241
1752	Axon guidance factor netrin-1 and its receptors regulate angiogenesis after cerebral ischemia. <b>2014</b> , 30, 683-91	23
1751	Suberoylanilide hydroxamic acid, an inhibitor of histone deacetylase, suppresses vasculogenic mimicry and proliferation of highly aggressive pancreatic cancer PaTu8988 cells. <b>2014</b> , 14, 373	16
1750	Galectin-1 links tumor hypoxia and radiotherapy. <b>2014</b> , 24, 921-5	12
1749	Human platelet lysate is a feasible candidate to replace fetal calf serum as medium supplement for blood vascular and lymphatic endothelial cells. <b>2014</b> , 16, 1238-44	21
1748	An emerging role for the miR-26 family in cardiovascular disease. <b>2014</b> , 24, 241-8	48
1747	Bone marrow-derived mesenchymal stromal cells improve vascular regeneration and reduce leukocyte-endothelium activation in critical ischemic murine skin in a dose-dependent manner. <b>2014</b> , 16, 1345-60	19
1746	Regulatory role of glycans in the control of hypoxia-driven angiogenesis and sensitivity to anti-angiogenic treatment. <b>2014</b> , 24, 1283-90	42
1745	Metabolism of stromal and immune cells in health and disease. <b>2014</b> , 511, 167-76	298
1744	Pericytes prevent regression of endothelial cell tubes by accelerating metabolism of lysophosphatidic acid. <b>2014</b> , 93, 62-71	13
1743	Amphiphilic degradable polymers for immobilization and sustained delivery of sphingosine 1-phosphate. <b>2014</b> , 10, 3079-90	8

1742	Phosphorylation of DEP-1/PTPRJ on threonine 1318 regulates Src activation and endothelial cell permeability induced by vascular endothelial growth factor. <b>2014</b> , 26, 1283-93	16
1741	Angiogenic factors as potential drug target: efficacy and limitations of anti-angiogenic therapy. <b>2014</b> , 1846, 161-79	89
1740	Treating advanced hepatocellular carcinoma: How to get out of first gear. <b>2014</b> , 120, 3122-30	29
1739	Molecular Mechanisms of Angiogenesis. <b>2014</b> ,	3
1738	Fluid shear stress threshold regulates angiogenic sprouting. <b>2014</b> , 111, 7968-73	237
1737	Endothelial cell tube formation assay for the in vitro study of angiogenesis. <b>2014</b> , e51312	142
1736	Tumour angiogenesis and repulsive guidance molecule b: a role in HGF- and BMP-7-mediated angiogenesis. <b>2014</b> , 45, 1304-12	13
1735	The experimental therapy on brain ischemia by improvement of local angiogenesis with tissue engineering in the mouse. <b>2014</b> , 23 Suppl 1, S83-95	46
1734	An important role of endothelial hairy-related transcription factors in mouse vascular development. <b>2014</b> , 52, 897-906	4
1733	Fully human VEGFR2 monoclonal antibody BC001 attenuates tumor angiogenesis and inhibits tumor growth. <b>2014</b> , 45, 2411-20	9
1732	Extract of Cordyceps militaris inhibits angiogenesis and suppresses tumor growth of human malignant melanoma cells. <b>2014</b> , 45, 209-18	27
1731	Venous-derived angioblasts generate organ-specific vessels during zebrafish embryonic development. <b>2015</b> , 142, 4266-78	51
1730	Foxc1 is required for early stage telencephalic vascular development. <b>2015</b> , 244, 703-11	10
1729	Advanced research on vasculogenic mimicry in cancer. <b>2015</b> , 19, 315-26	159
1728	The GPR 55 agonist, L- $\alpha$ -lysophosphatidylinositol, mediates ovarian carcinoma cell-induced angiogenesis. <b>2015</b> , 172, 4107-18	22
1727	Angiogenese beim malignen Melanom. <b>2015</b> , 13, 125-136	2
1726	Ninjurin1 is a novel factor to regulate angiogenesis through the function of pericytes. <b>2015</b> , 79, 1363-71	21
1725	Ninjurin1 - a novel regulator of angiogenesis mediated by pericytes -. <b>2015</b> , 79, 1218-9	2

1724	Toll-like receptor 7/8 agonist, R848, exhibits antitumoral effects in a breast cancer model. <b>2015</b> , 12, 3515-3520	24
1723	The alternative splicing factor Nova2 regulates vascular development and lumen formation. <b>2015</b> , 6, 8479	37
1722	Metronomic vinorelbine: Anti-angiogenic activity in vitro in normoxic and severe hypoxic conditions, and severe hypoxia-induced resistance to its anti-proliferative effect with reversal by Akt inhibition. <b>2015</b> , 47, 455-64	27
1721	VEGF dose regulates vascular stabilization through Semaphorin3A and the Neuropilin-1+ monocyte/TGF- $\beta$ 1 paracrine axis. <b>2015</b> , 7, 1366-84	25
1720	Endothelial cells and cancer cells: metabolic partners in crime?. <b>2015</b> , 22, 234-42	14
1719	TGF $\beta$ signalling pathway regulates angiogenesis by endothelial cells, in an adipose-derived stromal cell/endothelial cell co-culture 3D gel model. <b>2015</b> , 48, 729-37	11
1718	Angiogenesis Revisited: An Overlooked Role of Endothelial Cell Metabolism in Vessel Sprouting. <b>2015</b> , 22, 509-17	76
1717	A novel vascular pattern promotes metastasis of hepatocellular carcinoma in an epithelial-mesenchymal transition-independent manner. <b>2015</b> , 62, 452-65	88
1716	Betaglycan knock-down causes embryonic angiogenesis defects in zebrafish. <b>2015</b> , 53, 583-603	8
1715	The angiogenic and adipogenic modes of adipose tissue after free fat grafting. <b>2015</b> , 135, 556e-567e	47
1714	Discovery of new 4-alkoxyquinazoline-based derivatives as potent VEGFR2 inhibitors. <b>2015</b> , 86, 1323-9	3
1713	Identifying Blood-Based Protein Biomarkers for Antiangiogenic Agents in the Clinic: A Decade of Progress. <b>2015</b> , 21, 322-6	9
1712	Neovascularization of the atherosclerotic plaque: interplay between atherosclerotic lesion, adventitia-derived microvessels and perivascular fat. <b>2015</b> , 26, 405-11	26
1711	Zerumbone, Sesquiterpene Photochemical from Ginger, Inhibits Angiogenesis. <b>2015</b> , 19, 335-40	13
1710	Biología del Desarrollo Vascular: Mecanismos en Condiciones Fisiológicas y Estrés Flujo. <b>2015</b> , 33, 1348-1354	1
1709	Longitudinal Tracing of Spontaneous Regression and Anti-angiogenic Response of Individual Microadenomas during Colon Tumorigenesis. <b>2015</b> , 5, 724-32	6
1708	Small-molecule BH3 mimetic and pan-Bcl-2 inhibitor AT-101 enhances the antitumor efficacy of cisplatin through inhibition of APE1 repair and redox activity in non-small-cell lung cancer. <b>2015</b> , 9, 2887-910	18
1707	Highly effective antiangiogenesis via magnetic mesoporous silica-based siRNA vehicle targeting the VEGF gene for orthotopic ovarian cancer therapy. <b>2015</b> , 10, 2579-94	38

1706	Extracellular matrix and growth factor engineering for controlled angiogenesis in regenerative medicine. <b>2015</b> , 3, 45	122
1705	Low Molecular Weight Fucoidan Inhibits Tumor Angiogenesis through Downregulation of HIF-1/VEGF Signaling under Hypoxia. <b>2015</b> , 13, 4436-51	90
1704	Vascularisation for cardiac tissue engineering: the extracellular matrix. <b>2015</b> , 113, 532-47	20
1703	Natural phenolic metabolites with anti-angiogenic properties - a review from the chemical point of view. <b>2015</b> , 11, 249-64	32
1702	Actin-tethered junctional complexes in angiogenesis and lymphangiogenesis in association with vascular endothelial growth factor. <b>2015</b> , 2015, 314178	8
1701	The Role of Mast Cell Specific Chymases and Trypsases in Tumor Angiogenesis. <b>2015</b> , 2015, 142359	51
1700	Nucleoside Transport Inhibition by Dipyridamole Prevents Angiogenesis Impairment by Homocysteine and Adenosine. <b>2015</b> , 18, 871-81	1
1699	Recent advances in understanding of chronic kidney disease. <b>2015</b> , 4,	18
1698	Dbl oncogene expression in MCF-10 A epithelial cells disrupts mammary acinar architecture, induces EMT and angiogenic factor secretion. <b>2015</b> , 14, 1426-37	2
1697	Role of secreted modular calcium-binding protein 1 (SMOC1) in transforming growth factor $\beta$ signalling and angiogenesis. <b>2015</b> , 106, 284-94	45
1696	Evaluation of Angiogenesis and Arteriogenesis in a Mouse Model of Prolonged Cerebral Hypoperfusion. <b>2015</b> , 109-127	
1695	Cancer stem cells: a potential target for cancer therapy. <b>2015</b> , 72, 3411-24	41
1694	The bipartite rac1 Guanine nucleotide exchange factor engulphment and cell motility 1/dedicator of cytokinesis 180 (elmo1/dock180) protects endothelial cells from apoptosis in blood vessel development. <b>2015</b> , 290, 6408-18	19
1693	NRP1 Regulates CDC42 Activation to Promote Filopodia Formation in Endothelial Tip Cells. <b>2015</b> , 11, 1577-90	65
1692	Endothelial alpha-parvin controls integrity of developing vasculature and is required for maintenance of cell-cell junctions. <b>2015</b> , 117, 29-40	32
1691	Intercellular miRNA Traffic. <b>2015</b> , 116, 1726-8	4
1690	Ovarian cancer: early detection, angiogenesis, lymphangiogenesis and current prospects for therapy. <b>2015</b> , 125, 24-28	
1689	Endothelial Metabolism Driving Angiogenesis: Emerging Concepts and Principles. <b>2015</b> , 21, 244-9	20

1688	Intermediate hepatocellular carcinoma: the role of transarterial therapy. <b>2015</b> , 2, 399-408	9
1687	Pbx1-dependent control of VMC differentiation kinetics underlies gross renal vascular patterning. <b>2015</b> , 142, 2653-64	29
1686	PI3K at the crossroads of tumor angiogenesis signaling pathways. <b>2015</b> , 2, e975624	24
1685	Proangiogenic cells enhanced persistent and physiologic neovascularization compared with macrophages. <b>2015</b> , 47, e186	8
1684	The immunological effect of hyaluronan in tumor angiogenesis. <b>2015</b> , 4, e52	35
1683	Anti-metastatic effects of DNA vaccine encoding single-chain trimer composed of MHC I and vascular endothelial growth factor receptor 2 peptide. <b>2015</b> , 33, 2269-76	12
1682	Quercetin in prostate cancer: Chemotherapeutic and chemopreventive effects, mechanisms and clinical application potential (Review). <b>2015</b> , 33, 2659-68	52
1681	Hypoxia and Dysregulated Angiogenesis in Kidney Disease. <b>2015</b> , 1, 80-9	40
1680	Traditional Chinese medicine in the prevention and treatment of cancer and cancer metastasis. <b>2015</b> , 10, 1240-1250	73
1679	Laminar shear stress inhibits endothelial cell metabolism via KLF2-mediated repression of PFKFB3. <b>2015</b> , 35, 137-45	160
1678	A platform of integrative studies from in vitro to in vivo experiments: towards drug development for ischemic retinopathy. <b>2015</b> , 69, 367-73	4
1677	Thymosin- $\beta$ 4-mediated therapeutic neovascularization: role of the PI3K/AKT pathway. <b>2015</b> , 15 Suppl 1, S175-85	7
1676	Cord and Cord Blood-derived Endothelial Cells. <b>2015</b> , 49-61	1
1675	Platelet-derived SDF-1 primes the pulmonary capillary vascular niche to drive lung alveolar regeneration. <b>2015</b> , 17, 123-136	98
1674	Angiogenesis in malignant melanoma. <b>2015</b> , 13, 125-36	16
1673	Defensins: "Simple" antimicrobial peptides or broad-spectrum molecules?. <b>2015</b> , 26, 361-70	84
1672	Endothelial cells and the IGF system. <b>2015</b> , 54, R1-13	108
1671	lncRNA-MIAT regulates microvascular dysfunction by functioning as a competing endogenous RNA. <b>2015</b> , 116, 1143-56	458



1670	Identification of novel vascular projections with cellular trafficking abilities on the microvasculature of pancreatic ductal adenocarcinoma. <b>2015</b> , 236, 142-154	21
1669	Regulation of endothelial cell proliferation and vascular assembly through distinct mTORC2 signaling pathways. <b>2015</b> , 35, 1299-313	46
1668	Tumor Endothelial Cells with Distinct Patterns of TGF $\beta$ -Driven Endothelial-to-Mesenchymal Transition. <b>2015</b> , 75, 1244-54	51
1667	Fibroblast growth factor signaling pathway in endothelial cells is activated by BMPER to promote angiogenesis. <b>2015</b> , 35, 358-67	34
1666	A paper-based invasion assay: assessing chemotaxis of cancer cells in gradients of oxygen. <b>2015</b> , 52, 262-71	111
1665	Simultaneous targeting of two ligand-binding sites on VEGFR2 using biparatopic Affibody molecules results in dramatically improved affinity. <b>2014</b> , 4, 7518	27
1664	CD146 acts as a novel receptor for netrin-1 in promoting angiogenesis and vascular development. <b>2015</b> , 25, 275-87	80
1663	Novel role of reactive oxygen species-activated Trp melastatin channel-2 in mediating angiogenesis and postischemic neovascularization. <b>2015</b> , 35, 877-87	31
1662	Crosstalk between cancer cells and blood endothelial and lymphatic endothelial cells in tumour and organ microenvironment. <b>2015</b> , 17, e3	55
1661	UXT potentiates angiogenesis by attenuating Notch signaling. <b>2015</b> , 142, 774-86	10
1660	Discovery of anilinopyrimidine-based naphthamide derivatives as potent VEGFR-2 inhibitors. <b>2015</b> , 6, 1375-1380	5
1659	Angiogenic Potential and Secretome of Human Apical Papilla Mesenchymal Stem Cells in Various Stress Microenvironments. <b>2015</b> , 24, 2496-512	56
1658	Platelet endothelial aggregation receptor-1: a novel modifier of neoangiogenesis. <b>2015</b> , 108, 124-38	25
1657	Vascular toxicity of ultra-small TiO <sub>2</sub> nanoparticles and single walled carbon nanotubes in vitro and in vivo. <b>2015</b> , 63, 1-13	53
1656	The same but different: signaling pathways in control of endothelial cell migration. <b>2015</b> , 36, 86-92	19
1655	The native structure of annexin A2 peptides in hydrophilic environment determines their anti-angiogenic effects. <b>2015</b> , 95, 1-15	8
1654	Wiring the Vascular Network with Neural Cues: A CNS Perspective. <b>2015</b> , 87, 271-96	95
1653	When it is better to regress: dynamics of vascular pruning. <b>2015</b> , 13, e1002148	23

1652	State-of-the-Art Methods for Evaluation of Angiogenesis and Tissue Vascularization: A Scientific Statement From the American Heart Association. <b>2015</b> , 116, e99-132	90
1651	Improvement of in vivo anticancer and antiangiogenic potential of thalidomide derivatives. <b>2015</b> , 239, 174-83	20
1650	Mechanisms of Vessel Pruning and Regression. <b>2015</b> , 34, 5-17	171
1649	Agent-based model of angiogenesis simulates capillary sprout initiation in multicellular networks. <b>2015</b> , 7, 987-97	24
1648	Alk1 and Alk5 inhibition by Nrp1 controls vascular sprouting downstream of Notch. <b>2015</b> , 6, 7264	116
1647	Pericytes as targets in hereditary hemorrhagic telangiectasia. <b>2015</b> , 6, 37	33
1646	Enhanced therapeutic neovascularization by CD31-expressing cells and embryonic stem cell-derived endothelial cells engineered with chitosan hydrogel containing VEGF-releasing microtubes. <b>2015</b> , 63, 158-67	51
1645	Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation. <b>2015</b> , 36, 3134-46	119
1644	HOXB7 Is an ERK Cofactor in the Activation of HER2 and Multiple ER Target Genes Leading to Endocrine Resistance. <b>2015</b> , 5, 944-59	56
1643	Clinical Outcomes in the First Two Years of Femtosecond Laser-Assisted Cataract Surgery. <b>2015</b> , 160, 396-7	1
1642	Anti-Angiogenic Properties of BDDPM, a Bromophenol from Marine Red Alga Rhodomela confervoides, with Multi Receptor Tyrosine Kinase Inhibition Effects. <b>2015</b> , 16, 13548-60	13
1641	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: focus on the cancer hallmark of tumor angiogenesis. <b>2015</b> , 36 Suppl 1, S184-202	28
1640	Adipose tissue-derived microvascular fragments: natural vascularization units for regenerative medicine. <b>2015</b> , 33, 442-8	60
1639	Dynamic endothelial cell rearrangements drive developmental vessel regression. <b>2015</b> , 13, e1002125	156
1638	Optical Coherence Tomography Angiography Signs of Vascular Abnormalization With Antiangiogenic Therapy for Choroidal Neovascularization. <b>2015</b> , 160, 6-16	199
1637	Targeting endothelial cell metabolism: new therapeutic prospects?. <b>2015</b> , 10, 125-140	1
1636	Improving vascularization of engineered bone through the generation of pro-angiogenic effects in co-culture systems. <b>2015</b> , 94, 116-25	78
1635	Lysophosphatidic acid contributes to angiogenic homeostasis. <b>2015</b> , 333, 166-170	12

1634	Blood flow mechanics in cardiovascular development. <b>2015</b> , 72, 2545-59	69
1633	Molecular controls of arterial morphogenesis. <b>2015</b> , 116, 1712-24	86
1632	Molecular Events at TissueBiomaterial Interface. <b>2015</b> , 81-116	9
1631	Elevated Slit2 Activity Impairs VEGF-Induced Angiogenesis and Tumor Neovascularization in EphA2-Deficient Endothelium. <b>2015</b> , 13, 524-37	16
1630	Molecular controls of lymphatic VEGFR3 signaling. <b>2015</b> , 35, 421-9	73
1629	Cerebral Cavernous Malformation-1 Protein Controls DLL4-Notch3 Signaling Between the Endothelium and Pericytes. <b>2015</b> , 46, 1337-43	51
1628	Intertwined regulation of angiogenesis and immunity by myeloid cells. <b>2015</b> , 36, 240-9	86
1627	Junctional adhesion molecule B interferes with angiogenic VEGF/VEGFR2 signaling. <b>2015</b> , 29, 3411-25	11
1626	The vascular endothelial growth factors and receptors family: Up to now the only target for anti-angiogenesis therapy. <b>2015</b> , 64, 185-9	31
1625	Recent insights into the actions of IGFBP-6. <b>2015</b> , 9, 189-200	39
1624	Fatty acid carbon is essential for dNTP synthesis in endothelial cells. <b>2015</b> , 520, 192-197	353
1623	Endothelial cells-targeted soluble human Delta-like 4 suppresses both physiological and pathological ocular angiogenesis. <b>2015</b> , 58, 425-31	8
1622	Endothelial cell metabolism in normal and diseased vasculature. <b>2015</b> , 116, 1231-44	337
1621	Engineering nanoparticle-coated bacteria as oral DNA vaccines for cancer immunotherapy. <b>2015</b> , 15, 2732-9	144
1620	Endothelial plasticity drives arterial remodeling within the endocardium after myocardial infarction. <b>2015</b> , 116, 1765-71	41
1619	Vascularization strategies for tissue engineers. <b>2015</b> , 10, 211-24	37
1618	Clinical outcome and complications of gamma knife radiosurgery for intracranial arteriovenous malformations. <b>2015</b> , 22, 1117-22	14
1617	EphrinB2 controls vessel pruning through STAT1-JNK3 signalling. <b>2015</b> , 6, 6576	43

1616	VEGF and Notch Signaling in Angiogenesis. <b>2015</b> , 3-46	1
1615	Endothelial RhoGEFs: A systematic analysis of their expression profiles in VEGF-stimulated and tumor endothelial cells. <b>2015</b> , 74, 60-72	33
1614	SiRNA directed against annexin II receptor inhibits angiogenesis via suppressing MMP2 and MMP9 expression. <b>2015</b> , 35, 875-84	24
1613	ER Stress and Angiogenesis. <b>2015</b> , 22, 560-75	89
1612	VEGF-A/NRP1 stimulates GIPC1 and Syx complex formation to promote RhoA activation and proliferation in skin cancer cells. <b>2015</b> , 4, 1063-76	29
1611	Metabolic control of the cell cycle. <b>2015</b> , 14, 3379-88	46
1610	The Orphan Receptor Tie1 Controls Angiogenesis and Vascular Remodeling by Differentially Regulating Tie2 in Tip and Stalk Cells. <b>2015</b> , 12, 1761-73	95
1609	The role of FGF2 in migration and tubulogenesis of endothelial progenitor cells in relation to pro-angiogenic growth factor production. <b>2015</b> , 410, 131-42	15
1608	Pericytes in sarcomas of bone. <b>2015</b> , 32, 202	3
1607	IL10-driven STAT3 signalling in senescent macrophages promotes pathological eye angiogenesis. <b>2015</b> , 6, 7847	110
1606	PTEN mediates Notch-dependent stalk cell arrest in angiogenesis. <b>2015</b> , 6, 7935	64
1605	Primary Human Lung Pericytes Support and Stabilize In Vitro Perfusable Microvessels. <b>2015</b> , 21, 2166-76	34
1604	Erk5 inhibits endothelial migration via KLF2-dependent down-regulation of PAK1. <b>2015</b> , 105, 86-95	39
1603	Epigenetic regulation of Smad2 and Smad3 by profilin-2 promotes lung cancer growth and metastasis. <b>2015</b> , 6, 8230	77
1602	Inhibitory effect of cytotoxic nitrogen-containing heterocyclic stilbene analogues on VEGF protein secretion and VEGF, hTERT and c-Myc gene expression. <b>2015</b> , 6, 1809-1815	7
1601	Inhibitory effect of cytotoxic stilbenes related to resveratrol on the expression of the VEGF, hTERT and c-Myc genes. <b>2015</b> , 103, 488-96	20
1600	Endothelial cell dynamics during anastomosis in vitro. <b>2015</b> , 7, 454-66	20
1599	Endothelial microRNA-150 is an intrinsic suppressor of pathologic ocular neovascularization. <b>2015</b> , 112, 12163-8	64

1598	Anticancer activity of TTAC-0001, a fully human anti-vascular endothelial growth factor receptor 2 (VEGFR-2/KDR) monoclonal antibody, is associated with inhibition of tumor angiogenesis. <b>2015</b> , 7, 1195-204	11
1597	Artificial Intelligence Applications and Innovations. <b>2015</b> ,	
1596	The role of reactive oxidative species in insulin resistance-associated cardiovascular disease. <b>2015</b> , 5, 203-213	
1595	Healing arterial ulcers: Endothelial lining regeneration upon vascular denudation injury. <b>2015</b> , 72, 9-15	18
1594	Establishment and Dysfunction of the Blood-Brain Barrier. <i>Cell</i> , <b>2015</b> , 163, 1064-1078	56.2 789
1593	Novel glycosylated VEGF decoy receptor fusion protein, VEGF-Grab, efficiently suppresses tumor angiogenesis and progression. <b>2015</b> , 14, 470-9	18
1592	Marine Sponge Derived Antiangiogenic Compounds. <b>2015</b> , 29-58	2
1591	Hyperglycemia and redox status regulate RUNX2 DNA-binding and an angiogenic phenotype in endothelial cells. <b>2015</b> , 97, 55-64	14
1590	Quantitative assessment of angiogenesis, perfused blood vessels and endothelial tip cells in the postnatal mouse brain. <b>2015</b> , 10, 53-74	75
1589	Extravascular red blood cells and hemoglobin promote tumor growth and therapeutic resistance as endogenous danger signals. <b>2015</b> , 194, 429-37	17
1588	GAPDH enhances the aggressiveness and the vascularization of non-Hodgkin's B lymphomas via NF- $\kappa$ B-dependent induction of HIF-1 $\alpha$ . <b>2015</b> , 29, 1163-76	39
1587	Bringing new life to damaged bone: the importance of angiogenesis in bone repair and regeneration. <b>2015</b> , 70, 19-27	228
1586	Targeting vascular endothelial growth factor (VEGF) pathway in gastric cancer: preclinical and clinical aspects. <b>2015</b> , 93, 18-27	44
1585	May the remodeling of the Ca <sup>2+</sup> toolkit in endothelial progenitor cells derived from cancer patients suggest alternative targets for anti-angiogenic treatment?. <b>2015</b> , 1853, 1958-73	36
1584	NOTCH decoys that selectively block DLL/NOTCH or JAG/NOTCH disrupt angiogenesis by unique mechanisms to inhibit tumor growth. <b>2015</b> , 5, 182-97	102
1583	FGFR1 mediates recombinant thrombomodulin domain-induced angiogenesis. <b>2015</b> , 105, 107-17	19
1582	Hypoxia and angiogenesis: from primary tumor to bone metastasis. <b>2015</b> , 177-189	1
1581	Temporary arterial embolization of liver parenchyma with degradable starch microspheres (EmboCept <sup>®</sup> S) in a swine model. <b>2015</b> , 38, 435-41	26

1580	Epigenetics in the development, modification, and prevention of cardiovascular disease. <b>2015</b> , 42, 765-76	46
1579	Mesosopic and continuum modelling of angiogenesis. <b>2015</b> , 70, 485-532	52
1578	Report from the 17th Annual Western Canadian Gastrointestinal Cancer Consensus Conference; Edmonton, Alberta; 11-12 September 2015. <b>2016</b> , 23, 425-434	1
1577	Meroxest improves the prognosis of immunocompetent C57BL/6 mice with allografts of E0771 mouse breast tumor cells. <b>2016</b> , 12, 919-927	10
1576	p53, p63 and p73 expression and angiogenesis in keratocystic odontogenic tumors. <b>2016</b> , 8, e505-e511	5
1575	Cysteine-rich 61 RNA interference inhibits pathological angiogenesis via the phosphatidylinositol 3-kinase/Akt-vascular endothelial growth factor signaling pathway in endothelial cells. <b>2016</b> , 14, 4321-4327	4
1574	Vasculogenesis and Angiogenesis. <b>2016</b> , 49-65	9
1573	Visible-Light Optical Coherence Tomography Angiography for Monitoring Laser-Induced Choroidal Neovascularization in Mice. <b>2016</b> , 57, OCT86-95	22
1572	[Revascularization of the heart after infarct: lessons from embryonic development]. <b>2016</b> , 32, 158-62	
1571	Hybrid Nanomaterials Based on Iron Oxide Nanoparticles and Mesoporous Silica Nanoparticles: Overcoming Challenges in Current Cancer Treatments. <b>2016</b> , 2016, 1-15	18
1570	Immune Regulation by Pericytes: Modulating Innate and Adaptive Immunity. <b>2016</b> , 7, 480	68
1569	Endothelial Response to Glucocorticoids in Inflammatory Diseases. <b>2016</b> , 7, 592	52
1568	Regulation of Matrix Metalloproteinase-2 Activity by COX-2-PGE2-pAKT Axis Promotes Angiogenesis in Endometriosis. <b>2016</b> , 11, e0163540	58
1567	Time to Decide? Dynamical Analysis Predicts Partial Tip/Stalk Patterning States Arise during Angiogenesis. <b>2016</b> , 11, e0166489	18
1566	Constitutive Association of Tie1 and Tie2 with Endothelial Integrins is Functionally Modulated by Angiopoietin-1 and Fibronectin. <b>2016</b> , 11, e0163732	21
1565	Computational fluid dynamics assisted characterization of parafoveal hemodynamics in normal and diabetic eyes using adaptive optics scanning laser ophthalmoscopy. <b>2016</b> , 7, 4958-4973	18
1564	Patterning Vasculature: The Role of Biofabrication to Achieve an Integrated Multicellular Ecosystem. <b>2016</b> , 2, 1694-1709	21
1563	Concurrent and Sustained Delivery of FGF2 and FGF9 from Electrospun Poly(ester amide) Fibrous Mats for Therapeutic Angiogenesis. <b>2016</b> , 22, 584-96	15

1562	Manipulating Angiogenesis by Targeting Endothelial Metabolism: Hitting the Engine Rather than the Drivers-A New Perspective?. <b>2016</b> , 68, 872-87	37
1561	Cryptotanshinone, a novel tumor angiogenesis inhibitor, destabilizes tumor necrosis factor- $\beta$ mRNA via decreasing nuclear-cytoplasmic translocation of RNA-binding protein HuR. <b>2016</b> , 55, 1399-410	27
1560	The annexin A2 system and angiogenesis. <b>2016</b> , 397, 1005-16	24
1559	MicroRNA-210 and its theranostic potential. <b>2016</b> , 20, 1325-1338	12
1558	Wogonoside inhibits angiogenesis in breast cancer via suppressing Wnt/ $\beta$ -catenin pathway. <b>2016</b> , 55, 1598-1612	25
1557	Enhanced Nanodrug Delivery to Solid Tumors Based on a Tumor Vasculature-Targeted Strategy. <b>2016</b> , 26, 4192-4200	65
1556	Hydrogels in Vascular Tissue Engineering. <b>2016</b> , 385-396	
1555	Cell behaviors and dynamics during angiogenesis. <b>2016</b> , 143, 2249-60	123
1554	A phase 1 study of buparlisib and bevacizumab in patients with metastatic renal cell carcinoma progressing on vascular endothelial growth factor-targeted therapies. <b>2016</b> , 122, 2389-98	9
1553	Trimming the Vascular Tree in Tumors: Metabolic and Immune Adaptations. <b>2016</b> , 81, 21-29	4
1552	Glycolysis, but not Mitochondria, responsible for intracellular ATP distribution in cortical area of podocytes. <b>2015</b> , 5, 18575	34
1551	The role of mesenchymal stem/stromal cells in angiogenesis. <b>2016</b> , 347-365	
1550	Unc-5 homolog B (UNC5B) is one of the key downstream targets of N-Acetyltransferase 10 (Naa10). <b>2016</b> , 6, 38508	8
1549	Long-term safety and stability of angiogenesis induced by balanced single-vector co-expression of PDGF-BB and VEGF164 in skeletal muscle. <b>2016</b> , 6, 21546	25
1548	Angiogenesis. <b>2016</b> , 102-116	2
1547	Blood flow controls bone vascular function and osteogenesis. <b>2016</b> , 7, 13601	170
1546	Evolutionary and developmental analysis reveals KANK genes were co-opted for vertebrate vascular development. <b>2016</b> , 6, 27816	12
1545	Vesicular trafficking mechanisms in endothelial cells as modulators of the tumor vasculature and targets of antiangiogenic therapies. <b>2016</b> , 283, 25-38	19

1544	An Intronic Flk1 Enhancer Directs Arterial-Specific Expression via RBPJ-Mediated Venous Repression. <b>2016</b> , 36, 1209-19	15
1543	Senescent endothelial cells: Potential modulators of immunosenescence and ageing. <b>2016</b> , 29, 13-25	34
1542	Better Blood Flow Delivered: Extracellular Matrix-Derived Hydrogels for the Induction of Arteriogenesis in Peripheral Artery Disease?. <b>2016</b> , 1, 45-48	
1541	Endothelial dysfunction in von Willebrand disease: angiogenesis and angiodyplasia. <b>2016</b> , 141 Suppl 2, S55-8	12
1540	Sprouting angiogenesis is regulated by shedding of the C-type lectin family 14, member A (CLEC14A) ectodomain, catalyzed by rhomboid-like 2 protein (RHBDL2). <b>2016</b> , 30, 2311-23	26
1539	Induction of initial steps of angiogenic differentiation and maturation of endothelial cells by pericytes in vitro and the role of collagen IV. <b>2016</b> , 145, 511-25	18
1538	Fabrication of fluorescent nanoparticles based on AIE luminogens (AIE dots) and their applications in bioimaging. <b>2016</b> , 3, 283-293	156
1537	Biomimetic tumor-induced angiogenesis and anti-angiogenic therapy in a microfluidic model. <b>2016</b> , 6, 35248-35256	18
1536	Quantitative analysis of vascular colonisation and angio-conduction in porous silicon-substituted hydroxyapatite with various pore shapes in a chick chorioallantoic membrane (CAM) model. <b>2016</b> , 38, 179-89	47
1535	Intraplaque neovascularization as a novel therapeutic target in advanced atherosclerosis. <b>2016</b> , 20, 1247-57	18
1534	STIM and ORAI proteins: crucial roles in hallmarks of cancer. <b>2016</b> , 310, C509-19	46
1533	The multicellular complexity of peripheral nerve regeneration. <b>2016</b> , 39, 38-46	119
1532	Flt-1 (VEGFR-1) coordinates discrete stages of blood vessel formation. <b>2016</b> , 111, 84-93	33
1531	Novel approach to in-vivo oesophageal regeneration. <b>2016</b> , 388, 6-7	4
1530	Age-dependent expression of VEGFR2 in deep brain arteries in small vessel disease, CADASIL, and healthy brains. <b>2016</b> , 42, 110-5	9
1529	Involvement of ion channels and transporters in carcinoma angiogenesis and metastasis. <b>2016</b> , 310, C710-27	20
1528	MicroRNAs miR-125b and miR-100 suppress metastasis of hepatocellular carcinoma by disrupting the formation of vessels that encapsulate tumour clusters. <b>2016</b> , 240, 450-460	47
1527	Pericytes in diabetes-associated vascular disease. <b>2016</b> , 30, 1643-1650	27



1526	Mutually Supportive Mechanisms of Inflammation and Vascular Remodeling. <b>2016</b> , 326, 201-78	15
1525	Depot-specific differences in angiogenic capacity of adipose tissue in differential susceptibility to diet-induced obesity. <b>2016</b> , 5, 1113-1120	15
1524	Priming Dental Pulp Stem Cells With Fibroblast Growth Factor-2 Increases Angiogenesis of Implanted Tissue-Engineered Constructs Through Hepatocyte Growth Factor and Vascular Endothelial Growth Factor Secretion. <b>2016</b> , 5, 392-404	66
1523	Investigating Neovascularization in Rat Decellularized Intestine: An In Vitro Platform for Studying Angiogenesis. <b>2016</b> , 22, 1317-1326	18
1522	Metabolische Regulation des Blutgefäßwachstums. <b>2016</b> , 22, 597-599	
1521	Molecular Imaging of Angiogenesis in Cardiac Regeneration. <b>2016</b> , 9, 27	15
1520	VEGF-A/Notch-Induced Podosomes Proteolyse Basement Membrane Collagen-IV during Retinal Sprouting Angiogenesis. <b>2016</b> , 17, 484-500	38
1519	cAMP-dependent protein kinase A (PKA) regulates angiogenesis by modulating tip cell behavior in a Notch-independent manner. <b>2016</b> , 143, 3582-3590	20
1518	Targeting PI3K in Cancer: Impact on Tumor Cells, Their Protective Stroma, Angiogenesis, and Immunotherapy. <b>2016</b> , 6, 1090-1105	164
1517	Blood vessel formation and function in bone. <b>2016</b> , 143, 2706-15	216
1516	The Retinoid Agonist Tazarotene Promotes Angiogenesis and Wound Healing. <b>2016</b> , 24, 1745-1759	21
1515	Selective Imaging of VEGFR-1 and VEGFR-2 Using 89Zr-Labeled Single-Chain VEGF Mutants. <b>2016</b> , 57, 1811-1816	20
1514	High-resolution 3D analysis of mouse small-intestinal stroma. <b>2016</b> , 11, 1617-29	27
1513	Membrane-mediated regulation of vascular identity. <b>2016</b> , 108, 65-84	10
1512	Apoptosis regulates endothelial cell number and capillary vessel diameter but not vessel regression during retinal angiogenesis. <b>2016</b> , 143, 2973-82	28
1511	Calcium Phosphates and Angiogenesis: Implications and Advances for Bone Regeneration. <b>2016</b> , 34, 983-992	78
1510	Pathogenesis of Portal Hypertension: Extrahepatic Mechanisms. <b>2016</b> , 15, 199-207	1
1509	Regulation of Hematopoiesis and Osteogenesis by Blood Vessel-Derived Signals. <b>2016</b> , 32, 649-675	85

1508	Regulation and role of endogenously produced hydrogen sulfide in angiogenesis. <b>2016</b> , 113, 175-185	59
1507	Vegfa signals through ERK to promote angiogenesis, but not artery differentiation. <b>2016</b> , 143, 3796-3805	70
1506	Syndecan-4 regulates the bFGF-induced chemotactic migration of endothelial cells. <b>2016</b> , 47, 503-9	9
1505	Inulin based micelles loaded with curcumin or celecoxib with effective anti-angiogenic activity. <b>2016</b> , 93, 141-6	39
1504	Cytoprotective pathways in the vascular endothelium. Do they represent a viable therapeutic target?. <b>2016</b> , 86, 41-52	17
1503	$\beta$ -Catenin C-terminal signals suppress p53 and are essential for artery formation. <b>2016</b> , 7, 12389	21
1502	Role of protein tyrosine phosphatase 1B in cardiovascular diseases. <b>2016</b> , 101, 50-57	31
1501	Ultrastrong trapping of VEGF by graphene oxide: Anti-angiogenesis application. <b>2016</b> , 109, 12-22	44
1500	Differential effect of hypoxia on early endothelial-mesenchymal transition response to transforming growth beta isoforms 1 and 2. <b>2016</b> , 108, 48-63	17
1499	Limb ischemia and vessel regeneration: Is there a role for VEGF?. <b>2016</b> , 86, 18-30	30
1498	Enhanced Antiglioblastoma Efficacy of Neovasculature and Glioma Cells Dual Targeted Nanoparticles. <b>2016</b> , 13, 3506-3517	20
1497	SPECT and PET imaging of angiogenesis and arteriogenesis in pre-clinical models of myocardial ischemia and peripheral vascular disease. <b>2016</b> , 43, 2433-2447	18
1496	Mouse Proepicardium Exhibits a Sprouting Response to Exogenous Proangiogenic Growth Factors in vitro. <b>2016</b> , 53, 83-93	6
1495	Targeting the angio-proteostasis network: Combining the forces against cancer. <b>2016</b> , 167, 1-12	4
1494	Mechanisms and regulation of endothelial VEGF receptor signalling. <b>2016</b> , 17, 611-25	698
1493	Therapeutic angiogenesis: angiogenic growth factors for ischemic heart disease. <b>2016</b> , 12, 585-99	21
1492	Diabetes-Induced Jagged1 Overexpression in Endothelial Cells Causes Retinal Capillary Regression in a Murine Model of Diabetes Mellitus: Insights Into Diabetic Retinopathy. <b>2016</b> , 134, 233-47	35
1491	CdGAP/ARHGAP31, a Cdc42/Rac1 GTPase regulator, is critical for vascular development and VEGF-mediated angiogenesis. <b>2016</b> , 6, 27485	18

1490	Macrophages form functional vascular mimicry channels in vivo. <b>2016</b> , 6, 36659	49
1489	Chloroquine inhibits tumor growth and angiogenesis in malignant pleural effusion. <b>2016</b> , 37, 16249	5
1488	The endothelial adaptor molecule TSA <sub>d</sub> is required for VEGF-induced angiogenic sprouting through junctional c-Src activation. <b>2016</b> , 9, ra72	20
1487	Intrinsic FGF2 and FGF5 promotes angiogenesis of human aortic endothelial cells in 3D microfluidic angiogenesis system. <b>2016</b> , 6, 28832	30
1486	Normal endothelial but impaired arterial development in MAP-Kinase activated protein kinase 2 (MK2) deficient mice. <b>2016</b> , 8, 4	6
1485	Stability and function of adult vasculature is sustained by Akt/Jagged1 signalling axis in endothelium. <b>2016</b> , 7, 10960	53
1484	Glycolytic regulation of cell rearrangement in angiogenesis. <b>2016</b> , 7, 12240	89
1483	Linifanib (ABT-869) Potentiates the Efficacy of Chemotherapeutic Agents through the Suppression of Receptor Tyrosine Kinase-Mediated AKT/mTOR Signaling Pathways in Gastric Cancer. <b>2016</b> , 6, 29382	18
1482	Angiogenic microspheres promote neural regeneration and motor function recovery after spinal cord injury in rats. <b>2016</b> , 6, 33428	39
1481	Design principles for therapeutic angiogenic materials. <b>2016</b> , 1,	109
1480	Pleiotropic action of CpG-ODN on endothelium and macrophages attenuates angiogenesis through distinct pathways. <b>2016</b> , 6, 31873	11
1479	Multi-scale mathematical modelling of tumour growth and microenvironments in anti-angiogenic therapy. <b>2016</b> , 15, 155	10
1478	Cardioprotective effect of Salvianolic acid B on acute myocardial infarction by promoting autophagy and neovascularization and inhibiting apoptosis. <b>2016</b> , 68, 941-52	51
1477	Molecular Targets and Strategies in Cancer Prevention. <b>2016</b> ,	
1476	Developmental regression of hyaloid vasculature is triggered by neurons. <b>2016</b> , 213, 1175-83	35
1475	Targeting Tumor Angiogenesis for Cancer Prevention. <b>2016</b> , 117-149	1
1474	Blocking Blood Flow to Solid Tumors by Destabilizing Tubulin: An Approach to Targeting Tumor Growth. <b>2016</b> , 59, 8685-8711	109
1473	Neurovascular contributions to migraine: Moving beyond vasodilation. <b>2016</b> , 338, 130-144	80

1472	Co-expression of vascular and lymphatic endothelial cell markers on early endothelial cells present in aspirated coronary thrombi from patients with ST-elevation myocardial infarction. <b>2016</b> , 100, 31-8	5
1471	Fecal hemoglobin concentration is useful for risk stratification of advanced colorectal neoplasia. <b>2016</b> , 48, 667-72	7
1470	Antagonist antibodies to vascular endothelial growth factor receptor 2 (VEGFR-2) as anti-angiogenic agents. <b>2016</b> , 164, 204-25	71
1469	Increased 18F-FDG Uptake on PET/CT is Associated With Poor Arterial and Portal Perfusion on Multiphase CT. <b>2016</b> , 41, 296-301	0
1468	Vascularization strategies of engineered tissues and their application in cardiac regeneration. <b>2016</b> , 96, 183-94	98
1467	Cancer stem cells and their vascular niche: Do they benefit from each other?. <b>2016</b> , 380, 561-567	23
1466	Regulation of impaired angiogenesis in diabetic dermal wound healing by microRNA-26a. <b>2016</b> , 91, 151-9	67
1465	Elasticity Modulation of Fibroblast-Derived Matrix for Endothelial Cell Vascular Morphogenesis and Mesenchymal Stem Cell Differentiation. <b>2016</b> , 22, 415-26	4
1464	Serine-arginine protein kinase 1 (SRPK1), a determinant of angiogenesis, is upregulated in prostate cancer and correlates with disease stage and invasion. <b>2016</b> , 69, 171-5	28
1463	DW10075, a novel selective and small-molecule inhibitor of VEGFR, exhibits antitumor activities both in vitro and in vivo. <b>2016</b> , 37, 398-407	15
1462	MMGZ01, an anti-DLL4 monoclonal antibody, promotes nonfunctional vessels and inhibits breast tumor growth. <b>2016</b> , 372, 118-27	30
1461	Heat shock protein 70-1A is a novel angiogenic regulator. <b>2016</b> , 469, 222-8	22
1460	Targeting NCK-Mediated Endothelial Cell Front-Rear Polarity Inhibits Neovascularization. <b>2016</b> , 133, 409-21	47
1459	Monoclonal antibodies-based treatment in gastric cancer: current status and future perspectives. <b>2016</b> , 37, 127-40	8
1458	Angiogenesis inhibitors in gastric and gastroesophageal junction cancer. <b>2016</b> , 19, 31-41	42
1457	Poly(ethylene glycol) Hydrogel Scaffolds Containing Cell-Adhesive and Protease-Sensitive Peptides Support Microvessel Formation by Endothelial Progenitor Cells. <b>2016</b> , 9, 38-54	59
1456	Advances in our understanding of mechanisms of venous thrombus resolution. <b>2016</b> , 9, 69-78	8
1455	Sequential Functions of CPEB1 and CPEB4 Regulate Pathologic Expression of Vascular Endothelial Growth Factor and Angiogenesis in Chronic Liver Disease. <b>2016</b> , 150, 982-97.e30	53

1454	Temporal cardiac remodeling post-myocardial infarction: dynamics and prognostic implications in personalized medicine. <b>2016</b> , 21, 25-47	14
1453	Stepwise pH-responsive nanoparticles containing charge-reversible pullulan-based shells and poly(L-amino ester)/poly(lactic-co-glycolic acid) cores as carriers of anticancer drugs for combination therapy on hepatocellular carcinoma. <b>2016</b> , 226, 193-204	95
1452	C1q acts in the tumour microenvironment as a cancer-promoting factor independently of complement activation. <b>2016</b> , 7, 10346	142
1451	Overview of pre-clinical and clinical studies targeting angiogenesis in pancreatic ductal adenocarcinoma. <b>2016</b> , 381, 201-10	36
1450	Development of the lymphatic system: new questions and paradigms. <b>2016</b> , 143, 924-35	58
1449	Design, synthesis and biological evaluation of indazolepyrimidine based derivatives as anticancer agents with anti-angiogenic and antiproliferative activities. <b>2016</b> , 7, 881-899	18
1448	Blood flow drives lumen formation by inverse membrane blebbing during angiogenesis in vivo. <b>2016</b> , 18, 443-50	101
1447	A new role for cofilin in retinal neovascularization. <b>2016</b> , 129, 1234-49	8
1446	Expression of vascular endothelial growth factor (VEGF)-B and its receptor (VEGFR1) in murine heart, lung and kidney. <b>2016</b> , 365, 51-63	27
1445	Endothelial cell survival during angiogenesis requires the pro-survival protein MCL1. <b>2016</b> , 23, 1371-9	18
1444	Morphogenesis of 3D vascular networks is regulated by tensile forces. <b>2016</b> , 113, 3215-20	55
1443	Role of the tumor stroma in resistance to anti-angiogenic therapy. <b>2016</b> , 25, 26-37	65
1442	Blood Brothers: Hemodynamics and Cell-Matrix Interactions in Endothelial Function. <b>2016</b> , 25, 415-34	18
1441	Microglia-blood vessel interactions: a double-edged sword in brain pathologies. <b>2016</b> , 131, 347-63	152
1440	Smad signal pathway regulates angiogenesis via endothelial cell in an adipose-derived stromal cell/endothelial cell co-culture, 3D gel model. <b>2016</b> , 412, 281-8	13
1439	FOXO1 couples metabolic activity and growth state in the vascular endothelium. <b>2016</b> , 529, 216-20	318
1438	Vascular biology: Transcriptional control of endothelial energy. <b>2016</b> , 529, 160-1	8
1437	Evaluation of Curcumin Capped Copper Nanoparticles as Possible Inhibitors of Human Breast Cancer Cells and Angiogenesis: a Comparative Study with Native Curcumin. <b>2016</b> , 17, 1030-41	33

1436	Pharyngeal arch artery defects and lethal malformations of the aortic arch and its branches in mice deficient for the Hrt1/Hey1 transcription factor. <b>2016</b> , 139, 65-73	11
1435	Genetic and Pharmacological Modulation of Akt1 for Improving Ovarian Graft Revascularization in a Mouse Model. <b>2016</b> , 94, 14	9
1434	Preface. <b>2016</b> , 1379, v	
1433	Targeting fatty acid metabolism in cancer and endothelial cells. <b>2016</b> , 97, 15-21	49
1432	Spinal cord injury repair by implantation of structured hyaluronic acid scaffold with PLGA microspheres in the rat. <b>2016</b> , 364, 17-28	43
1431	AAMP Regulates Endothelial Cell Migration and Angiogenesis Through RhoA/Rho Kinase Signaling. <b>2016</b> , 44, 1462-74	12
1430	Towards autotrophic tissue engineering: Photosynthetic gene therapy for regeneration. <b>2016</b> , 75, 25-36	65
1429	Hydrogels for therapeutic cardiovascular angiogenesis. <b>2016</b> , 96, 31-9	58
1428	Perturbations of the cerebrovascular matrisome: A convergent mechanism in small vessel disease of the brain?. <b>2016</b> , 36, 143-57	66
1427	A mathematical model of tumour angiogenesis: growth, regression and regrowth. <b>2017</b> , 14,	33
1426	Computational Modeling of Tumor-Induced Angiogenesis. <b>2017</b> , 24, 1071-1102	23
1425	Covalently immobilized VEGF-mimicking peptide with gelatin methacrylate enhances microvascularization of endothelial cells. <b>2017</b> , 51, 330-340	37
1424	Gold nanoparticles for regulation of cell function and behavior. <b>2017</b> , 13, 40-60	61
1423	Annexin A8 promotes VEGF-A driven endothelial cell sprouting. <b>2017</b> , 11, 275-287	9
1422	Angiogenesis in the atherosclerotic plaque. <b>2017</b> , 12, 18-34	177
1421	Angiogenesis regulation by nanocarriers bearing RNA interference. <b>2017</b> , 119, 3-19	16
1420	Reactive oxygen species and cancer paradox: To promote or to suppress?. <b>2017</b> , 104, 144-164	499
1419	Vessel pruning or healing: endothelial metabolism as a novel target?. <b>2017</b> , 21, 239-247	31

1418	The neuronal transcription factor NPAS4 is a strong inducer of sprouting angiogenesis and tip cell formation. <b>2017</b> , 113, 222-223	8
1417	Tropoelastin coated PLLA-PLGA scaffolds promote vascular network formation. <b>2017</b> , 122, 72-82	41
1416	The effect of anti-angiogenic drugs on regulatory T cells in the tumor microenvironment. <b>2017</b> , 88, 134-137	11
1415	Novel 6-methoxycarbonyl indolinones bearing a pyrrole Mannich base moiety as angiokinase inhibitors. <b>2017</b> , 25, 1778-1786	5
1414	PDGFR $\alpha$ Regulates Adipose Tissue Expansion and Glucose Metabolism via Vascular Remodeling in Diet-Induced Obesity. <b>2017</b> , 66, 1008-1021	51
1413	Using Affinity To Provide Long-Term Delivery of Antiangiogenic Drugs in Cancer Therapy. <b>2017</b> , 14, 899-907	16
1412	The Polyclonal Antibodies Induced by VBP3 Complex Peptide Targeting Angiogenesis and Tumor Suppression. <b>2017</b> , 23, 469-479	1
1411	Spatially Assembled Bilayer Cell Sheets of Stem Cells and Endothelial Cells Using Thermosensitive Hydrogels for Therapeutic Angiogenesis. <b>2017</b> , 6, 1601340	14
1410	Endothelial Notch1 Activity Facilitates Metastasis. <b>2017</b> , 31, 355-367	161
1409	Vascular CXCR4 Expression Promotes Vessel Sprouting and Sensitivity to Sorafenib Treatment in Hepatocellular Carcinoma. <b>2017</b> , 23, 4482-4492	27
1408	Assessment of MiRNA Regulation of Endothelial Progenitor Cell Mediated Angiogenesis. <b>2017</b> , 1553, 305-314	5
1407	Unravelling the pharmacologic opportunities and future directions for targeted therapies in gastro-intestinal cancers Part 1: GI carcinomas. <b>2017</b> , 174, 145-172	19
1406	Interaction of endothelial cells with macrophages-linking molecular and metabolic signaling. <b>2017</b> , 469, 473-483	22
1405	Growth hormone modulates in vitro endothelial cell migration and formation of capillary-like structures. <b>2017</b> , 41, 577-584	14
1404	Ig-like domain 6 of VCAM-1 is a potential therapeutic target in TNF $\alpha$ -induced angiogenesis. <b>2017</b> , 49, e294	15
1403	Green tea and its anti-angiogenesis effects. <b>2017</b> , 89, 949-956	122
1402	Retinoic Acid Inducible Gene 1 Protein (RIG1)-Like Receptor Pathway Is Required for Efficient Nuclear Reprogramming. <b>2017</b> , 35, 1197-1207	19
1401	pH-sensitive polymeric micelles for the Co-delivery of proapoptotic peptide and anticancer drug for synergistic cancer therapy. <b>2017</b> , 7, 12886-12896	29

1400	Systematic high-content genome-wide RNAi screens of endothelial cell migration and morphology. <b>2017</b> , 4, 170009	16
1399	Modeling angiogenesis: A discrete to continuum description. <b>2017</b> , 95, 012410	14
1398	Combined VEGF and PDGF inhibition for neovascular AMD: anti-angiogenic properties of axitinib on human endothelial cells and pericytes in vitro. <b>2017</b> , 255, 963-972	34
1397	Endothelial cell dynamics in vascular remodelling. <b>2016</b> , 64, 557-563	7
1396	E-Prostanoid 3 Receptor Mediates Sprouting Angiogenesis Through Suppression of the Protein Kinase A/ $\beta$ -Catenin/Notch Pathway. <b>2017</b> , 37, 856-866	14
1395	Sulfated Hyaluronan Alters Endothelial Cell Activation in Vitro by Controlling the Biological Activity of the Angiogenic Factors Vascular Endothelial Growth Factor-A and Tissue Inhibitor of Metalloproteinase-3. <b>2017</b> , 9, 9539-9550	21
1394	Visualizing dynamics of angiogenic sprouting from a three-dimensional microvasculature model using stage-top optical coherence tomography. <b>2017</b> , 7, 42426	17
1393	Endothelial cell metabolism: an update anno 2017. <b>2017</b> , 24, 240-247	22
1392	Immune-Mediated and Hypoxia-Regulated Programs: Accomplices in Resistance to Anti-angiogenic Therapies. <b>2018</b> , 249, 31-61	7
1391	Arginase inhibition suppresses lung metastasis in the 4T1 breast cancer model independently of the immunomodulatory and anti-metastatic effects of VEGFR-2 blockade. <b>2017</b> , 6, e1316437	28
1390	An Optimized 3D Coculture Assay for Preclinical Testing of Pro- and Antiangiogenic Drugs. <b>2017</b> , 22, 602-613	9
1389	Advances in Vision Research, Volume I. <b>2017</b> ,	
1388	Galloylation of polyphenols alters their biological activity. <b>2017</b> , 105, 223-240	56
1387	Tissue growth pressure drives early blood flow in the chicken yolk sac. <b>2017</b> , 246, 573-584	4
1386	Human adult mesangiogenic progenitor cells reveal an early angiogenic potential, which is lost after mesengenic differentiation. <b>2017</b> , 8, 106	9
1385	G-Protein-Coupled Receptor Kinase 2 as a Potential Modulator of the Hallmarks of Cancer. <b>2017</b> , 91, 220-228	29
1384	Notch signaling facilitates crossing of endothelial barriers by tumor cells. <b>2017</b> , 4, e1311828	1
1383	Metabolic Regulation of Angiogenesis in Diabetes and Aging. <b>2017</b> , 32, 290-307	21



1382	Unveiling a VEGF-mimetic peptide sequence in the IQGAP1 protein. <b>2017</b> , 13, 1619-1629	15
1381	Plastic roles of pericytes in the blood-retinal barrier. <b>2017</b> , 8, 15296	148
1380	TOMOGRAPHIC RELATIONSHIPS BETWEEN RETINAL NEOVASCULARIZATION AND THE POSTERIOR VITREOUS IN PROLIFERATIVE DIABETIC RETINOPATHY. <b>2017</b> , 37, 1287-1296	17
1379	Endothelial cell metabolism in health and disease: impact of hypoxia. <b>2017</b> , 36, 2187-2203	106
1378	Dynamic alterations in decoy VEGF receptor-1 stability regulate angiogenesis. <b>2017</b> , 8, 15699	35
1377	Placental labyrinth formation in mice requires endothelial FLRT2/UNC5B signaling. <b>2017</b> , 144, 2392-2401	14
1376	Role of Autophagy in HIV-1 Matrix Protein p17-Driven Lymphangiogenesis. <b>2017</b> , 91,	13
1375	Vascular heterogeneity and specialization in development and disease. <b>2017</b> , 18, 477-494	255
1374	CECR1-mediated cross talk between macrophages and vascular mural cells promotes neovascularization in malignant glioma. <b>2017</b> , 36, 5356-5368	39
1373	TRPM8 inhibits endothelial cell migration via a non-channel function by trapping the small GTPase Rap1. <b>2017</b> , 216, 2107-2130	51
1372	Endothelial cell calpain as a critical modulator of angiogenesis. <b>2017</b> , 1863, 1326-1335	24
1371	Verteporfin suppresses cell survival, angiogenesis and vasculogenic mimicry of pancreatic ductal adenocarcinoma via disrupting the YAP-TEAD complex. <b>2017</b> , 108, 478-487	106
1370	Prognostic and predictive biomarkers in neuroendocrine tumours. <b>2017</b> , 113, 268-282	33
1369	Shear stress-regulated miR-27b controls pericyte recruitment by repressing SEMA6A and SEMA6D. <b>2017</b> , 113, 681-691	25
1368	In vivo intrabursal administration of bioactive lipid sphingosine-1-phosphate enhances vascular integrity in a rat model of ovarian hyperstimulation syndrome. <b>2017</b> , 23, 417-427	7
1367	Central Role of Metabolism in Endothelial Cell Function and Vascular Disease. <b>2017</b> , 32, 126-140	41
1366	The temporal basis of angiogenesis. <b>2017</b> , 372,	32
1365	Predictive biomarkers along gastric cancer pathogenetic pathways. <b>2017</b> , 17, 417-425	22

1364	VEGF165-induced vascular permeability requires NRP1 for ABL-mediated SRC family kinase activation. <b>2017</b> , 214, 1049-1064	36
1363	Dysregulation of Rab37-Mediated Cross-talk between Cancer Cells and Endothelial Cells via Thrombospondin-1 Promotes Tumor Neovasculature and Metastasis. <b>2017</b> , 23, 2335-2345	37
1362	3D Bioprinting for Organ Regeneration. <b>2017</b> , 6, 1601118	254
1361	The Link Between Angiogenesis and Endothelial Metabolism. <b>2017</b> , 79, 43-66	156
1360	Coronary Artery Development: Progenitor Cells and Differentiation Pathways. <b>2017</b> , 79, 1-19	50
1359	Cullin-3 and its adaptor protein ANKFY1 determine the surface level of integrin $\alpha 1$ in endothelial cells. <b>2017</b> , 6, 1707-1719	18
1358	A reversible haploid mouse embryonic stem cell biobank resource for functional genomics. <b>2017</b> , 550, 114-118	42
1357	Transcriptional regulation of endothelial cell behavior during sprouting angiogenesis. <b>2017</b> , 8, 726	48
1356	Combination immunotherapy strategies in advanced non-small cell lung cancer (NSCLC): Does biological rationale meet clinical needs?. <b>2017</b> , 119, 30-39	29
1355	Nogo-B Promotes Angiogenesis in Proliferative Diabetic Retinopathy via VEGF/PI3K/Akt Pathway in an Autocrine Manner. <b>2017</b> , 43, 1742-1754	22
1354	Tacrolimus rescues the signaling and gene expression signature of endothelial ALK1 loss-of-function and improves HHT vascular pathology. <b>2017</b> , 26, 4786-4798	32
1353	Engineered systems for therapeutic angiogenesis. <b>2017</b> , 36, 34-43	13
1352	Michael Potente: No Time to Waste. <b>2017</b> , 121, 490-491	
1351	Stem cell-based peripheral vascular regeneration. <b>2017</b> , 120, 25-40	52
1350	Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK. <b>2017</b> , 114, 10737-10742	24
1349	The Aortic Ring Co-culture Assay: A Convenient Tool to Assess the Angiogenic Potential of Mesenchymal Stromal Cells In Vitro. <b>2017</b> ,	5
1348	CLEC14a-HSP70-1A interaction regulates HSP70-1A-induced angiogenesis. <b>2017</b> , 7, 10666	17
1347	Endothelial adenosine A2a receptor-mediated glycolysis is essential for pathological retinal angiogenesis. <b>2017</b> , 8, 584	47

1346	Optogenetic interrogation of integrin $\alpha$ 5 $\beta$ 1 function in endothelial cells. <b>2017</b> , 130, 3532-3541	16
1345	Combining 2D angiogenesis and 3D osteosarcoma microtissues to improve vascularization. <b>2017</b> , 360, 138-145	20
1344	Antiangiogenic tyrosine kinase inhibitors in colorectal cancer: is there a path to making them more effective?. <b>2017</b> , 80, 661-671	4
1343	Circulating levels of the angiogenesis mediators endoglin, HB-EGF, BMP-9 and FGF-2 in patients with severe sepsis and septic shock. <b>2017</b> , 42, 162-167	9
1342	Therapeutic concentrations of digitoxin inhibit endothelial focal adhesion kinase and angiogenesis induced by different growth factors. <b>2017</b> , 174, 3094-3106	26
1341	Carbon dioxide water-bath treatment augments peripheral blood flow through the development of angiogenesis. <b>2017</b> , 95, 938-944	8
1340	Hyaluronan/Collagen Hydrogels with Sulfated Hyaluronan for Improved Repair of Vascularized Tissue Tune the Binding of Proteins and Promote Endothelial Cell Growth. <b>2017</b> , 17, 1700154	17
1339	Animal models of ocular angiogenesis: from development to pathologies. <b>2017</b> , 31, 4665-4681	75
1338	Intracellular adenosine regulates epigenetic programming in endothelial cells to promote angiogenesis. <b>2017</b> , 9, 1263-1278	42
1337	Monocarboxylate transporter 1 is a key player in glioma-endothelial cell crosstalk. <b>2017</b> , 56, 2630-2642	24
1336	15-Lipoxygenase-1 re-expression in colorectal cancer alters endothelial cell features through enhanced expression of TSP-1 and ICAM-1. <b>2017</b> , 39, 44-54	7
1335	Tissue-Based Biomarkers of Tumor-Vascular Interactions. <b>2017</b> , 55-75	
1334	Roles of PFKFB3 in cancer. <b>2017</b> , 2, 17044	89
1333	The Wnt Inhibitor Apccdd1 Coordinates Vascular Remodeling and Barrier Maturation of Retinal Blood Vessels. <b>2017</b> , 96, 1055-1069.e6	33
1332	Placenta-derived PLX-PAD mesenchymal-like stromal cells are efficacious in rescuing blood flow in hind limb ischemia mouse model by a dose- and site-dependent mechanism of action. <b>2017</b> , 19, 1438-1446	23
1331	Therapeutic siRNA targeting endothelial KDR decreases portosystemic collateralization in portal hypertension. <b>2017</b> , 7, 14791	4
1330	Endothelial cell apoptosis in angiogenesis and vessel regression. <b>2017</b> , 74, 4387-4403	66
1329	Wnt5a and its signaling pathway in angiogenesis. <b>2017</b> , 471, 263-269	34

1328	Salusin- $\beta$ mediates high glucose-induced endothelial injury via disruption of AMPK signaling pathway. <b>2017</b> , 491, 515-521	18
1327	Decreased PGF may contribute to trophoblast dysfunction in fetal growth restriction. <b>2017</b> , 154, 319-329	9
1326	Microenvironmental regulation of tumour angiogenesis. <b>2017</b> , 17, 457-474	848
1325	Identification of Peptidic Antagonists of Vascular Endothelial Growth Factor Receptor 1 by Scanning the Binding Epitopes of Its Ligands. <b>2017</b> , 60, 6598-6606	13
1324	Endothelial Cells. <b>2017</b> , 1003, 71-91	107
1323	Furin as proprotein convertase and its role in normal and pathological biological processes. <b>2017</b> , 11, 87-100	1
1322	Quantitative assessment of angiogenesis and pericyte coverage in human cell-derived vascular sprouts. <b>2017</b> , 37, 2	32
1321	Liposomes with Silk Fibroin Hydrogel Core to Stabilize bFGF and Promote the Wound Healing of Mice with Deep Second-Degree Scald. <b>2017</b> , 6, 1700344	66
1320	Role of glutamine and interlinked asparagine metabolism in vessel formation. <b>2017</b> , 36, 2334-2352	143
1319	Characterization of Semaphorin 6A-Mediated Effects on Angiogenesis Through Regulation of VEGF Signaling. <b>2017</b> , 1493, 345-361	
1318	Activation of GPER suppresses migration and angiogenesis of triple negative breast cancer via inhibition of NF- $\kappa$ B/IL-6 signals. <b>2017</b> , 386, 12-23	71
1317	Nogo-A regulates vascular network architecture in the postnatal brain. <b>2017</b> , 37, 614-631	10
1316	Antiangiogenic Therapeutic Potential of Peptides Derived from the Molecular Motor KIF13B that Transports VEGFR2 to Plasmalemma in Endothelial Cells. <b>2017</b> , 187, 214-224	9
1315	Contribution of pericyte paracrine regulation of the endothelium to angiogenesis. <b>2017</b> , 171, 56-64	44
1314	Neovascularization and functional recovery after intracerebral hemorrhage is conditioned by the Tp53 Arg72Pro single-nucleotide polymorphism. <b>2017</b> , 24, 144-154	28
1313	Inhibition of microRNA-495 Enhances Therapeutic Angiogenesis of Human Induced Pluripotent Stem Cells. <b>2017</b> , 35, 337-350	26
1312	Full-scale, three-dimensional simulation of early-stage tumor growth: The onset of malignancy. <b>2017</b> , 314, 126-146	18
1311	Antiangiogenic effect of betaine on pathologic retinal neovascularization via suppression of reactive oxygen species mediated vascular endothelial growth factor signaling. <b>2017</b> , 90, 19-26	9

1310	Anti-angiogenic effect of a Palladium(II)-Saccharinate Complex of Terpyridine in vitro and in vivo. <b>2017</b> , 109, 26-33	6
1309	The JAK/STAT3 signalling pathway regulated angiogenesis in an endothelial cell/adipose-derived stromal cell co-culture, 3D gel model. <b>2017</b> , 50,	44
1308	Colon cancer-derived myofibroblasts increase endothelial cell migration by glucocorticoid-sensitive secretion of a pro-migratory factor. <b>2017</b> , 89, 19-30	13
1307	EDIL3 knockdown inhibits retinal angiogenesis through the induction of cell cycle arrest in vitro. <b>2017</b> , 16, 4054-4060	7
1306	NAC1 promotes the migration of prostate cancer cells and participates in osteoclastogenesis by negatively regulating IFN $\gamma$ <b>2018</b> , 15, 2921-2928	4
1305	Angiogenesis and Neurogenesis After Ischemic Stroke. <b>2017</b> , 297-317	1
1304	Angiogenesis revisited from a metabolic perspective: role and therapeutic implications of endothelial cell metabolism. <b>2017</b> , 7,	69
1303	Endostatin reverses immunosuppression of the tumor microenvironment in lung carcinoma. <b>2018</b> , 15, 1874-1880	12
1302	Bone morphogenetic protein 4 regulates microRNAs miR-494 and miR-126-5p in control of endothelial cell function in angiogenesis. <b>2017</b> , 117, 734-749	30
1301	Synthesis and Biological Evaluation of Imines Structurally Related to Resveratrol as Dual Inhibitors of VEGF Protein Secretion and hTERT Gene Expression1. <b>2017</b> , 12, 1934578X1701200	2
1300	Endogenous developmental endothelial locus-1 limits ischaemia-related angiogenesis by blocking inflammation. <b>2017</b> , 117, 1150-1163	16
1299	Gastroesophageal Varices. <b>2017</b> , 451-473	2
1298	Bevacizumab in the treatment of NSCLC: patient selection and perspectives. <b>2017</b> , 8, 259-269	25
1297	Melatonin, a Full Service Anti-Cancer Agent: Inhibition of Initiation, Progression and Metastasis. <b>2017</b> , 18,	230
1296	A Review of Anti-Angiogenic Targets for Monoclonal Antibody Cancer Therapy. <b>2017</b> , 18,	90
1295	Tyrosine-Kinase Inhibitors Therapies with Mainly Anti-Angiogenic Activity in Advanced Renal Cell Carcinoma: Value of PET/CT in Response Evaluation. <b>2017</b> , 18,	12
1294	Collateral Damage Intended-Cancer-Associated Fibroblasts and Vasculature Are Potential Targets in Cancer Therapy. <b>2017</b> , 18,	23
1293	Galectin-1 Inhibitor OTX008 Induces Tumor Vessel Normalization and Tumor Growth Inhibition in Human Head and Neck Squamous Cell Carcinoma Models. <b>2017</b> , 18,	22

1292	G Protein-Coupled Receptors at the Crossroad between Physiologic and Pathologic Angiogenesis: Old Paradigms and Emerging Concepts. <b>2017</b> , 18,	21
1291	Synergistic Effects of Danshen ( <i>Salvia Miltiorrhizae Radix et Rhizoma</i> ) and Sanqi ( <i>Notoginseng Radix et Rhizoma</i> ) Combination in Angiogenesis Behavior in EAhy 926 Cells. <b>2017</b> , 4,	7
1290	Low-Density Lipoprotein Receptor-Related Protein-1 Signaling in Angiogenesis. <b>2017</b> , 4, 34	22
1289	How Endothelial Cells Adapt Their Metabolism to Form Vessels in Tumors. <b>2017</b> , 8, 1750	65
1288	Accomplices of the Hypoxic Tumor Microenvironment Compromising Antitumor Immunity: Adenosine, Lactate, Acidosis, Vascular Endothelial Growth Factor, Potassium Ions, and Phosphatidylserine. <b>2017</b> , 8, 1887	35
1287	Overlapping Mechanisms of Peripheral Nerve Regeneration and Angiogenesis Following Sciatic Nerve Transection. <b>2017</b> , 11, 323	42
1286	Development and Function of the Blood-Brain Barrier in the Context of Metabolic Control. <b>2017</b> , 11, 224	85
1285	Homocysteine Induces Apoptosis of Human Umbilical Vein Endothelial Cells via Mitochondrial Dysfunction and Endoplasmic Reticulum Stress. <b>2017</b> , 2017, 5736506	35
1284	Automated tracking and quantification of angiogenic vessel formation in 3D microfluidic devices. <b>2017</b> , 12, e0186465	3
1283	Structure and Functions of Blood Vessels and Vascular Niches in Bone. <b>2017</b> , 2017, 5046953	44
1282	The Role of PDGFs and PDGFRs in Colorectal Cancer. <b>2017</b> , 2017, 4708076	58
1281	Ginsenoside Rd regulates the Akt/mTOR/p70S6K signaling cascade and suppresses angiogenesis and breast tumor growth. <b>2017</b> , 38, 359-367	28
1280	In Vitro Human Umbilical Vein Endothelial Cells Response to Ionic Dissolution Products from Lithium-Containing 45S5 Bioactive Glass. <b>2017</b> , 10,	24
1279	Decoding Noncoding RNAs: Role of MicroRNAs and Long Noncoding RNAs in Ocular Neovascularization. <b>2017</b> , 7, 3155-3167	26
1278	Angiogenic potency evaluation of cell therapy candidates by a novel application of the in vitro aortic ring assay. <b>2017</b> , 8, 184	12
1277	Methanolic extract of <i>Euchelus asper</i> exhibits in-ovo anti-angiogenic and in vitro anti-proliferative activities. <b>2017</b> , 50, 41	6
1276	COX-2 inhibition in the endothelium induces glucose metabolism normalization and impairs tumor progression. <b>2018</b> , 17, 2937-2944	10
1275	VEGF-induced intracellular Ca oscillations are down-regulated and do not stimulate angiogenesis in breast cancer-derived endothelial colony forming cells. <b>2017</b> , 8, 95223-95246	34

1274	A BMP4-angiomiR connection in angiogenesis. <b>2017</b> , 117, 650	2
1273	is required for disturbed flow-induced metabolic reprogramming in human and porcine vascular endothelium. <b>2017</b> , 6,	73
1272	Notch controls endothelial cells. <b>2017</b> , 4, 45-46	4
1271	Evolving Significance and Future Relevance of Anti-Angiogenic Activity of mTOR Inhibitors in Cancer Therapy. <b>2017</b> , 9,	28
1270	Eupafolin Exhibits Potent Anti-Angiogenic and Antitumor Activity in Hepatocellular Carcinoma. <b>2017</b> , 13, 701-711	12
1269	Baicalein reduces angiogenesis in the inflammatory microenvironment via inhibiting the expression of AP-1. <b>2017</b> , 8, 883-899	17
1268	Expansion of human umbilical cord blood hematopoietic progenitors with cord vein pericytes. <b>2017</b> , 41, 49-57	3
1267	Long non-coding RNAs within the tumour microenvironment and their role in tumour-stroma cross-talk. <b>2018</b> , 421, 94-102	18
1266	Serum/glucocorticoid-regulated kinase 1 as a novel transcriptional target of bone morphogenetic protein-ALK1 receptor signaling in vascular endothelial cells. <b>2018</b> , 21, 415-423	25
1265	The impact of exclusion processes on angiogenesis models. <b>2018</b> , 77, 1721-1759	5
1264	The dark side of tumor-associated endothelial cells. <b>2018</b> , 35, 35-47	50
1263	Vascular Tissue Engineering: Progress, Challenges, and Clinical Promise. <b>2018</b> , 22, 340-354	185
1262	Primary cilia sensitize endothelial cells to BMP and prevent excessive vascular regression. <b>2018</b> , 217, 1651-1665	56
1261	Bioactive Glasses: Sprouting Angiogenesis in Tissue Engineering. <b>2018</b> , 36, 430-444	171
1260	Design, synthesis and biological evaluation of pyrimidine-based derivatives as VEGFR-2 tyrosine kinase inhibitors. <b>2018</b> , 78, 393-405	16
1259	EphrinB2/EphB4 signaling regulates non-sprouting angiogenesis by VEGF. <b>2018</b> , 19,	45
1258	PDCD5 says no to NO. <b>2018</b> , 115, 4535-4537	1
1257	Manipulation of VEGF-induced angiogenesis by 2-N, 6-O-sulfated chitosan. <b>2018</b> , 71, 510-521	33

1256	Basic Components of Vascular Connective Tissue and Extracellular Matrix. <b>2018</b> , 81, 95-127	22
1255	Neurovascular Communication during CNS Development. <b>2018</b> , 45, 10-32	76
1254	Synthesis and Biological Evaluation of Indole-2-carbohydrazide Derivatives as Anticancer Agents with Anti-angiogenic and Antiproliferative Activities. <b>2018</b> , 13, 1181-1192	7
1253	Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells. <b>2018</b> , 45, 33-52.e12	135
1252	Mechanisms of Cardiac Repair and Regeneration. <b>2018</b> , 122, 1151-1163	87
1251	Survivin regulated by autophagy mediates hyperglycemia-induced vascular endothelial cell dysfunction. <b>2018</b> , 364, 152-159	7
1250	CD157 Marks Tissue-Resident Endothelial Stem Cells with Homeostatic and Regenerative Properties. <b>2018</b> , 22, 384-397.e6	92
1249	Recent advances in anti-angiogenic nanomedicines for cancer therapy. <b>2018</b> , 10, 5393-5423	46
1248	The unfolded protein response regulator ATF6 promotes mesodermal differentiation. <b>2018</b> , 11,	34
1247	An optimised protocol for platelet-rich plasma preparation to improve its angiogenic and regenerative properties. <b>2018</b> , 8, 1513	58
1246	Biomaterials for revascularization and immunomodulation after spinal cord injury. <b>2018</b> , 13, 044105	33
1245	Basic mechanisms of vascularization in endometriosis and their clinical implications. <b>2018</b> , 24, 207-224	49
1244	Wu-Tou Decoction Inhibits Angiogenesis in Experimental Arthritis by Targeting VEGFR2 Signaling Pathway. <b>2018</b> , 21, 442-455	10
1243	The Rab-effector protein RABEP2 regulates endosomal trafficking to mediate vascular endothelial growth factor receptor-2 (VEGFR2)-dependent signaling. <b>2018</b> , 293, 4805-4817	16
1242	Blood and lymphatic vessels contribute to the impact of the immune microenvironment on clinical outcome in non-small-cell lung cancer. <b>2018</b> , 53, 1205-1213	6
1241	Inhibition of Endothelial Notch Signaling Impairs Fatty Acid Transport and Leads to Metabolic and Vascular Remodeling of the Adult Heart. <b>2018</b> , 137, 2592-2608	61
1240	CT measurements of central pulmonary vasculature as predictors of severe exacerbation in COPD. <b>2018</b> , 97, e9542	7
1239	Clonal Expansion of Endothelial Cells Contributes to Ischemia-Induced Neovascularization. <b>2018</b> , 122, 670-677	54



1238	Angiogenesis. <b>2018</b> , 85-96	2
1237	Extracellular Lactate Dehydrogenase A Release From Damaged Neurons Drives Central Nervous System Angiogenesis. <b>2018</b> , 27, 71-85	10
1236	El suero de seno coronario tras un infarto de miocardio induce angiogénesis y reparación de la obstrucción microvascular. Implicación del factor inducible por hipoxia-1A. <b>2018</b> , 71, 440-449	12
1235	Design of Polymeric Culture Substrates to Promote Proangiogenic Potential of Stem Cells. <b>2018</b> , 18, 1700340	
1234	A Vascular Endothelial Growth Factor-Dependent Sprouting Angiogenesis Assay Based on an In Vitro Human Blood Vessel Model for the Study of Anti-Angiogenic Drugs. <b>2018</b> , 27, 225-236	44
1233	Noninvasive small-animal imaging of galectin-1 upregulation for predicting tumor resistance to radiotherapy. <b>2018</b> , 158, 1-9	12
1232	External Volume Expansion Up-Regulates CXCL12 Expression and Enhances Mesenchymal Stromal Cell Recruitment toward Expanded Prefabricated Adipose Tissue in Rats. <b>2018</b> , 141, 526e-537e	6
1231	PDGFB as a vascular normalization agent in an ovarian cancer model treated with a gamma-secretase inhibitor. <b>2018</b> , 233, 5949-5961	4
1230	Establishment of a three-dimensional model to study human uterine angiogenesis. <b>2018</b> , 24, 74-93	3
1229	Microfluidic Tumor-Vascular Model to Study Breast Cancer Cell Invasion and Intravasation. <b>2018</b> , 7, e1701257	63
1228	Inhibition of VEGF-dependent angiogenesis and tumor angiogenesis by an optimized antibody targeting CLEC14a. <b>2018</b> , 12, 356-372	21
1227	Yes-Associated Protein Promotes Angiogenesis via Signal Transducer and Activator of Transcription 3 in Endothelial Cells. <b>2018</b> , 122, 591-605	64
1226	Inactivation of the serine protease HTRA1 inhibits tumor growth by deregulating angiogenesis. <b>2018</b> , 37, 4260-4272	16
1225	Parvins Are Required for Endothelial Cell-Cell Junctions and Cell Polarity During Embryonic Blood Vessel Formation. <b>2018</b> , 38, 1147-1158	8
1224	Hepatocellular Carcinoma Cell-Secreted Exosomal MicroRNA-210 Promotes Angiogenesis In Vitro and In Vivo. <b>2018</b> , 11, 243-252	118
1223	Arylureas derived from colchicine: Enhancement of colchicine oncogene downregulation activity. <b>2018</b> , 150, 817-828	7
1222	Induction of hemangiosarcoma in mice after chronic treatment with S1P-modulator siponimod and its lack of relevance to rat and human. <b>2018</b> , 92, 1877-1891	1
1221	3D Endothelial Cell Migration. <b>2018</b> , 1749, 51-58	3

1220	The Adipose Stromal Vascular Fraction as a Complex Cellular Source for Tissue Engineering Applications. <b>2018</b> , 24, 289-299	40
1219	The role of Hippo/yes-associated protein signalling in vascular remodelling associated with cardiovascular disease. <b>2018</b> , 175, 1354-1361	51
1218	TGF- $\beta$ Signaling in Control of Cardiovascular Function. <b>2018</b> , 10,	129
1217	Aquaporins: Novel Targets for Age-Related Ocular Disorders. <b>2018</b> , 34, 177-187	7
1216	Current understanding of the pathophysiology of chronic thromboembolic pulmonary hypertension. <b>2018</b> , 164, 136-144	18
1215	Synthesis and biological evaluation of arginyl-diosgenin conjugate as a potential bone tissue engineering agent. <b>2018</b> , 91, 17-28	4
1214	Coronary Serum Obtained After Myocardial Infarction Induces Angiogenesis and Microvascular Obstruction Repair. Role of Hypoxia-inducible Factor-1A. <b>2018</b> , 71, 440-449	5
1213	Early Macrophage Infiltration Improves Fat Graft Survival by Inducing Angiogenesis and Hematopoietic Stem Cell Recruitment. <b>2018</b> , 141, 376-386	34
1212	Bevacizumab-mediated tumor vasculature remodelling improves tumor infiltration and antitumor efficacy of GD2-CAR T cells in a human neuroblastoma preclinical model. <b>2017</b> , 7, e1378843	48
1211	Hold Me, but Not Too Tight-Endothelial Cell-Cell Junctions in Angiogenesis. <b>2018</b> , 10,	35
1210	Oroxilin A prevents angiogenesis of LSECs in liver fibrosis via inhibition of YAP/HIF-1 $\beta$ signaling. <b>2018</b> , 119, 2258-2268	26
1209	The skeletal vascular system - Breathing life into bone tissue. <b>2018</b> , 115, 50-58	46
1208	Biology of Bone: The Vasculature of the Skeletal System. <b>2018</b> , 8,	34
1207	Endothelial Cell Metabolism. <b>2018</b> , 98, 3-58	201
1206	Intermedin Enlarges the Vascular Lumen by Inducing the Quiescent Endothelial Cell Proliferation. <b>2018</b> , 38, 398-413	17
1205	Monocytes/Macrophages promote vascular CXCR4 expression via the ERK pathway in hepatocellular carcinoma. <b>2018</b> , 7, e1408745	21
1204	LW-215, a newly synthesized flavonoid, exhibits potent anti-angiogenic activity in vitro and in vivo. <b>2018</b> , 642, 533-541	4
1203	Inhibition of JAK2/STAT3 reduces tumor-induced angiogenesis and myeloid-derived suppressor cells in head and neck cancer. <b>2018</b> , 57, 429-439	43

1202	Antiangiogenic compounds: well-established drugs versus emerging natural molecules. <b>2018</b> , 415, 86-105	14
1201	Endothelial Cell Metabolism in Health and Disease. <b>2018</b> , 28, 224-236	121
1200	Retinal vasculature development in health and disease. <b>2018</b> , 63, 1-19	115
1199	Interdisciplinary Advances Towards Understanding and Enhancing the Therapeutic Potential of Stem Cell-Based Therapies for Ischaemic Stroke. <b>2018</b> , 21-45	
1198	Fashioning blood vessels by ROS signalling and metabolism. <b>2018</b> , 80, 35-42	12
1197	Mechanisms of Drug Resistance in Cancer Therapy. <b>2018</b> ,	
1196	Therapeutic potential of tumor associated macrophages. <b>2018</b> , 3, 27-27	
1195	Polysialic acid is released by human umbilical vein endothelial cells (HUVEC) in vitro. <b>2018</b> , 8, 64	5
1194	The impact of PI3K inhibitors on breast cancer cell and its tumor microenvironment. <b>2018</b> , 6, e5092	25
1193	Endothelial cell rearrangements during vascular patterning require PI3-kinase-mediated inhibition of actomyosin contractility. <b>2018</b> , 9, 4826	30
1192	A Fully Discrete Open Source Framework for the Simulation of Vascular Remodelling. <b>2018</b> , 2018, 4552-4555	2
1191	Editorial: Vascularization for Regenerative Medicine. <b>2018</b> , 6, 175	8
1190	aPKC controls endothelial growth by modulating c-Myc via FoxO1 DNA-binding ability. <b>2018</b> , 9, 5357	19
1189	NATURAL ANTIOXIDANTS AS DEFENSE SYSTEM AGAINST CANCER. <b>2018</b> , 11, 38	12
1188	Cystatin C Expression is Promoted by VEGFA Blocking, With Inhibitory Effects on Endothelial Cell Angiogenic Functions Including Proliferation, Migration, and Chorioallantoic Membrane Angiogenesis. <b>2018</b> , 7, e009167	10
1187	The precise molecular signals that control endothelial cell-cell adhesion within the vessel wall. <b>2018</b> , 46, 1673-1680	5
1186	The Warburg Effect in Endothelial Cells and its Potential as an Anti-angiogenic Target in Cancer. <b>2018</b> , 6, 100	54
1185	Endothelial Cells: New Players in Obesity and Related Metabolic Disorders. <b>2018</b> , 29, 781-794	29

1184	Female Mice Have Higher Angiogenesis in Perigonadal Adipose Tissue Than Males in Response to High-Fat Diet. <b>2018</b> , 9, 1452	20
1183	The role of endothelial colony forming cells in kidney cancer's pathogenesis, and in resistance to anti-VEGFR agents and mTOR inhibitors: A speculative review. <b>2018</b> , 132, 89-99	22
1182	Pattern of myogenesis and vascular repair in early and advanced lesions of juvenile dermatomyositis. <b>2018</b> , 28, 973-985	6
1181	Erythro-myeloid progenitors contribute endothelial cells to blood vessels. <b>2018</b> , 562, 223-228	79
1180	Loss of pyruvate kinase M2 limits growth and triggers innate immune signaling in endothelial cells. <b>2018</b> , 9, 4077	34
1179	Probing the mechanisms of extracellular vesicle biogenesis and function in cancer. <b>2018</b> , 46, 1137-1146	23
1178	Endothelial-Specific Cre Mouse Models. <b>2018</b> , 38, 2550-2561	70
1177	Early angiogenesis detected by PET imaging with Cu-NODAGA-RGD is predictive of bone critical defect repair. <b>2018</b> , 82, 111-121	16
1176	Cellular and Molecular Heterogeneity Associated with Vessel Formation Processes. <b>2018</b> , 2018, 6740408	25
1175	Regulation and Function of Cardiac Neural Crest Cells. <b>2018</b> ,	1
1174	WT1 expression in vessels varies with histopathological grade in tumour-bearing and control tissue from patients with breast cancer. <b>2018</b> , 119, 1508-1517	6
1173	The Role of Endothelial Surface Glycocalyx in Mechanosensing and Transduction. <b>2018</b> , 1097, 1-27	40
1172	The Instructive Role of the Bone Marrow Niche in Aging and Leukemia. <b>2018</b> , 4, 291-298	14
1171	Zebrafish Angiogenesis and Valve Morphogenesis: Insights from Development and Disease Models. <b>2018</b> , 129-150	
1170	Zebrafish, Medaka, and Other Small Fishes. <b>2018</b> ,	2
1169	Pro-angiogenic peptides in biomedicine. <b>2018</b> , 660, 72-86	17
1168	Mechanical Forces in Tumor Angiogenesis. <b>2018</b> , 1092, 91-112	52
1167	MAGP-1 and fibronectin control EGFL7 functions by driving its deposition into distinct endothelial extracellular matrix locations. <b>2018</b> , 285, 4394-4412	9

1166	Use of Nutraceuticals in Angiogenesis-Dependent Disorders. <b>2018</b> , 23,	14
1165	Endothelium-specific CYP2J2 overexpression improves cardiac dysfunction by promoting angiogenesis via Jagged1/Notch1 signaling. <b>2018</b> , 123, 118-127	23
1164	Th1-Biased Immunomodulation and In Vivo Antitumor Effect of a Novel Piperine Analogue. <b>2018</b> , 19,	8
1163	Computational modelling suggests complex interactions between interstitial flow and tumour angiogenesis. <b>2018</b> , 15,	20
1162	ALDH1 Expression and Vasculogenic Mimicry Are Positively Associated with Poor Prognosis in Patients with Breast Cancer. <b>2018</b> , 49, 961-970	16
1161	Renal cancer: new models and approach for personalizing therapy. <b>2018</b> , 37, 217	9
1160	Preparation of the Wound Bed of the Diabetic Foot Ulcer. <b>2018</b> , 257-264	1
1159	Phenotypic miRNA Screen Identifies miR-26b to Promote the Growth and Survival of Endothelial Cells. <b>2018</b> , 13, 29-43	19
1158	Retinal Vasculature in Development and Diseases. <b>2018</b> , 4, 101-122	60
1157	Platelet communication with the vascular wall: role of platelet-derived microparticles and non-coding RNAs. <b>2018</b> , 132, 1875-1888	7
1156	Osthole attenuates angiogenesis in an orthotopic mouse model of hepatocellular carcinoma via the downregulation of nuclear factor- $\kappa$ B and vascular endothelial growth factor. <b>2018</b> , 16, 4471-4479	7
1155	Junction-based lamellipodia drive endothelial cell rearrangements in vivo via a VE-cadherin-F-actin based oscillatory cell-cell interaction. <b>2018</b> , 9, 3545	25
1154	Research Progress of Angiogenesis in Atherosclerotic Plaque in Chinese Medicine and Western Medicine. <b>2018</b> , 24, 950-955	
1153	Midgut Laterality Is Driven by Hyaluronan on the Right. <b>2018</b> , 46, 533-551.e5	19
1152	Consensus guidelines for the use and interpretation of angiogenesis assays. <b>2018</b> , 21, 425-532	285
1151	Engineering of vascularized 3D cell constructs to model cellular interactions through a vascular network. <b>2018</b> , 12, 042204	24
1150	Innate effector cells in angiogenesis and lymphangiogenesis. <b>2018</b> , 53, 152-160	64
1149	Effects of CO water-bath treatment on blood flow and angiogenesis in ischemic hind limb of diabetic rat. <b>2018</b> , 96, 1017-1021	3

1148	Endothelial loss of Fzd5 stimulates PKC/Ets1-mediated transcription of Angpt2 and Flt1. <b>2018</b> , 21, 805-821	11
1147	Angiogenesis and vascular stability in eicosanoids and cancer. <b>2018</b> , 37, 425-438	13
1146	Stem Cell Sources and Graft Material for Vascular Tissue Engineering. <b>2018</b> , 14, 642-667	25
1145	Current and future biomarkers in gastric cancer. <b>2018</b> , 103, 1688-1700	30
1144	MPDZ promotes DLL4-induced Notch signaling during angiogenesis. <b>2018</b> , 7,	11
1143	Glycosylation as new pharmacological strategies for diseases associated with excessive angiogenesis. <b>2018</b> , 191, 92-122	27
1142	Hydroxytyrosol Ameliorates Endothelial Function under Inflammatory Conditions by Preventing Mitochondrial Dysfunction. <b>2018</b> , 2018, 9086947	36
1141	Control of endothelial cell polarity and sprouting angiogenesis by non-centrosomal microtubules. <b>2018</b> , 7,	35
1140	Angiogenic and pleiotropic effects of VEGF165 and HGF combined gene therapy in a rat model of myocardial infarction. <b>2018</b> , 13, e0197566	19
1139	PET Imaging of Receptor Tyrosine Kinases in Cancer. <b>2018</b> , 17, 1625-1636	27
1138	Emerging cellular functions of the lipid metabolizing enzyme 15-Lipoxygenase-1. <b>2018</b> , 51, e12472	20
1137	Histone demethylase KDM4D promotes gastrointestinal stromal tumor progression through HIF1 $\alpha$ /VEGFA signalling. <b>2018</b> , 17, 107	17
1136	Characterization and Validation of a Three-Dimensional Multi-Cellular Culture Model to Study Heterotypic Interactions in Colorectal Cancer Cell Growth, Invasion and Metastasis. <b>2018</b> , 6, 97	18
1135	The Role of Inflammation and Inflammatory Mediators in the Development, Progression, Metastasis, and Chemoresistance of Epithelial Ovarian Cancer. <b>2018</b> , 10,	61
1134	Endothelial Regeneration of Large Vessels Is a Biphasic Process Driven by Local Cells with Distinct Proliferative Capacities. <b>2018</b> , 23, 210-225.e6	84
1133	Intriguing Roles for Endothelial ADAM10/Notch Signaling in the Development of Organ-Specific Vascular Beds. <b>2018</b> , 98, 2025-2061	28
1132	Antiangiogenic effects of AA-PMe on HUVECs in vitro and zebrafish in vivo. <b>2018</b> , 11, 1871-1884	9
1131	PDGF-BB regulates splitting angiogenesis in skeletal muscle by limiting VEGF-induced endothelial proliferation. <b>2018</b> , 21, 883-900	67

1130	Fucosylated Antigens in Cancer: An Alliance toward Tumor Progression, Metastasis, and Resistance to Chemotherapy. <b>2018</b> , 8, 39	60
1129	Sema3E/PlexinD1 inhibition is a therapeutic strategy for improving cerebral perfusion and restoring functional loss after stroke in aged rats. <b>2018</b> , 70, 102-116	17
1128	Titanium-based implant comprising a porous microstructure assembled with nanoleaves and controllable silicon-ion release for enhanced osseointegration. <b>2018</b> , 6, 5100-5114	13
1127	Chloroquine Used in Combination with Chemotherapy Synergistically Suppresses Growth and Angiogenesis and. <b>2018</b> , 38, 4011-4020	9
1126	Fibrocytes: A Novel Stromal Cells to Regulate Resistance to Anti-Angiogenic Therapy and Cancer Progression. <b>2017</b> , 19,	9
1125	Microfabrication-Based Three-Dimensional (3-D) Extracellular Matrix Microenvironments for Cancer and Other Diseases. <b>2018</b> , 19,	12
1124	PAR-3 controls endothelial planar polarity and vascular inflammation under laminar flow. <b>2018</b> , 19,	17
1123	Tumor targeting via EPR: Strategies to enhance patient responses. <b>2018</b> , 130, 17-38	618
1122	Control of Blood Vessel Formation by Notch Signaling. <b>2018</b> , 1066, 319-338	23
1121	Imatinib Ameliorated Retinal Neovascularization by Suppressing PDGFR- $\alpha$ and PDGFR- $\beta$ <b>2018</b> , 48, 263-273	13
1120	Micropatterning as a tool to identify regulatory triggers and kinetics of actin-mediated endothelial mechanosensing. <b>2018</b> , 131,	16
1119	Proteomic identification of moesin upon exposure to acrolein. <b>2018</b> , 16, 2	
1118	Reassessing endothelial-to-mesenchymal transition in cardiovascular diseases. <b>2018</b> , 15, 445-456	100
1117	PolNet: A Tool to Quantify Network-Level Cell Polarity and Blood Flow in Vascular Remodeling. <b>2018</b> , 114, 2052-2058	11
1116	Antiarthritic Effects of Sorafenib in Rats with Adjuvant-Induced Arthritis. <b>2018</b> , 301, 1519-1526	7
1115	Establishment and characterization of a carcinoma-associated fibroblast cell line derived from a human salivary gland adenoid cystic carcinoma. <b>2018</b> , 24, 11-18	8
1114	Current Challenges of Cancer Anti-angiogenic Therapy and the Promise of Nanotherapeutics. <b>2018</b> , 8, 533-548	119
1113	The Role of Angiogenesis in Coronary Artery Disease: A Double-Edged Sword: Intraplaque Angiogenesis in Physiopathology and Therapeutic Angiogenesis for Treatment. <b>2018</b> , 24, 451-464	10

1112	Neovascularization: an attractive but tricky target in thyroid cancer. <b>2018</b> , 22, 799-810	5
1111	Vitamin D and the Cardiovascular System. <b>2018</b> , 545-562	1
1110	Targeting the Tie2- $\beta$ integrin axis with bi-specific reagents for the inhibition of angiogenesis. <b>2018</b> , 16, 92	8
1109	Biologically guided flap stability: the role of flap thickness including periosteum retention on the performance of the coronally advanced flap-A double-blind randomized clinical trial. <b>2018</b> , 45, 1238-1246	10
1108	The Hypoxia-Inducible Factor-1 $\beta$ in Angiogenesis and Cancer: Insights from the Drosophila Model. <b>2018</b> ,	2
1107	The Drug Developments of Hydrogen Sulfide on Cardiovascular Disease. <b>2018</b> , 2018, 4010395	42
1106	Applications of tumor chip technology. <b>2018</b> , 18, 2893-2912	58
1105	Anthocyanins from Hibiscus sabdariffa calyx attenuate in vitro and in vivo melanoma cancer metastasis. <b>2018</b> , 48, 614-631	25
1104	Overview of advances in vasculogenic mimicry - a potential target for tumor therapy. <b>2018</b> , 10, 2429-2437	60
1103	Serum leucine-rich $\alpha$ -glycoprotein is elevated in patients with systemic lupus erythematosus and correlates with disease activity. <b>2018</b> , 486, 253-258	6
1102	Recent Advances in the Development of Indazole-based Anticancer Agents. <b>2018</b> , 13, 1490-1507	63
1101	Oxidized phospholipids regulate amino acid metabolism through MTHFD2 to facilitate nucleotide release in endothelial cells. <b>2018</b> , 9, 2292	26
1100	Exosomes in Tumor Angiogenesis: Multifunctional Messengers With Mixed Intentions. <b>2018</b> , 235-245	
1099	The reciprocal function and regulation of tumor vessels and immune cells offers new therapeutic opportunities in cancer. <b>2018</b> , 52, 107-116	46
1098	Isolation and characterization of endothelial colony-forming cells from mononuclear cells of rat bone marrow. <b>2018</b> , 370, 116-126	10
1097	Evaluation of drug mechanism and efficacy of a novel anti-angiogenic agent, TTAC-0001, using multi-modality bioimaging in a mouse breast cancer orthotopic model. <b>2018</b> , 13, e0187063	2
1096	Development of the renal vasculature. <b>2019</b> , 91, 132-146	17
1095	Pro- and antiangiogenic therapies: current status and clinical implications. <b>2019</b> , 33, 34-48	28



1094	Metabolism within the tumor microenvironment and its implication on cancer progression: An ongoing therapeutic target. <b>2019</b> , 39, 70-113	41
1093	Pharmacological strategies to inhibit intra-plaque angiogenesis in atherosclerosis. <b>2019</b> , 112, 72-78	18
1092	A network map of netrin receptor UNC5B-mediated signaling. <b>2019</b> , 13, 121-127	4
1091	Corpus Callosum Vasculature Predicts White Matter Microstructure Abnormalities after Pediatric Mild Traumatic Brain Injury. <b>2018</b> ,	13
1090	The Immunogenicity and Immunoprotection of VBP3 Multi-epitope Vaccine Targeting Angiogenesis and Tumor Inhibition in Lung Cancer-Bearing Mice. <b>2019</b> , 25, 215-225	2
1089	Circulating Proangiogenic Cells and Proteins in Patients with Glioma and Acute Myocardial Infarction: Differences in Neovascularization between Neoplasia and Tissue Regeneration. <b>2019</b> , 2019, 3560830	4
1088	Utilizing platelet-rich fibrin bioscaffold at the graft site improves the structure and function of mice ovarian grafts. <b>2019</b> , 14, 409-422	1
1087	VEGF and FGF-2: Promising targets for the treatment of respiratory disorders. <b>2019</b> , 156, 33-46	51
1086	Blood flow-mediated gene transfer and siRNA-knockdown in the developing vasculature in a spatio-temporally controlled manner in chicken embryos. <b>2019</b> , 456, 8-16	2
1085	Tissue Cytokine IL-33 Modulates the Cytotoxic CD8 T Lymphocyte Activity During Nutrient Deprivation by Regulation of Lineage-Specific Differentiation Programs. <b>2019</b> , 10, 1698	7
1084	Endothelial Ca Signaling, Angiogenesis and Vasculogenesis: just What It Takes to Make a Blood Vessel. <b>2019</b> , 20,	63
1083	Capsaicinoids: Multiple effects on angiogenesis, invasion and metastasis in human cancers. <b>2019</b> , 118, 109317	17
1082	Synthesis of Dextran-Phenoxodiol and Evaluation of Its Physical Stability and Biological Activity. <b>2019</b> , 7, 183	4
1081	3D bioprinting of collagen to rebuild components of the human heart. <b>2019</b> , 365, 482-487	629
1080	Balance of interstitial flow magnitude and vascular endothelial growth factor concentration modulates three-dimensional microvascular network formation. <b>2019</b> , 3, 036102	27
1079	Involvement of TRPV1 and TRPV4 Channels in Retinal Angiogenesis. <b>2019</b> , 60, 3297-3309	12
1078	Retinoid and Reginoid Signaling. <b>2019</b> ,	
1077	Prospect of immunotherapy combined with anti-angiogenic agents in patients with advanced non-small cell lung cancer. <b>2019</b> , 11, 7707-7719	18

1076	The impact of angiogenesis inhibitors on survival of patients with small cell lung cancer. <b>2019</b> , 8, 5930-5938	10
1075	Gene expression of growth factors with angiogenic potential in human dental pulp tissue from teeth with complete and incomplete root development. <b>2019</b> , 52, 1716-1722	3
1074	State-of-the-Art Strategies for the Vascularization of Three-Dimensional Engineered Organs. <b>2019</b> , 35, 77-89	17
1073	IL-1 Family Cytokine Regulation of Vascular Permeability and Angiogenesis. <b>2019</b> , 10, 1426	82
1072	Competing Fluid Forces Control Endothelial Sprouting in a 3-D Microfluidic Vessel Bifurcation Model. <b>2019</b> , 10,	15
1071	Design and Synthesis of Novel Thiazolo[5,4-d]pyrimidine Derivatives as Potential Angiogenesis Inhibitors. <b>2019</b> , 16, e1900232	1
1070	Apelin inhibition prevents resistance and metastasis associated with anti-angiogenic therapy. <b>2019</b> , 11, e9266	45
1069	Regulatory pathways governing murine coronary vessel formation are dysregulated in the injured adult heart. <b>2019</b> , 10, 3276	9
1068	The strigolactone analog GR-24 inhibits angiogenesis in vivo and in vitro by a mechanism involving cytoskeletal reorganization and VEGFR2 signalling. <b>2019</b> , 168, 366-383	6
1067	VEGFR2 activation mediates the pro-angiogenic activity of BMP4. <b>2019</b> , 22, 521-533	18
1066	cRGD-functionalized nanoparticles for combination therapy of anti-endothelium dependent vessels and anti-vasculogenic mimicry to inhibit the proliferation of ovarian cancer. <b>2019</b> , 94, 495-504	16
1065	Cohesive and anisotropic vascular endothelial cell motility driving angiogenic morphogenesis. <b>2019</b> , 9, 9304	5
1064	Store-Operated Ca Entry in Tumor Progression: From Molecular Mechanisms to Clinical Implications. <b>2019</b> , 11,	35
1063	Endothelial glycocalyx restoration by growth factors in diabetic nephropathy. <b>2019</b> , 56, 163-179	8
1062	New Lipid Mediators in Retinal Angiogenesis and Retinopathy. <b>2019</b> , 10, 739	7
1061	The Complexities of Metastasis. <b>2019</b> , 11,	18
1060	Education for Sustainable Development: Global Progress and China's Experience. <b>2019</b> , 07, 1940001	1
1059	Microstructure-Based Modeling of Mechanical Properties and Deformation Behavior of DP600 Dual Phase Steel. <b>2019</b> , 90, 1900311	5

1058	Fenestral diaphragms and PLVAP associations in liver sinusoidal endothelial cells are developmentally regulated. <b>2019</b> , 9, 15698	10
1057	Heart of the Matter. <b>2019</b> ,	1
1056	Lung Mammary Metastases but Not Primary Tumors Induce Accumulation of Atypical Large Platelets and Their Chemokine Expression. <b>2019</b> , 29, 1747-1755.e4	7
1055	Circulating Metabolites Originating from Gut Microbiota Control Endothelial Cell Function. <b>2019</b> , 24,	26
1054	Potential molecular mechanisms underlying the effect of arsenic on angiogenesis. <b>2019</b> , 42, 962-976	4
1053	Pericytes enable effective angiogenesis in the presence of proinflammatory signals. <b>2019</b> , 116, 23551-23561	23
1052	Recent Development of Metal Nanoparticles for Angiogenesis Study and Their Therapeutic Applications.. <b>2019</b> , 2, 5492-5511	16
1051	Immune Complexes Impaired Glomerular Endothelial Cell Functions in Lupus Nephritis. <b>2019</b> , 20,	4
1050	Nutlin-3-Induced Sensitization of Non-Small Cell Lung Cancer Stem Cells to Axitinib-Induced Apoptosis Through Repression of Akt1/Wnt Signaling. <b>2019</b> , 27, 987-995	3
1049	Peptide-Based Functional Biomaterials for Soft-Tissue Repair. <b>2019</b> , 7, 205	48
1048	L19-IL2 Immunocytokine in Combination with the Anti-Syndecan-1 46F2SIP Antibody Format: A New Targeted Treatment Approach in an Ovarian Carcinoma Model. <b>2019</b> , 11,	7
1047	A marine sponge associated fungal metabolite monacolin X suppresses angiogenesis by down regulating VEGFR2 signaling.. <b>2019</b> , 9, 26646-26667	2
1046	Study of pro-angiogenic activity of astilbin on human umbilical vein endothelial cells and zebrafish .. <b>2019</b> , 9, 22921-22930	1
1045	3D printed HUVECs/MSCs cocultures impact cellular interactions and angiogenesis depending on cell-cell distance. <b>2019</b> , 222, 119423	37
1044	Imbalance of Pro- and Anti-Angiogenic Factors Due to Maternal Vitamin D Deficiency Causes Renal Microvasculature Alterations Affecting the Adult Kidney Function. <b>2019</b> , 11,	6
1043	Cellular-Molecular Mechanisms of the Regulation of Angiogenesis in the Brain. <b>2019</b> , 49, 544-554	2
1042	Inhibition of Notch signaling rescues cardiovascular development in Kabuki Syndrome. <b>2019</b> , 17, e3000087	10
1041	Downregulation of exosomal CLEC3B in hepatocellular carcinoma promotes metastasis and angiogenesis via AMPK and VEGF signals. <b>2019</b> , 17, 113	34

1040	Muscle-Derived Extracellular Vesicles Influence Motor Neuron Regeneration Accuracy. <b>2019</b> , 419, 46-59	10
1039	Vascular Endothelial Cell Biology: An Update. <b>2019</b> , 20,	255
1038	Mechanisms of Vasculogenic Mimicry in Ovarian Cancer. <b>2019</b> , 9, 998	29
1037	The Mediterranean Diet, a Rich Source of Angiopreventive Compounds in Cancer. <b>2019</b> , 11,	17
1036	Thymoquinone (2-Isoprpyl-5-methyl-1, 4-benzoquinone) as a chemopreventive/anticancer agent: Chemistry and biological effects. <b>2019</b> , 27, 1113-1126	52
1035	Effect of Ionizing Radiation on Human EA.hy926 Endothelial Cells under Inflammatory Conditions and Their Interactions with A549 Tumour Cells. <b>2019</b> , 2019, 9645481	8
1034	S100A10 Is a Critical Mediator of GAS6/AXL-Induced Angiogenesis in Renal Cell Carcinoma. <b>2019</b> , 79, 5758-5768	21
1033	Neurovascular Interactions in the Nervous System. <b>2019</b> , 35, 615-635	25
1032	Trends and Challenges in Tumor Anti-Angiogenic Therapies. <b>2019</b> , 8,	78
1031	The 5-hydroxytryptamine receptor 1F stimulates mitochondrial biogenesis and angiogenesis in endothelial cells. <b>2019</b> , 169, 113644	10
1030	Phenotypic characteristics of human bone marrow-derived endothelial progenitor cells in vitro support cell effectiveness for repair of the blood-spinal cord barrier in ALS. <b>2019</b> , 1724, 146428	12
1029	Ardisia crispa root hexane fraction suppressed angiogenesis in human umbilical vein endothelial cells (HUVECs) and in vivo zebrafish embryo model. <b>2019</b> , 118, 109221	5
1028	Hypoxia accelerates the progression of angiosarcoma through the regulation of angiosarcoma cells and tumor microenvironment. <b>2019</b> , 93, 123-132	7
1027	MicroRNA-135a-3p regulates angiogenesis and tissue repair by targeting p38 signaling in endothelial cells. <b>2019</b> , 33, 5599-5614	31
1026	The PERK Branch of the Unfolded Protein Response Promotes DLL4 Expression by Activating an Alternative Translation Mechanism. <b>2019</b> , 11,	6
1025	Autophagy in endothelial cells and tumor angiogenesis. <b>2019</b> , 26, 665-679	69
1024	Cross-talk between cancer cells and their neighbors via miRNA in extracellular vesicles: an emerging player in cancer metastasis. <b>2019</b> , 26, 7	59
1023	Construction of cytokine reservoirs based on sulfated chitosan hydrogels for the capturing of VEGF in situ. <b>2019</b> , 7, 1882-1892	7

1022	Hypoxic cancer-associated fibroblasts increase NCBP2-AS2/HIAR to promote endothelial sprouting through enhanced VEGF signaling. <b>2019</b> , 12,	45
1021	Sema3E/PlexinD1 signaling inhibits postischemic angiogenesis by regulating endothelial DLL4 and filopodia formation in a rat model of ischemic stroke. <b>2019</b> , 33, 4947-4961	13
1020	Analysis of Endothelial Fatty Acid Metabolism Using Tracer Metabolomics. <b>2019</b> , 1978, 259-268	2
1019	Local pharmacological induction of angiogenesis: Drugs for cells and cells as drugs. <b>2019</b> , 146, 126-154	9
1018	Gold Nanorod-Assisted Photothermal Therapy Decreases Bleeding during Breast Cancer Surgery in Dogs and Cats. <b>2019</b> , 11,	11
1017	Endothelial Progenitor Cells and Their Niches. <b>2019</b> , 423-423	
1016	Phosphodiesterase 3B (PDE3B) antagonizes the anti-angiogenic actions of PKA in human and murine endothelial cells. <b>2019</b> , 62, 109342	4
1015	A Systems Pharmacology Approach Uncovers Wogonoside as an Angiogenesis Inhibitor of Triple-Negative Breast Cancer by Targeting Hedgehog Signaling. <b>2019</b> , 26, 1143-1158.e6	23
1014	Endophilin-A2 dependent VEGFR2 endocytosis promotes sprouting angiogenesis. <b>2019</b> , 10, 2350	34
1013	Possible cooption of a VEGF-driven tubulogenesis program for biomineralization in echinoderms. <b>2019</b> , 116, 12353-12362	25
1012	Exosome-mediated communication in the tumor microenvironment contributes to hepatocellular carcinoma development and progression. <b>2019</b> , 12, 53	79
1011	The clinical application of fruquintinib on colorectal cancer. <b>2019</b> , 12, 713-721	7
1010	SALM4 regulates angiogenic functions in endothelial cells through VEGFR2 phosphorylation at Tyr1175. <b>2019</b> , 33, 9842-9857	3
1009	Positive Feedback Defines the Timing, Magnitude, and Robustness of Angiogenesis. <b>2019</b> , 27, 3139-3151.e5	19
1008	Skin Acute Wound Healing: A Comprehensive Review. <b>2019</b> , 2019, 3706315	153
1007	Environmental Oxygen Exposure Allows for the Evolution of Interdigital Cell Death in Limb Patterning. <b>2019</b> , 50, 155-166.e4	8
1006	High-Throughput Metabolomics. <b>2019</b> ,	6
1005	Hypoxia promotes differentiation of adipose-derived stem cells into endothelial cells through demethylation of ephrinB2. <b>2019</b> , 10, 133	15

1004	The pericyte microenvironment during vascular development. <b>2019</b> , 26, e12554	19
1003	MicroRNA-615-5p Regulates Angiogenesis and Tissue Repair by Targeting AKT/eNOS (Protein Kinase B/Endothelial Nitric Oxide Synthase) Signaling in Endothelial Cells. <b>2019</b> , 39, 1458-1474	43
1002	Isolation of tissue-resident endothelial stem cells and their use in regenerative medicine. <b>2019</b> , 39, 9	8
1001	Priming Dental Pulp Stem Cells from Human Exfoliated Deciduous Teeth with Fibroblast Growth Factor-2 Enhances Mineralization Within Tissue-Engineered Constructs Implanted in Craniofacial Bone Defects. <b>2019</b> , 8, 844-857	40
1000	Applications of Microfluidic Systems in Biology and Medicine. <b>2019</b> ,	5
999	Exploring the Antiangiogenic Potential of Solomonamide A Bioactive Precursors: In Vitro in Vivo Evidences of the Inhibitory Activity of Solo F-OH During Angiogenesis. <b>2019</b> , 17,	6
998	Monocarbonyl curcumin analog A2 potently inhibits angiogenesis by inducing ROS-dependent endothelial cell death. <b>2019</b> , 40, 1412-1423	9
997	Ginsenoside F1 promotes angiogenesis by activating the IGF-1/IGF1R pathway. <b>2019</b> , 144, 292-305	27
996	Microfluidic Organs-on-Chips to Reconstitute Cellular Microenvironments. <b>2019</b> , 227-246	
995	Discovery of chalcone-modified estradiol analogs as antitumour agents that Inhibit tumour angiogenesis and epithelial to mesenchymal transition. <b>2019</b> , 176, 135-148	10
994	Vascular maturity of type 1 and type 2 choroidal neovascularization evaluated by optical coherence tomography angiography. <b>2019</b> , 14, e0216304	12
993	High mitogenic stimulation arrests angiogenesis. <b>2019</b> , 10, 2016	36
992	Microvascular bioengineering: a focus on pericytes. <b>2019</b> , 13, 26	18
991	ACE2 inhibits breast cancer angiogenesis via suppressing the VEGFa/VEGFR2/ERK pathway. <b>2019</b> , 38, 173	103
990	Mineralocorticoid receptor negatively regulates angiogenesis through repression of STAT3 activity in endothelial cells. <b>2019</b> , 248, 438-451	5
989	Molecular Mechanisms and Bioavailability of Polyphenols in Prostate Cancer. <b>2019</b> , 20,	33
988	VEGF in Signaling and Disease: Beyond Discovery and Development. <i>Cell</i> , <b>2019</b> , 176, 1248-1264	56.2 617
987	TMEM30A deficiency in endothelial cells impairs cell proliferation and angiogenesis. <b>2019</b> , 132,	6

986	Structural studies of the binding of an antagonistic cyclic peptide to the VEGFR1 domain 2. <b>2019</b> , 169, 65-75	6
985	A Revised View on Growth and Remodeling in the Retinal Vasculature. <b>2019</b> , 9, 3263	19
984	The endothelial tip-stalk cell selection and shuffling during angiogenesis. <b>2019</b> , 13, 291-301	40
983	Innate lymphoid cells as regulators of the tumor microenvironment. <b>2019</b> , 41, 101270	16
982	Vascular regeneration in adult mouse cochlea stimulated by VEGF-A and driven by NG2-derived cells ex vivo. <b>2019</b> , 377, 179-188	7
981	The Relevance of Vascular Endothelial Growth Factor, Hypoxia Inducible Factor-1 Alpha, and Clusterin in Carotid Plaque Instability. <b>2019</b> , 28, 1540-1545	8
980	MicroRNA-145 Regulates Pathological Retinal Angiogenesis by Suppression of TMOD3. <b>2019</b> , 16, 335-347	17
979	STIM-Orai Channels and Reactive Oxygen Species in the Tumor Microenvironment. <b>2019</b> , 11,	22
978	The role of endothelial cilia in postembryonic vascular development. <b>2019</b> , 248, 410-425	3
977	Pro-resolving lipid mediators as therapeutic leads for cardiovascular diseases. <b>2019</b> , 23, 423-436	9
976	Mechanically Defined Microenvironment Promotes Stabilization of Microvasculature, Which Correlates with the Enrichment of a Novel Piezo-1 Population of Circulating CD11b /CD115 Monocytes. <b>2019</b> , 31, e1808050	14
975	The association between CD31Emcn endothelial cells and bone mineral density in Chinese women. <b>2019</b> , 37, 987-995	11
974	Role of Hippo Pathway-YAP/TAZ Signaling in Angiogenesis. <b>2019</b> , 7, 49	111
973	Pericytes in the Gut. <b>2019</b> , 1122, 73-100	2
972	Human vitreous in proliferative diabetic retinopathy: Characterization and translational implications. <b>2019</b> , 72, 100756	47
971	Insulin-like growth factor binding proteins and angiogenesis: from cancer to cardiovascular disease. <b>2019</b> , 46, 28-35	22
970	CDC42 Deletion Elicits Cerebral Vascular Malformations via Increased MEKK3-Dependent KLF4 Expression. <b>2019</b> , 124, 1240-1252	27
969	Therapeutic Implications of the Nitric Oxide Pathway in the Angiogenesis of Tumors and Inflammatory-Related Disorders. <b>2019</b> , 65-91	5

968	Tumor-associated macrophages: a short compendium. <b>2019</b> , 76, 1447-1458	47
967	Metabolic Pathways Fueling the Endothelial Cell Drive. <b>2019</b> , 81, 483-503	43
966	Veins and Arteries Build Hierarchical Branching Patterns Differently: Bottom-Up versus Top-Down. <b>2019</b> , 41, e1800198	33
965	Perivascular cell-specific knockout of the stem cell pluripotency gene Oct4 inhibits angiogenesis. <b>2019</b> , 10, 967	18
964	Connexins in cancer: bridging the gap to the clinic. <b>2019</b> , 38, 4429-4451	79
963	A MST1-FOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis. <b>2019</b> , 10, 838	34
962	SNX9 determines the surface levels of integrin $\alpha 1$ in vascular endothelial cells: Implication in poor prognosis of human colorectal cancers overexpressing SNX9. <b>2019</b> , 234, 17280-17294	18
961	Regulation of Blood and Lymphatic Vessels by Immune Cells in Tumors and Metastasis. <b>2019</b> , 81, 535-560	24
960	Establishment and maintenance of blood-lymph separation. <b>2019</b> , 76, 1865-1876	10
959	tmem33 is essential for VEGF-mediated endothelial calcium oscillations and angiogenesis. <b>2019</b> , 10, 732	45
958	Precision medicine for human cancers with Notch signaling dysregulation (Review). <b>2020</b> , 45, 279-297	51
957	An Open Label Phase Ib Dose Escalation Study of TRC105 (Anti-Endoglin Antibody) with Axitinib in Patients with Metastatic Renal Cell Carcinoma. <b>2019</b> , 24, 202-210	14
956	Heterogeneity of Vascular Endothelial Cells, De Novo Arteriogenesis and Therapeutic Implications in Pancreatic Neuroendocrine Tumors. <b>2019</b> , 8,	7
955	Co-delivery of VEGF siRNA and Etoposide for Enhanced Anti-angiogenesis and Anti-proliferation Effect Multi-functional Nanoparticles for Orthotopic Non-Small Cell Lung Cancer Treatment. <b>2019</b> , 9, 5886-5898	42
954	Wound healing and fibrosis - State of play. <b>2019</b> , 146, 1-2	3
953	Extracellular matrix derived from human urine-derived stem cells enhances the expansion, adhesion, spreading, and differentiation of human periodontal ligament stem cells. <b>2019</b> , 10, 396	14
952	Angiogenesis-promoted bone repair with silicate-shelled hydrogel fiber scaffolds. <b>2019</b> , 7, 5221-5231	21
951	Gene Expression Profiles Controlled by the Alternative Splicing Factor Nova2 in Endothelial Cells. <b>2019</b> , 8,	5



950	The complex TIE between macrophages and angiogenesis. <b>2020</b> , 49, 585-596	15
949	Exosomes from conditioned media of bone marrow-derived mesenchymal stem cells promote bone regeneration by enhancing angiogenesis. <b>2019</b> , 14, e0225472	73
948	Molecular/Targeted Therapy of Cancer. <b>2019</b> , 251-285	
947	Mapping actionable pathways and mutations in brain tumours using targeted RNA next generation sequencing. <b>2019</b> , 7, 185	3
946	Quality and Quantity-Cultured Murine Endothelial Progenitor Cells Increase Vascularization and Decrease Fibrosis in the Fat Graft. <b>2019</b> , 143, 744e-755e	10
945	Elevated expression of AGGF1 predicts poor prognosis and promotes the metastasis of colorectal cancer. <b>2019</b> , 19, 1252	3
944	Two Compounds Isolated From Ganglioside GM1 Promote Angiogenesis in Zebrafish. <b>2019</b> , 74, 71-79	1
943	Generation of blood vessel organoids from human pluripotent stem cells. <b>2019</b> , 14, 3082-3100	58
942	The metabolic engine of endothelial cells. <b>2019</b> , 1, 937-946	31
941	Interplay Between Macrophages and Angiogenesis: A Double-Edged Sword in Liver Disease. <b>2019</b> , 10, 2882	16
940	Multipotent Neurotrophic Effects of Hepatocyte Growth Factor in Spinal Cord Injury. <b>2019</b> , 20,	4
939	The Lymphatic System in Obesity, Insulin Resistance, and Cardiovascular Diseases. <b>2019</b> , 10, 1402	20
938	Angiogenesis in pancreatic cancer: current research status and clinical implications. <b>2019</b> , 22, 15-36	94
937	Perfused 3D angiogenic sprouting in a high-throughput in vitro platform. <b>2019</b> , 22, 157-165	88
936	A PEAR1 polymorphism (rs12041331) is associated with risk of coronary artery aneurysm in Kawasaki disease. <b>2019</b> , 83, 54-62	7
935	Promoting vascularization for tissue engineering constructs: current strategies focusing on HIF-regulating scaffolds. <b>2019</b> , 19, 105-118	13
934	Combining Radiotherapy With Anti-angiogenic Therapy and Immunotherapy; A Therapeutic Triad for Cancer?. <b>2018</b> , 9, 3107	48
933	miRNA networks modulate human endothelial cell adaptation to cyclic hypoxia. <b>2019</b> , 54, 150-160	19

932	Chemokines and Chemokine Receptors: Orchestrating Tumor Metastasization. <b>2018</b> , 20,	75
931	Loss of Estrogen-Related Receptor Alpha Facilitates Angiogenesis in Endothelial Cells. <b>2019</b> , 39,	8
930	Current and Future Views on Pulpal Angiogenesis. <b>2019</b> , 37-53	1
929	Lithium-containing biomaterials stimulate bone marrow stromal cell-derived exosomal miR-130a secretion to promote angiogenesis. <b>2019</b> , 192, 523-536	65
928	Systemic Factors Trigger Vasculature Cells to Drive Notch Signaling and Neurogenesis in Neural Stem Cells in the Adult Brain. <b>2019</b> , 37, 395-406	17
927	Recruited bone marrow derived cells, local stromal cells and IL-17 at the front line of resistance development to anti-VEGF targeted therapies. <b>2019</b> , 217, 34-40	13
926	SIRT1 activation promotes angiogenesis in diabetic wounds by protecting endothelial cells against oxidative stress. <b>2019</b> , 661, 117-124	18
925	Antisense Oligonucleotides Targeting Angiogenic Factors as Potential Cancer Therapeutics. <b>2019</b> , 14, 142-157	32
924	TAZ Expression on Endothelial Cells Is Closely Related to Blood Vascular Density and VEGFR2 Expression in Astrocytomas. <b>2019</b> , 78, 172-180	4
923	Glucocorticoid-mediated effects on angiogenesis in solid tumors. <b>2019</b> , 188, 147-155	9
922	EGFL7 regulates sprouting angiogenesis and endothelial integrity in a human blood vessel model. <b>2019</b> , 197, 305-316	11
921	Human blood vessel organoids as a model of diabetic vasculopathy. <b>2019</b> , 565, 505-510	277
920	Blood-Brain Barrier: From Physiology to Disease and Back. <b>2019</b> , 99, 21-78	647
919	Antitubulin sulfonamides: The successful combination of an established drug class and a multifaceted target. <b>2019</b> , 39, 775-830	16
918	Propranolol suppresses HUVEC viability, migration, VEGF expression, and promotes apoptosis by downregulation of miR-4295. <b>2019</b> , 120, 6614-6623	19
917	Cell-Cell Mechanical Communication in Cancer. <b>2019</b> , 12, 1-14	28
916	Sulfated polysaccharide JCS1S2 inhibits angiogenesis via targeting VEGFR2/VEGF and blocking VEGFR2/Erk/VEGF signaling. <b>2019</b> , 207, 502-509	18
915	Serine arginine protein kinase 1 (SRPK1): a moonlighting protein with theranostic ability in cancer prevention. <b>2019</b> , 46, 1487-1497	15

914	MiT/TFE Family of Transcription Factors, Lysosomes, and Cancer. <b>2019</b> , 3, 203-222	47
913	Portal hypertension: The desperate search for the placenta. <b>2019</b> , 67, 56-61	
912	Mutual Regulation of TLR/NLR and CEACAM1 in the Intestinal Microvasculature: Implications for IBD Pathogenesis and Therapy. <b>2019</b> , 25, 294-305	7
911	Melatonin and cancer: From the promotion of genomic stability to use in cancer treatment. <b>2019</b> , 234, 5613-5627	44
910	How glucose, glutamine and fatty acid metabolism shape blood and lymph vessel development. <b>2019</b> , 447, 90-102	28
909	Enzymes involved in tumor-driven angiogenesis: A valuable target for anticancer therapy. <b>2019</b> , 56, 87-99	22
908	Limiting angiogenesis to modulate scar formation. <b>2019</b> , 146, 170-189	25
907	Immunohistochemical Expression of Fatty Acid Synthase and Vascular Endothelial Growth Factor in Primary Colorectal Cancer: a Clinicopathological Study. <b>2019</b> , 50, 485-492	4
906	Redox Control of Angiogenesis. <b>2019</b> , 30, 960-971	14
905	Small GTPases orchestrate cell-cell communication during collective cell movement. <b>2020</b> , 11, 103-112	6
904	High-Throughput Scaffold System for Studying the Effect of Local Geometry and Topology on the Development and Orientation of Sprouting Blood Vessels. <b>2020</b> , 30, 1901335	11
903	Robotic single-site endometriosis resection using near-infrared fluorescence imaging with indocyanine green: a prospective case series and review of literature. <b>2020</b> , 14, 145-154	15
902	Vascular endothelial growth factor and bone-vascular interactions. <b>2020</b> , 1141-1152	1
901	Long noncoding MIAT acting as a ceRNA to sponge microRNA-204-5p to participate in cerebral microvascular endothelial cell injury after cerebral ischemia through regulating HMGB1. <b>2020</b> , 235, 4571-4586	25
900	The Formation of Coronary Vessels in Cardiac Development and Disease. <b>2020</b> , 12,	6
899	Immunity, Hypoxia, and Metabolism-the Mfiage Trois of Cancer: Implications for Immunotherapy. <b>2020</b> , 100, 1-102	84
898	Purinergic P2Y receptors modulate endothelial sprouting. <b>2020</b> , 77, 885-901	13
897	Circulating endothelial progenitor cells in small-diameter artificial blood vessel. <b>2020</b> , 23, 6-13	7

896	Intravital imaging of vascular anomalies and extracellular matrix remodeling in orthotopic pancreatic tumors. <b>2020</b> , 146, 2209-2217	4
895	Phosphorylation of EphA2 receptor and vasculogenic mimicry is an indicator of poor prognosis in invasive carcinoma of the breast. <b>2020</b> , 179, 359-370	14
894	A novel LncRNA HITT forms a regulatory loop with HIF-1 $\alpha$ to modulate angiogenesis and tumor growth. <b>2020</b> , 27, 1431-1446	31
893	The Vascular Disrupting Agent CA4P Improves the Antitumor Efficacy of CAR-T Cells in Preclinical Models of Solid Human Tumors. <b>2020</b> , 28, 75-88	15
892	Variation in energy metabolism arising from the effect of the tumor microenvironment on cell biological behaviors of bladder cancer cells and endothelial cells. <b>2020</b> , 46, 64-75	4
891	Cu and Si co-doped microporous TiO <sub>2</sub> coating for osseointegration by the coordinated stimulus action. <b>2020</b> , 503, 144072	13
890	Phase-field model of vascular tumor growth: Three-dimensional geometry of the vascular network and integration with imaging data. <b>2020</b> , 359, 112648	13
889	A hydrogen sulfide-releasing alginate dressing for effective wound healing. <b>2020</b> , 104, 85-94	39
888	3D Sugar Printing of Networks Mimicking the Vasculature. <b>2019</b> , 11,	7
887	Three-Dimensional Imaging Provides Detailed Atherosclerotic Plaque Morphology and Reveals Angiogenesis After Carotid Artery Ligation. <b>2020</b> , 126, 619-632	12
886	MiR-4674 regulates angiogenesis in tissue injury by targeting p38K signaling in endothelial cells. <b>2020</b> , 318, C524-C535	11
885	Neuron-derived VEGF contributes to cortical and hippocampal development independently of VEGFR1/2-mediated neurotrophism. <b>2020</b> , 459, 65-71	5
884	The impact of intercellular communication for the generation of complex multicellular prevascularized tissue equivalents. <b>2020</b> , 108, 734-748	3
883	Endothelium-mediated contributions to fibrosis. <b>2020</b> , 101, 78-86	20
882	Influence of Different Cell Types and Sources on Pre-Vascularisation in Fibrin and Agarose-Collagen Gels. <b>2020</b> , 16, 14-26	10
881	A Novel Antitumor Strategy: Simultaneously Inhibiting Angiogenesis and Complement by Targeting VEGFA/PIGF and C3b/C4b. <b>2020</b> , 16, 20-29	8
880	Anti-angiogenic effects of mangiferin and mechanism of action in metastatic melanoma. <b>2020</b> , 30, 39-51	15
879	The potassium channel Kcne3 is a VEGFA-inducible gene selectively expressed by vascular endothelial tip cells. <b>2020</b> , 23, 179-192	12

878	Scavenger Receptor Cysteine-Rich domains of Lysyl Oxidase-Like2 regulate endothelial ECM and angiogenesis through non-catalytic scaffolding mechanisms. <b>2020</b> , 88, 33-52	10
877	Vascular endothelial growth factor/semaphorin-3A ratio and SEMA3A expression in cutaneous malignant melanoma. <b>2020</b> , 30, 433-442	4
876	Exogenous endothelial progenitor cells reached the deficient region of acute cerebral ischemia rats to improve functional recovery via Bcl-2. <b>2020</b> , 10, 695-704	2
875	Bevacizumab promotes active biological behaviors of human umbilical vein endothelial cells by activating TGF $\beta$ 1 pathways off-VEGF signaling. <b>2020</b> , 17, 418-432	2
874	linc00174-EZH2-ZNF24/Runx1-VEGFA Regulatory Mechanism Modulates Post-burn Wound Healing. <b>2020</b> , 21, 824-836	7
873	Bioenergetic effects of hydrogen sulfide suppress soluble Flt-1 and soluble endoglin in cystathionine gamma-lyase compromised endothelial cells. <b>2020</b> , 10, 15810	11
872	Potential role of hydrogen sulfide in diabetes-impaired angiogenesis and ischemic tissue repair. <b>2020</b> , 37, 101704	10
871	Understanding the Recruitment Process: How Endothelial Cells Control Pericyte Proliferation, Invasion, and Recruitment. <b>2020</b> , 40, 2564-2565	1
870	Angiogenesis-Inflammation Cross Talk in Diabetic Retinopathy: Novel Insights From the Chick Embryo Chorioallantoic Membrane/Human Vitreous Platform. <b>2020</b> , 11, 581288	19
869	Molecular tracing of prostate cancer lethality. <b>2020</b> , 39, 7225-7238	2
868	DCZ3301, an aryl-guanidino agent, inhibits ocular neovascularization via PI3K/AKT and ERK1/2 signaling pathways. <b>2020</b> , 201, 108267	0
867	Novel therapeutic approaches for gastrointestinal malignancies. <b>2020</b> ,	
866	Are antiangiogenics a good 'partner' for immunotherapy in ovarian cancer?. <b>2020</b> , 23, 543-557	7
865	Blood Flow Forces in Shaping the Vascular System: A Focus on Endothelial Cell Behavior. <b>2020</b> , 11, 552	44
864	Hydrostatic pressure promotes endothelial tube formation through aquaporin 1 and Ras-ERK signaling. <b>2020</b> , 3, 152	7
863	Angiogenesis related gene expression significantly associated with the prognostic role of an urothelial bladder carcinoma. <b>2020</b> , 9, 2200-2210	3
862	Laquinimod Inhibits Inflammation-Induced Angiogenesis in the Cornea. <b>2020</b> , 7, 598056	2
861	VEZF1-guanine quadruplex DNA interaction regulates alternative polyadenylation and detyrosinase activity of VASH1. <b>2020</b> , 48, 11994-12003	3

860	CD44 in Ovarian Cancer Progression and Therapy Resistance-A Critical Role for STAT3. <b>2020</b> , 10, 589601	14
859	Vascular Heterogeneity With a Special Focus on the Hepatic Microenvironment. <b>2020</b> , 11, 591901	3
858	Three-dimensional in vitro models of angiogenesis. <b>2020</b> , 175-189	
857	Notoginsenoside R1 activates the Ang2/Tie2 pathway to promote angiogenesis. <b>2020</b> , 78, 153302	7
856	Stem cell programs in cancer initiation, progression, and therapy resistance. <b>2020</b> , 10, 8721-8743	46
855	Role of METTL3-Dependent N-Methyladenosine mRNA Modification in the Promotion of Angiogenesis. <b>2020</b> , 28, 2191-2202	29
854	Fluid Shear Stress Sensing by the Endothelial Layer. <b>2020</b> , 11, 861	38
853	Biological Properties, Bioactive Constituents, and Pharmacokinetics of Some spp. and Capsaicinoids. <b>2020</b> , 21,	34
852	Anticancer activities of marine macroalgae: status and future perspectives. <b>2020</b> , 257-275	0
851	No Evidence for Erythro-Myeloid Progenitor-Derived Vascular Endothelial Cells in Multiple Organs. <b>2020</b> , 127, 1221-1232	10
850	Blood-Brain Barrier: More Contributor to Disruption of Central Nervous System Homeostasis Than Victim in Neurological Disorders. <b>2020</b> , 14, 764	22
849	Morphological landscape of endothelial cell networks reveals a functional role of glutamate receptors in angiogenesis. <b>2020</b> , 10, 13829	3
848	Anticancer Effect of Capsaicin and Its Analogues. <b>2020</b> ,	3
847	Sweetening the hallmarks of cancer: Galectins as multifunctional mediators of tumor progression. <b>2020</b> , 217,	47
846	Slug regulates the Dll4-Notch-VEGFR2 axis to control endothelial cell activation and angiogenesis. <b>2020</b> , 11, 5400	19
845	Eosinophils in the Tumor Microenvironment. <b>2020</b> , 1273, 1-28	5
844	Septin2 mediates podosome maturation and endothelial cell invasion associated with angiogenesis. <b>2020</b> , 219,	6
843	Development of Human CBF1-Targeting Single-Stranded DNA Aptamers with Antiangiogenic Activity. <b>2020</b> , 30, 365-378	4

842	Bone Marrow Microvasculature. <b>2020</b> , 10, 1009-1046	4
841	Coronin 1B Controls Endothelial Actin Dynamics at Cell-Cell Junctions and Is Required for Endothelial Network Assembly. <b>2020</b> , 8, 708	4
840	MiR-9 Promotes Angiogenesis via Targeting on Sphingosine-1- Phosphate Receptor 1. <b>2020</b> , 8, 755	11
839	Structure-guided design, generation, and biofunction of PEGylated fibroblast growth factor 2 variants for wound healing. <b>2020</b> , 12, 18200-18213	1
838	Tumor Endothelial Cells (TECs) as Potential Immune Directors of the Tumor Microenvironment - New Findings and Future Perspectives. <b>2020</b> , 8, 766	34
837	Role of Hippo-YAP Signaling in Osseointegration by Regulating Osteogenesis, Angiogenesis, and Osteoimmunology. <b>2020</b> , 8, 780	12
836	Environmental Oxygen is a Key Modulator of Development and Evolution: From Molecules to Ecology: Oxygen-sensitive pathways pattern the developing organism, linking genetic and environmental components during the evolution of new traits. <b>2020</b> , 42, e2000025	4
835	Signalling, Metabolic Pathways and Iron Homeostasis in Endothelial Cells in Health, Atherosclerosis and Alzheimer's Disease. <b>2020</b> , 9,	5
834	Suppressing neutrophil-dependent angiogenesis abrogates resistance to anti-VEGF antibody in a genetic model of colorectal cancer. <b>2020</b> , 117, 21598-21608	14
833	Endothelial-to-Mesenchymal Transition in Cancer. <b>2020</b> , 8, 747	22
832	Calcium-Permeable Channels in Tumor Vascularization: Peculiar Sensors of Microenvironmental Chemical and Physical Cues. <b>2020</b> , 1	5
831	Platelet-rich plasma accelerates skin wound healing by promoting re-epithelialization. <b>2020</b> , 8, tkaa028	19
830	Electrospun Nanofibers for Improved Angiogenesis: Promises for Tissue Engineering Applications. <b>2020</b> , 10,	44
829	The Inhibition of Prolyl Oligopeptidase as New Target to Counteract Chronic Venous Insufficiency: Findings in a Mouse Model. <b>2020</b> , 8,	4
828	Signaling Functions of Intramembrane Aspartyl-Proteases. <b>2020</b> , 7, 591787	4
827	Intrinsic Angiogenic Potential and Migration Capacity of Human Mesenchymal Stromal Cells Derived from Menstrual Blood and Bone Marrow. <b>2020</b> , 21,	2
826	Angiogenesis in Lymph Nodes Is a Critical Regulator of Immune Response and Lymphoma Growth. <b>2020</b> , 11, 591741	5
825	Effects of oxygen generating scaffolds on cell survival and functional recovery following acute spinal cord injury in rats. <b>2020</b> , 31, 115	2

824	Inhibition of protein glycosylation is a novel pro-angiogenic strategy that acts via activation of stress pathways. <b>2020</b> , 11, 6330	8
823	Resistance Mechanisms of Anti-angiogenic Therapy and Exosomes-Mediated Revascularization in Cancer. <b>2020</b> , 8, 610661	5
822	Exosome-Encapsulated MicroRNA-21 from Esophageal Squamous Cell Carcinoma Cells Enhances Angiogenesis of Human Umbilical Venous Endothelial Cells by Targeting SPRY1. <b>2020</b> , 12, 10651-10667	6
821	A Role for Angiogenesis in Canine Cutaneous Histiocytoma Regression: Insights into an Old Clinical Enigma. <b>2020</b> , 34, 3279-3284	0
820	Ubiquitous expression of Akt1 p.(E17K) results in vascular defects and embryonic lethality in mice. <b>2020</b> , 29, 3350-3360	
819	Orientation of the Mitotic Spindle in Blood Vessel Development. <b>2020</b> , 8, 583325	2
818	Correlation of gene polymorphisms of vascular endothelial growth factor with grade and prognosis of lung cancer. <b>2020</b> , 21, 86	4
817	Microglia Contribution to the Regulation of the Retinal and Choroidal Vasculature in Age-Related Macular Degeneration. <b>2020</b> , 9,	13
816	Simultaneous fluorescence imaging of distinct nerve and blood vessel patterns in dual Thy1-YFP and Flt1-DsRed transgenic mice. <b>2020</b> , 23, 459-477	3
815	Temperature-dependent effects on CO water bath therapy induced changes in blood flow and vascularity in hind limb ischemia. <b>2020</b> , 98, 228-235	1
814	Pathophysiological implications of hypoxia in human diseases. <b>2020</b> , 27, 63	39
813	Exploration of carbamide derived pyrimidine-thioindole conjugates as potential VEGFR-2 inhibitors with anti-angiogenesis effect. <b>2020</b> , 200, 112457	25
812	Endothelial TRPV1 as an Emerging Molecular Target to Promote Therapeutic Angiogenesis. <b>2020</b> , 9,	18
811	Endothelial Lactate Controls Muscle Regeneration from Ischemia by Inducing M2-like Macrophage Polarization. <b>2020</b> , 31, 1136-1153.e7	76
810	Anti-angiogenic effect of Shikonin in rheumatoid arthritis by downregulating PI3K/AKT and MAPKs signaling pathways. <b>2020</b> , 260, 113039	26
809	CD73 extracellular vesicles inhibit angiogenesis through adenosine A receptor signalling. <b>2020</b> , 9, 1757900	15
808	Role of the GLUT1 Glucose Transporter in Postnatal CNS Angiogenesis and Blood-Brain Barrier Integrity. <b>2020</b> , 127, 466-482	38
807	A novel role for Eviniferin in suppressing angiogenesis by blocking the VEGFR-2/p70 signaling pathway. <b>2020</b> , 34, 2697-2705	0



806	Dietary Approaches to Cancer Therapy. <b>2020</b> , 37, 767-785	32
805	TNFSF14: LIGHTing the Way for Effective Cancer Immunotherapy. <b>2020</b> , 11, 922	19
804	MicroRNAs As Master Regulators of Atherosclerosis: From Pathogenesis to Novel Therapeutic Options. <b>2020</b> , 33, 621-644	15
803	RhoJ integrates attractive and repulsive cues in directional migration of endothelial cells. <b>2020</b> , 39, e102930	12
802	Collective Locomotion of Human Cells, Wound Healing and Their Control by Extracts and Isolated Compounds from Marine Invertebrates. <b>2020</b> , 25,	11
801	Suppression of pathological ocular neovascularization by a small molecule, SU1498. <b>2020</b> , 128, 110248	1
800	Natural SIRT1 modifiers as promising therapeutic agents for improving diabetic wound healing. <b>2020</b> , 76, 153252	5
799	Phosphoinositide 3-Kinase-Regulated Pericyte Maturation Governs Vascular Remodeling. <b>2020</b> , 142, 688-704	14
798	IL-6 trans-Signaling Impairs Sprouting Angiogenesis by Inhibiting Migration, Proliferation and Tube Formation of Human Endothelial Cells. <b>2020</b> , 9,	2
797	A Biomimetic Approach toward Enhancing Angiogenesis: Recombinantly Expressed Domain V of Human Perlecan Is a Bioactive Molecule That Promotes Angiogenesis and Vascularization of Implanted Biomaterials. <b>2020</b> , 7, 2000900	9
796	Tumor cells derived-exosomes as angiogenic agents: possible therapeutic implications. <b>2020</b> , 18, 249	49
795	Architecture of Cancer-Associated Fibroblasts in Tumor Microenvironment: Mapping Their Origins, Heterogeneity, and Role in Cancer Therapy Resistance. <b>2020</b> , 24, 314-339	14
794	Inhibition of lysine acetyltransferases impairs tumor angiogenesis acting on both endothelial and tumor cells. <b>2020</b> , 39, 103	4
793	Migrasome and Tetraspanins in Vascular Homeostasis: Concept, Present, and Future. <b>2020</b> , 8, 438	14
792	The effects of macrophage-mediated inflammatory response to the donor site on long-term retention of a fat graft in the recipient site in a mice model. <b>2020</b> , 235, 10012-10023	4
791	Extracellular Vesicles-Loaded Fibrin Gel Supports Rapid Neovascularization for Dental Pulp Regeneration. <b>2020</b> , 21,	13
790	Molecular insights and novel approaches for targeting tumor metastasis. <b>2020</b> , 585, 119556	33
789	Effect of chemokine CXCL14 on angiogenesis of human hepatocellular carcinoma cells. <b>2020</b> , 1-7	5

788	Design, synthesis, molecular docking, and anticancer evaluations of 1-benzylquinazoline-2,4(1H,3H)-dione bearing different moieties as VEGFR-2 inhibitors. <b>2020</b> , 353, e2000068	24
787	5-(4-Methoxybenzylidene)thiazolidine-2,4-dione-derived VEGFR-2 inhibitors: Design, synthesis, molecular docking, and anticancer evaluations. <b>2020</b> , 353, e2000079	19
786	Copper promotion of myocardial regeneration. <b>2020</b> , 245, 911-921	5
785	Lowering the increased intracellular pH of human-induced pluripotent stem cell-derived endothelial cells induces formation of mature Weibel-Palade bodies. <b>2020</b> , 9, 758-772	6
784	Application of carbamyl in structural optimization. <b>2020</b> , 98, 103757	1
783	MicroRNA-24-3p Targets Notch and Other Vascular Morphogens to Regulate Post-ischemic Microvascular Responses in Limb Muscles. <b>2020</b> , 21,	13
782	SingleCellSignalR: inference of intercellular networks from single-cell transcriptomics. <b>2020</b> , 48, e55	76
781	Angiogenesis in obesity. <b>2020</b> , 126, 110103	17
780	MicroRNA-18a-5p Administration Suppresses Retinal Neovascularization by Targeting FGF1 and HIF1A. <b>2020</b> , 11, 276	7
779	Chorioallantoic Membrane Assay as Model for Angiogenesis in Tissue Engineering: Focus on Stem Cells. <b>2020</b> , 26, 519-539	15
778	Introduction of ligated vessels promote the retention and regeneration of free fat: constructing a fat flap in tissue engineering chamber. <b>2020</b> , 9, 108-115	1
777	Endothelial MT1-MMP targeting limits intussusceptive angiogenesis and colitis via TSP1/nitric oxide axis. <b>2020</b> , 12, e10862	21
776	Therapeutic ultrasound combined with microbubbles improves atherosclerotic plaque stability by selectively destroying the intraplaque neovasculature. <b>2020</b> , 10, 2522-2537	4
775	ErMiao San Inhibits Angiogenesis in Rheumatoid Arthritis by Suppressing JAK/STAT Signaling Pathways. <b>2020</b> , 2020, 1-12	2
774	Efficacy and Safety of Epidermal Growth Factor Receptor (EGFR) Inhibitors Plus Antiangiogenic Agents as First-Line Treatments for Patients With Advanced -Mutated Non-small Cell Lung Cancer: A Meta-Analysis. <b>2020</b> , 10, 904	14
773	Cardenolide-rich fraction of Pergularia tomentosa as a novel Antiangiogenic agent mainly targeting endothelial cell migration. <b>2020</b> , 28, 533-543	2
772	Basic and Therapeutic Aspects of Angiogenesis Updated. <b>2020</b> , 127, 310-329	75
771	The role of Narrow Band Imaging (NBI) in the diagnosis of sinonasal diseases. <b>2021</b> , 59, 40-48	1

770	Annexin A2 in Inflammation and Host Defense. <b>2020</b> , 9,	24
769	Transient Support from Fibroblasts is Sufficient to Drive Functional Vascularization in Engineered Tissues. <b>2020</b> , 30, 2003777	19
768	Ligustilide provides neuroprotection by promoting angiogenesis after cerebral ischemia. <b>2020</b> , 42, 683-692	14
767	An Injectable Nanocomposite Hydrogel for Potential Application of Vascularization and Tissue Repair. <b>2020</b> , 48, 1511-1523	26
766	Non-coding RNAs in GI cancers: from cancer hallmarks to clinical utility. <b>2020</b> , 69, 748-763	74
765	Recapitulating the Vasculature Using Organ-On-Chip Technology. <b>2020</b> , 7,	15
764	Functional angiogenesis requires microenvironmental cues balancing endothelial cell migration and proliferation. <b>2020</b> , 20, 1153-1166	27
763	Beta secretase 1-dependent amyloid precursor protein processing promotes excessive vascular sprouting through NOTCH3 signalling. <b>2020</b> , 11, 98	16
762	Insights into the dual role of angiogenesis following stroke. <b>2020</b> , 40, 1167-1171	10
761	Antioxidative and Angiogenesis-Promoting Effects of Tetrahedral Framework Nucleic Acids in Diabetic Wound Healing with Activation of the Akt/Nrf2/HO-1 Pathway. <b>2020</b> , 12, 11397-11408	36
760	Low doses of ionizing radiation enhance angiogenesis and consequently accelerate post-embryonic development but not regeneration in zebrafish. <b>2020</b> , 10, 3137	1
759	Antitumor Effects of Trimethylellagic Acid Isolated From <i>L.</i> on Colorectal Cancer Angiogenesis Inhibition and Apoptosis Induction. <b>2019</b> , 10, 1646	11
758	AMP-Kinase Dysfunction Alters Notch Ligands to Impair Angiogenesis in Neonatal Pulmonary Hypertension. <b>2020</b> , 62, 719-731	12
757	Sphingosine 1-Phosphate Receptor Signaling Establishes AP-1 Gradients to Allow for Retinal Endothelial Cell Specialization. <b>2020</b> , 52, 779-793.e7	19
756	Smooth muscle SIRT1 reprograms endothelial cells to suppress angiogenesis after ischemia. <b>2020</b> , 10, 1197-1212	21
755	Recent Advancements of Nanomedicine towards Antiangiogenic Therapy in Cancer. <b>2020</b> , 21,	39
754	Dormant tumor cells interact with memory CD8 T cells in RET transgenic mouse melanoma model. <b>2020</b> , 474, 74-81	8
753	Loss of Atg7 in Endothelial Cells Enhanced Cutaneous Wound Healing in a Mouse Model. <b>2020</b> , 249, 145-155	3

752	Endothelial ZEB1 promotes angiogenesis-dependent bone formation and reverses osteoporosis. <b>2020</b> , 11, 460	43
751	Nanomaterials for Angiogenesis in Skin Tissue Engineering. <b>2020</b> , 26, 203-216	23
750	Endothelial cell sprouting driven by RhoJ directly activated by a membrane-anchored Intersectin 1 (ITSN1) RhoGEF module. <b>2020</b> , 524, 109-116	1
749	Endothelial Transient Receptor Potential Channels and Vascular Remodeling: Extracellular Ca Entry for Angiogenesis, Arteriogenesis and Vasculogenesis. <b>2019</b> , 10, 1618	33
748	Fast quantitative time lapse displacement imaging of endothelial cell invasion. <b>2020</b> , 15, e0227286	2
747	Overexpression of Mfsd2a attenuates blood brain barrier dysfunction via Cav-1/Keap-1/Nrf-2/HO-1 pathway in a rat model of surgical brain injury. <b>2020</b> , 326, 113203	11
746	Near-Infrared IIb Emitting Nanoprobe for High-Resolution Real-Time Imaging-Guided Photothermal Therapy Triggering Enhanced Anti-tumor Immunity.. <b>2020</b> , 3, 1636-1645	7
745	DLC1 is a direct target of activated YAP/TAZ that drives collective migration and sprouting angiogenesis. <b>2020</b> , 133,	9
744	Intra-articular infiltration of adipose-derived stromal vascular fraction cells slows the clinical progression of moderate-severe knee osteoarthritis: hypothesis on the regulatory role of intra-articular adipose tissue. <b>2020</b> , 15, 137	15
743	Raftlin is recruited by neuropilin-1 to the activated VEGFR2 complex to control proangiogenic signaling. <b>2020</b> , 23, 371-383	19
742	Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. <b>2020</b> , 31, 862-877.e14	67
741	Nodularin induced oxidative stress contributes to developmental toxicity in zebrafish embryos. <b>2020</b> , 194, 110444	8
740	Significance of sphingosine-1-phosphate in cardiovascular physiology and pathology. <b>2020</b> , 156, 104793	33
739	Antiangiogenic Effect of Graphene Oxide in Primary Human Endothelial Cells. <b>2020</b> , 12, 22507-22518	18
738	PET Imaging of VEGFR with a Novel Cu-Labeled Peptide. <b>2020</b> , 5, 8508-8514	8
737	Metabolic Checkpoints in Rheumatoid Arthritis. <b>2020</b> , 11, 347	15
736	Melatonin: An atypical hormone with major functions in the regulation of angiogenesis. <b>2020</b> , 72, 1560-1584	9
735	Blood Flow Limits Endothelial Cell Extrusion in the Zebrafish Dorsal Aorta. <b>2020</b> , 31, 107505	10

734	Developmental and Tumor Angiogenesis Requires the Mitochondria-Shaping Protein Opa1. <b>2020</b> , 31, 987-1003.e8	33
733	Macrophage M2 polarization induced by exosomes from adipose-derived stem cells contributes to the exosomal proangiogenic effect on mouse ischemic hindlimb. <b>2020</b> , 11, 162	22
732	c-Src controls stability of sprouting blood vessels in the developing retina independently of cell-cell adhesion through focal adhesion assembly. <b>2020</b> , 147,	7
731	Virus-Like Particles Presenting the FGF-2 Protein or Identified Antigenic Peptides Promoted Antitumor Immune Responses in Mice. <b>2020</b> , 15, 1983-1996	5
730	Tetraspanins: integrating cell surface receptors to functional microdomains in homeostasis and disease. <b>2020</b> , 209, 397-405	8
729	The Blood Circulating Rare Cell Population. What is it and What is it Good For?. <b>2020</b> , 9,	13
728	From tumour perfusion to drug delivery and clinical translation of in silico cancer models. <b>2021</b> , 185, 82-93	9
727	[Influence of CNV vascular morphology in exudative age-related macular degeneration on development of visual acuity and need for anti-VEGF therapy after 1 year]. <b>2021</b> , 118, 154-161	1
726	A modular polymer microbead angiogenesis scaffold to characterize the effects of adhesion ligand density on angiogenic sprouting. <b>2021</b> , 264, 120231	5
725	Sulfated glycans engage the Ang-Tie pathway to regulate vascular development. <b>2021</b> , 17, 178-186	11
724	Angiogenesis after acute myocardial infarction. <b>2021</b> , 117, 1257-1273	24
723	Angiogenesis in gynecological cancers and the options for anti-angiogenesis therapy. <b>2021</b> , 1875, 188446	8
722	Tetrahydropalmatine triggers angiogenesis via regulation of arginine biosynthesis. <b>2021</b> , 163, 105242	4
721	Implementation of Pericytes in Vascular Regeneration Strategies. <b>2021</b> ,	3
720	A clinical perspective on adipose-derived cell therapy for enhancing microvascular health and function: Implications and applications for reconstructive surgery. <b>2021</b> , 28, e12672	5
719	Exploring the Diversity of the Marine Environment for New Anti-cancer Compounds. <b>2021</b> , 7,	6
718	Tissue Hypoxia and Alterations in Microvascular Architecture Predict Glioblastoma Recurrence in Humans. <b>2021</b> , 27, 1641-1649	7
717	Strategies for re-vascularization and promotion of angiogenesis in trauma and disease. <b>2021</b> , 269, 120628	13

716	Design, synthesis, molecular docking, anticancer evaluations, and in silico pharmacokinetic studies of novel 5-[(4-chloro/2,4-dichloro)benzylidene]thiazolidine-2,4-dione derivatives as VEGFR-2 inhibitors. <b>2021</b> , 354, e2000279	11
715	Neuregulin Signaling in the Tumor Microenvironment. <b>2021</b> , 1270, 1-29	
714	Talin-dependent integrin activation is required for endothelial proliferation and postnatal angiogenesis. <b>2021</b> , 24, 177-190	6
713	At the Bench: Pre-clinical evidence for multiple functions of CXCR4 in cancer. <b>2021</b> , 109, 969-989	6
712	Retina-specific targeting of pericytes reveals structural diversity and enables control of capillary blood flow. <b>2021</b> , 529, 1121-1134	3
711	Biomimetic Models of the Microcirculation for Scientific Discovery and Therapeutic Testing. <b>2021</b> , 1-23	
710	Naturally occurring combinations of receptors from single cell transcriptomics in endothelial cells.	
709	Research Progress on the Effect of Hydrogen Sulfide on the Secretion of Clotting Substances in Endothelial Cells. <b>2021</b> , 11, 3152-3157	
708	Tumor angiogenesis: Current challenges and therapeutic opportunities. <b>2021</b> , 28, 100422	8
707	An Overview of the Perspective of Cellular Autophagy: Mechanism, Regulation, and the Role of Autophagy Dysregulation in the Pathogenesis of Diseases. <b>2021</b> , 9, 47-54	1
706	Flow shear stress controls the initiation of neovascularization via heparan sulfate proteoglycans within a biomimetic microfluidic model. <b>2021</b> , 21, 421-434	3
705	Single cell sequencing reveals endothelial plasticity with transient mesenchymal activation after myocardial infarction. <b>2021</b> , 12, 681	36
704	Increased VEGF-A in solid type of lung adenocarcinoma reduces the patients' survival. <b>2021</b> , 11, 1321	1
703	[Fibrotic remodeling of the lung following lung and stem-cell transplantation]. <b>2021</b> , 42, 17-24	1
702	Peritoneal Structure and Changes as a Dialysis Membrane After Peritoneal Dialysis. <b>2021</b> , 1-55	
701	In vitro blood-brain barrier model derived from human iPS cells and its applications. <b>2021</b> , 63-85	
700	Remodeling of oxygen-transporting tracheoles drives intestinal regeneration and tumorigenesis.	1
699	The utility of biomedical scaffolds laden with spheroids in various tissue engineering applications. <b>2021</b> , 11, 6818-6832	4

- 698 Foot acrosyndromes in patients with COVID-19: the podiatrist's approach. **2021**, 21,
- 697 Genetics of Vascular Malformations. **2021**, 261-274
- 696 MiR-217 promotes endothelial cell senescence through the SIRT1/p53 signaling pathway. **2021**, 52, 257-267 3
- 695 The tumorigenic and therapeutic functions of exosomes in colorectal cancer: Opportunity and challenges. **2021**, 39, 468-477 7
- 694 The subcellular redistribution of NLRC5 promotes angiogenesis via interacting with STAT3 in endothelial cells. **2021**, 11, 4483-4501 2
- 693 Future epigenetic treatment strategies. **2021**, 103-119
- 692 Building the complex architectures of vascular networks: Where to branch, where to connect and where to remodel?. **2021**, 143, 281-297 1
- 691 Current understanding of the molecular and cellular pathology of diabetic retinopathy. **2021**, 17, 195-206 53
- 690 Suppression of hypoxia and inflammatory pathways by extract inhibits angiogenesis in DMBA-induced breast cancer mice. **2021**, 16, 217-226 2
- 689 Glut1 deficiency syndrome: New and emerging insights into a prototypical brain energy failure disorder. **2021**, 16, 26331055211011507 3
- 688 Angiogenesis: Basics of Vascular Biology. **2021**, 3-31 1
- 687 The Adhesome Network: Key Components Shaping the Tumour Stroma. **2021**, 13, 6
- 686 New Kids on the Block: The Emerging Role of YAP/TAZ in Vascular Cell Mechanotransduction. **2021**, 69-96
- 685 Pericyte migration and proliferation are tightly synchronized to endothelial cell sprouting dynamics. **2021**, 13, 31-43 3
- 684 On the preservation of vessel bifurcations during flow-mediated angiogenic remodelling. **2021**, 17, e1007715 1
- 683 Comparative analysis of continuum angiogenesis models. **2021**, 82, 21 1
- 682 Enhanced Angiogenesis in Salivary Duct Carcinoma Ex-Pleomorphic Adenoma. **2020**, 10, 603717 3
- 681 Role of Subcellular ROS in Providing Resilience to Vascular Endothelium.

680	Nanomaterials for Antiangiogenic Therapies for Cancer: A Promising Tool for Personalized Medicine. <b>2021</b> , 22,	12
679	A vasculature-centric approach to developing novel treatment options for glioblastoma. <b>2021</b> , 25, 87-100	4
678	Relapse of pathological angiogenesis: functional role of the basement membrane and potential treatment strategies. <b>2021</b> , 53, 189-201	8
677	Calcium-vesicles perform active diffusion in the sea urchin embryo during larval biomineralization. <b>2021</b> , 17, e1008780	4
676	Extracellular vesicle-mediated regulation of tumor angiogenesis- implications for anti-angiogenesis therapy. <b>2021</b> , 25, 2776-2785	4
675	Vasohibin 1 selectively regulates secondary sprouting and lymphangiogenesis in the zebrafish trunk. <b>2021</b> , 148,	1
674	Angiopoietin/Tie2 signalling and its role in retinal and choroidal vascular diseases: a review of preclinical data. <b>2021</b> , 35, 1305-1316	16
673	Active perception during angiogenesis: filopodia speed up Notch selection of tip cells. <b>2021</b> , 376, 20190753	8
672	The vasculature: a therapeutic target in heart failure?. <b>2021</b> ,	7
671	VEGFR2 Trafficking by KIF13B Is a Novel Therapeutic Target for Wet Age-Related Macular Degeneration. <b>2021</b> , 62, 5	2
670	Effect of synthetic oxygen-generating system on cell survival under hypoxic condition in vitro. <b>2021</b> , 32, 967-979	1
669	Endothelial YAP/TAZ Signaling in Angiogenesis and Tumor Vasculature. <b>2020</b> , 10, 612802	14
668	Identification of Kinases Activated by Multiple Pro-Angiogenic Growth Factors.	
667	An early endothelial cell-specific requirement for Glut1 is revealed in Glut1 deficiency syndrome model mice. <b>2021</b> , 6,	6
666	COCO/DAND5 inhibits developmental and pathological ocular angiogenesis. <b>2021</b> , 13, e12005	4
665	Notch Signaling in Vascular Endothelial Cells, Angiogenesis, and Tumor Progression: An Update and Prospective. <b>2021</b> , 9, 642352	21
664	Synthesis and Antitumor Application of Antiangiogenic Gold Nanoclusters. <b>2021</b> , 13, 11708-11720	3
663	Vinculin controls endothelial cell junction dynamics during vascular lumen formation.	



662	Anti-Tumoral and Anti-Angiogenic Effects of Low-Diluted on Melanoma. <b>2021</b> , 11, 597503	2
661	Design, synthesis, docking, ADMET profile, and anticancer evaluations of novel thiazolidine-2,4-dione derivatives as VEGFR-2 inhibitors. <b>2021</b> , 354, e2000491	10
660	Phenotypic diversity and metabolic specialization of renal endothelial cells. <b>2021</b> , 17, 441-464	18
659	The Long Non-Coding RNA HOTAIR Is a Critical Epigenetic Mediator of Angiogenesis in Diabetic Retinopathy. <b>2021</b> , 62, 20	11
658	Downregulation of ceramide synthase 1 promotes oral cancer through endoplasmic reticulum stress. <b>2021</b> , 13, 10	2
657	Contribution of cell death signaling to blood vessel formation. <b>2021</b> , 78, 3247-3264	2
656	Expression of substance P, calcitonin gene-related peptide and vascular endothelial growth factor in human dental pulp under different clinical stimuli. <b>2021</b> , 21, 152	4
655	Dynamic Endothelial Stalk Cell-Matrix Interactions Regulate Angiogenic Sprout Diameter. <b>2021</b> , 9, 620128	4
654	Nanotechnology-Based Strategies to Evaluate and Counteract Cancer Metastasis and Neoangiogenesis. <b>2021</b> , 10, e2002163	5
653	Tmem100-BAC-EGFP mice to selectively mark and purify embryonic endothelial cells of large caliber arteries in mid-gestational vascular formation. <b>2021</b> , 59, e23416	
652	Human Induced Pluripotent Stem Cell-Derived Brain Endothelial Cells: Current Controversies. <b>2021</b> , 12, 642812	10
651	Endothelial Cell Orientation and Polarity Are Controlled by Shear Stress and VEGF Through Distinct Signaling Pathways. <b>2020</b> , 11, 623769	12
650	Traditional Chinese Medicine Shenmayizhi Decoction Ameliorates Memory and Cognitive Impairment Induced by Multiple Cerebral Infarctions. <b>2021</b> , 2021, 6648455	0
649	(TAZ)- gene fusion is sufficient to dysregulate YAP/TAZ signaling and drive epithelioid hemangioendothelioma tumorigenesis. <b>2021</b> , 35, 512-527	11
648	PFKFB3: A Potential Key to Ocular Angiogenesis. <b>2021</b> , 9, 628317	2
647	Enhanced angiogenesis in the 3D dynamic responsive implant for inguinal hernia repair ProFlor. <b>2021</b> , 45, 933-942	3
646	Heparin-modified alginate microspheres enhance neovessel formation in hiPSC-derived endothelial cells and heterocellular in vitro models by controlled release of vascular endothelial growth factor. <b>2021</b> , 109, 1726-1736	6
645	Vascular Patterning as Integrative Readout of Complex Molecular and Physiological Signaling by VESSEL GENERATION ANALYSIS. <b>2021</b> , 58, 207-230	4

644	The role and potential application of extracellular vesicles in liver cancer. <b>2021</b> , 64, 1281-1294	1
643	Macrophage-Mediated Tissue Vascularization: Similarities and Differences Between Cornea and Skin. <b>2021</b> , 12, 667830	3
642	Clinical Results and Biomarker Analyses of Axitinib and TRC105 versus Axitinib Alone in Patients with Advanced or Metastatic Renal Cell Carcinoma (TRAXAR). <b>2021</b> , 26, 560-e1103	1
641	Sodium alginate-bioglass-encapsulated hAECs restore ovarian function in premature ovarian failure by stimulating angiogenic factor secretion. <b>2021</b> , 12, 223	2
640	Neoangiogenesis in the Econiche of Opisthorchis Felineus After Partial Hepatectomy Accompanied by Superinvasive Opisthorchiasis. <b>2021</b> , 10, 27-32	1
639	Dynamic contrast-enhanced breast MRI features correlate with invasive breast cancer angiogenesis. <b>2021</b> , 7, 42	3
638	VEGFA165 gene therapy ameliorates blood-labyrinth barrier breakdown and hearing loss. <b>2021</b> , 6,	5
637	Rebuilding the Vascular Network: and Approaches. <b>2021</b> , 9, 639299	3
636	Insights into the regulatory role of Plexin D1 signalling in cardiovascular development and diseases. <b>2021</b> , 25, 4183-4194	4
635	The Tumour Vasculature as a Target to Modulate Leucocyte Trafficking. <b>2021</b> , 13,	1
634	Crosstalk between MUC1 and VEGF in angiogenesis and metastasis: a review highlighting roles of the MUC1 with an emphasis on metastatic and angiogenic signaling. <b>2021</b> , 21, 200	6
633	Zebrafish as a Useful Model to Study Oxidative Stress-Linked Disorders: Focus on Flavonoids. <b>2021</b> , 10,	5
632	Tuning the Anti-Angiogenic Effect of the P15 Peptide Using Cyclic Trypsin Inhibitor Scaffolds. <b>2021</b> , 16, 829-837	0
631	Hypoxia and Microvascular Alterations Are Early Predictors of IDH-Mutated Anaplastic Glioma Recurrence. <b>2021</b> , 13,	1
630	Immune and vascular contributions to organogenesis of the testis and ovary. <b>2021</b> ,	5
629	Angiogenesis as a hallmark of solid tumors - clinical perspectives. <b>2021</b> , 44, 715-737	24
628	The Urokinase Receptor: A Multifunctional Receptor in Cancer Cell Biology. Therapeutic Implications. <b>2021</b> , 22,	15
627	Crocetin and Its Glycoside Crocin, Two Bioactive Constituents From L. (Saffron), Differentially Inhibit Angiogenesis by Inhibiting Endothelial Cytoskeleton Organization and Cell Migration Through VEGFR2/SRC/FAK and VEGFR2/MEK/ERK Signaling Pathways. <b>2021</b> , 12, 675359	1

626	The tolerance to hypoxia is defined by a time-sensitive response of the gene regulatory network in sea urchin embryos. <b>2021</b> , 148,	1
625	The glycolytic process in endothelial cells and its implications. <b>2021</b> ,	8
624	Inflammation-Mediated Angiogenesis in Ischemic Stroke. <b>2021</b> , 15, 652647	13
623	MicroRNAs in Metastasis and the Tumour Microenvironment. <b>2021</b> , 22,	3
622	Sinner or Saint?: Nck Adaptor Proteins in Vascular Biology. <b>2021</b> , 9, 688388	0
621	VEGF signaling activates the matrix metalloproteinases, MmpL7 and MmpL5 at the sites of active skeletal growth and MmpL7 regulates skeletal elongation. <b>2021</b> , 473, 80-89	5
620	The Peptide Functionalized Inorganic Nanoparticles for Cancer-Related Bioanalytical and Biomedical Applications. <b>2021</b> , 26,	7
619	Control of Tumor Progression by Angiocrine Factors. <b>2021</b> , 13,	3
618	Anti-Angiogenic Property of Free Human Oligosaccharides. <b>2021</b> , 11,	2
617	Inorganic Agents for Enhanced Angiogenesis of Orthopedic Biomaterials. <b>2021</b> , 10, e2002254	3
616	ETS factors are required but not sufficient for specific patterns of enhancer activity in different endothelial subtypes. <b>2021</b> , 473, 1-14	1
615	Reactive Oxygen Species-Induced TRPM2-Mediated Ca Signalling in Endothelial Cells. <b>2021</b> , 10,	5
614	A role for aldehyde dehydrogenase (ALDH) 2 in angiotensin II-mediated decrease in angiogenesis of coronary endothelial cells. <b>2021</b> , 135, 104133	3
613	Live-imaging of endothelial Erk activity reveals dynamic and sequential signalling events during regenerative angiogenesis. <b>2021</b> , 10,	5
612	Galectins in the Pathogenesis of Common Retinal Disease. <b>2021</b> , 12, 687495	0
611	Activating transcription factor 4 regulates angiogenesis under lipid overload via methionine adenosyltransferase 2A-mediated endothelial epigenetic alteration. <b>2021</b> , 35, e21612	1
610	Nano drug delivery system reconstruct tumour vasculature for the tumour vascular normalisation. <b>2021</b> , 1-12	3
609	Remodelling of oxygen-transporting tracheoles drives intestinal regeneration and tumorigenesis in <i>Drosophila</i> . <b>2021</b> , 23, 497-510	5

608	Endothelial cell plasticity at the single-cell level. <b>2021</b> , 24, 311-326	8
607	The PFKFB3 Inhibitor AZ67 Inhibits Angiogenesis Independently of Glycolysis Inhibition. <b>2021</b> , 22,	3
606	Endothelial Insulin Receptors Promote VEGF-A Signaling via ERK1/2 and Sprouting Angiogenesis. <b>2021</b> , 162,	3
605	The Activation of Endothelial Cells Relies on a Ferroptosis-Like Mechanism: Novel Perspectives in Management of Angiogenesis and Cancer Therapy. <b>2021</b> , 11, 656229	6
604	Thrombomodulin, an Unexpected New Player in Endothelial Cell Invasion During Angiogenesis. <b>2021</b> , 41, 1672-1674	
603	Role of TRPV4 channel in vasodilation and neovascularization. <b>2021</b> , 28, e12703	2
602	Small molecules in targeted cancer therapy: advances, challenges, and future perspectives. <b>2021</b> , 6, 201	103
601	In vitro angiogenesis inhibition with selective compounds targeting the key glycolytic enzyme PFKFB3. <b>2021</b> , 168, 105592	1
600	Association between erythrocyte dynamics and vessel remodelling in developmental vascular networks. <b>2021</b> , 18, 20210113	4
599	Thyroid Hormone Enhances Angiogenesis and the Warburg Effect in Squamous Cell Carcinomas. <b>2021</b> , 13,	2
598	Porcine Acellular Dermal Matrix Increases Fat Survival Rate After Fat Grafting in Nude Mice. <b>2021</b> , 1	
597	The Application of Peptides in Glioma: a Novel Tool for Therapy. <b>2021</b> ,	0
596	Delivery of Endothelial Cell-Laden Microgel Elicits Angiogenesis in Self-Assembling Ultrashort Peptide Hydrogels In Vitro. <b>2021</b> , 13, 29281-29292	5
595	Light-Regulated Angiogenesis via a Phototriggerable VEGF Peptidomimetic. <b>2021</b> , 10, e2100488	0
594	Endothelial cell mechanics and blood flow forces in vascular morphogenesis. <b>2021</b> , 120, 32-32	1
593	Tumor microenvironment in head and neck squamous cell carcinoma: Functions and regulatory mechanisms. <b>2021</b> , 507, 55-69	10
592	Targeting the SHP2 phosphatase promotes vascular damage and inhibition of tumor growth. <b>2021</b> , 13, e14089	4
591	Tumor vessel co-option probed by single-cell analysis. <b>2021</b> , 35, 109253	8

590	Nanoformulation Shows Cytotoxicity against Glioblastoma Cell Lines and Antiangiogenic Activity in Chicken Chorioallantoic Membrane. <b>2021</b> , 13,	1
589	Advances in tissue engineering of vasculature through three-dimensional bioprinting. <b>2021</b> , 250, 1717-1738	2
588	Central versus peripheral nervous system regeneration: is there an exception for cranial nerves?. <b>2021</b> , 16, 567-579	2
587	Angiogenic Aptamer-Modified Tetrahedral Framework Nucleic Acid Promotes Angiogenesis In Vitro and In Vivo. <b>2021</b> , 13, 29439-29449	4
586	METTL3 Regulates Angiogenesis by Modulating let-7e-5p and miRNA-18a-5p Expression in Endothelial Cells. <b>2021</b> , 41, e325-e337	5
585	A novel regulatory network of linc00174/miR-150-5p/VEGFA modulates pathological angiogenesis in diabetic retinopathy. <b>2021</b> , 99, 1175-1183	1
584	The ER membrane protein complex subunit Emc3 controls angiogenesis via the FZD4/WNT signaling axis. <b>2021</b> , 64, 1868-1883	6
583	Network-Based Analysis Reveals Gene Signature in Tip Cells and Stalk Cells. <b>2021</b> ,	0
582	Exosomes derived from macrophages upon cobalt ion stimulation promote angiogenesis. <b>2021</b> , 203, 111742	1
581	Dexamethasone Inhibits the Pro-Angiogenic Potential of Primary Human Myoblasts. <b>2021</b> , 22,	1
580	Diverse Effects of Exosomes on COVID-19: A Perspective of Progress From Transmission to Therapeutic Developments. <b>2021</b> , 12, 716407	12
579	The blood flow-klf6a-tagln2 axis drives vessel pruning in zebrafish by regulating endothelial cell rearrangement and actin cytoskeleton dynamics. <b>2021</b> , 17, e1009690	3
578	Macrophage regulation of angiogenesis in health and disease. <b>2021</b> , 119, 101-110	11
577	Neural crest metabolism: At the crossroads of development and disease. <b>2021</b> , 475, 245-255	2
576	Regulation of endothelial cell differentiation in embryonic vascular development and its therapeutic potential in cardiovascular diseases. <b>2021</b> , 276, 119406	2
575	Metformin Suppresses the Progress of Diabetes-Accelerated Atherosclerosis by Inhibition of Vascular Smooth Muscle Cell Migration Through AMPK-Pdlim5 Pathway. <b>2021</b> , 8, 690627	3
574	Oroxylin a Attenuates Limb Ischemia by Promoting Angiogenesis Modulation of Endothelial Cell Migration. <b>2021</b> , 12, 705617	0
573	Ubiquitin ligases in cancer: Functions and clinical potentials. <b>2021</b> , 28, 918-933	12

572	Potential Regulatory Roles of GRK2 in Endothelial Cell Activity and Pathological Angiogenesis. <b>2021</b> , 12, 698424	2
571	Lenvatinib Targets PDGFR- $\alpha$ Pericytes and Inhibits Synergy With Thyroid Carcinoma Cells: Novel Translational Insights. <b>2021</b> , 106, 3569-3590	1
570	Lactate Consumption via Cascaded Enzymes Combined VEGF siRNA for Synergistic Anti-Proliferation and Anti-Angiogenesis Therapy of Tumors. <b>2021</b> , 10, e2100799	4
569	Altered Jagged1-Notch1 Signaling in Enhanced Dysfunctional Neovascularization and Delayed Angiogenesis After Ischemic Stroke in HFD/STZ Induced Type 2 Diabetes Rats. <b>2021</b> , 12, 687947	0
568	Biofunctionalization of bioactive ceramic scaffolds to increase the cell response for bone regeneration. <b>2021</b> , 16,	2
567	Largazole Inhibits Ocular Angiogenesis by Modulating the Expression of VEGFR2 and p21. <b>2021</b> , 19,	0
566	In Vivo Matrigel Plug Assay as a Potent Method to Investigate Specific Individual Contribution of Angiogenesis to Blood Flow Recovery in Mice. <b>2021</b> , 22,	0
565	Peptide Inhibitors of Vascular Endothelial Growth Factor A: Current Situation and Perspectives. <b>2021</b> , 13,	2
564	Exosome-derived SNHG16 sponging miR-4500 activates HUVEC angiogenesis by targeting GALNT1 via PI3K/Akt/mTOR pathway in hepatocellular carcinoma. <b>2021</b> , 77, 667-682	2
563	Study on the Effect of Macrophages on Vascular Endothelium in Mice With Different TCM Syndromes of Dyslipidemia and its Biological Basis Based on RNA-Seq Technology. <b>2021</b> , 12, 665635	1
562	Hypoxia Pathway Proteins and Their Impact on the Blood Vasculature. <b>2021</b> , 22,	4
561	Vascular Normalization: A New Window Opened for Cancer Therapies. <b>2021</b> , 11, 719836	4
560	The Amot/integrin protein complex transmits mechanical forces required for vascular expansion. <b>2021</b> , 36, 109616	1
559	Tumour-host interactions through the lens of Drosophila. <b>2021</b> , 21, 687-700	6
558	Direct comparison of angiogenesis in natural and synthetic biomaterials reveals that matrix porosity regulates endothelial cell invasion speed and sprout diameter. <b>2021</b> , 135, 260-273	5
557	Specialized endothelial tip cells guide neuroretina vascularization and blood-retina-barrier formation. <b>2021</b> , 56, 2237-2251.e6	4
556	Therapeutic angiogenesis in coronary artery disease: a review of mechanisms and current approaches. <b>2021</b> , 30, 947-963	2
555	New Technologies With Increased Precision Improve Understanding of Endothelial Cell Heterogeneity in Cardiovascular Health and Disease. <b>2021</b> , 9, 679995	0

554	Pericyte Insulin Receptors Modulate Retinal Vascular Remodeling and Endothelial Angiopoietin Signaling. <b>2021</b> , 162,	1
553	Epigenetic Regulation of the Vascular Endothelium by Angiogenic LncRNAs. <b>2021</b> , 12, 668313	2
552	The Role of miR-181c in Mechanisms of Diabetes-Impaired Angiogenesis: An Emerging Therapeutic Target for Diabetic Vascular Complications. <b>2021</b> , 12, 718679	0
551	Peripheral neurovascular link: an overview of interactions and in vitro models. <b>2021</b> , 32, 623-638	0
550	From remodeling to quiescence: The transformation of the vascular network. <b>2021</b> , 203735	0
549	Epigenetic Regulation of Angiogenesis in Development and Tumors Progression: Potential Implications for Cancer Treatment. <b>2021</b> , 9, 689962	6
548	miR-210 hypoxamiR in angiogenesis and diabetes. <b>2021</b> ,	1
547	Modulation of endothelium function by fatty acids. <b>2021</b> , 1	9
546	Hippo/yes-associated protein signaling functions as a mechanotransducer in regulating vascular homeostasis. <b>2021</b> , 162, 158-165	0
545	3D Bioprinting of Engineered Tissue Flaps with Hierarchical Vessel Networks (VesselNet) for Direct Host-To-Implant Perfusion. <b>2021</b> , 33, e2102661	11
544	Hierarchical imaging and computational analysis of three-dimensional vascular network architecture in the entire postnatal and adult mouse brain. <b>2021</b> , 16, 4564-4610	4
543	Targeting the Angiopoietin/Tie Pathway: Prospects for Treatment of Retinal and Respiratory Disorders. <b>2021</b> , 81, 1731-1749	3
542	The Importance of Cutaneous Innervation in Wound Healing: From Animal Studies to Clinical Applications. <b>2021</b> , 15347346211045022	0
541	Galectins in Endothelial Cell Biology and Angiogenesis: The Basics. <b>2021</b> , 11,	3
540	The histone acetyltransferase HBO1 promotes efficient tip cell sprouting during angiogenesis. <b>2021</b> , 148,	0
539	Developmental Angiogenesis Requires the Mitochondrial Phenylalanyl-tRNA Synthetase. <b>2021</b> , 8, 724846	1
538	Pre-clinical Research of Human Amnion-derived Mesenchymal Stem Cells and its First Clinical Treatment for a Severe Uremic Calciphylaxis Patient.	
537	Expression, regulation, and function of exosome-derived miRNAs in cancer progression and therapy. <b>2021</b> , 35, e21916	16

536	Ferroptosis and Cancer: Complex Relationship and Potential Application of Exosomes. <b>2021</b> , 9, 733751	10
535	Tetrandrine promotes angiogenesis via transcriptional regulation of VEGF-A. <b>2021</b> , 141, 106920	2
534	Conquering the Hypoxia Limitation for Photodynamic Therapy. <b>2021</b> , 33, e2103978	41
533	HIF in the heart: development, metabolism, ischemia, and atherosclerosis. <b>2021</b> , 131,	5
532	Chemerin regulates normal angiogenesis and hypoxia-driven neovascularization. <b>2021</b> , 1	6
531	A Cyclic Peptide Epitope of an Under-Explored VEGF-B Loop 1 Demonstrated Anti-Angiogenic and Anti-Tumor Activities. <b>2021</b> , 12, 734544	
530	KAI1(CD82) is a key molecule to control angiogenesis and switch angiogenic milieu to quiescent state. <b>2021</b> , 14, 148	1
529	Crocetin suppresses angiogenesis and metastasis through inhibiting sonic hedgehog signaling pathway in gastric cancer. <b>2021</b> , 576, 86-92	2
528	The potentials of carbon monoxide-releasing molecules in cancer treatment: An outlook from ROS biology and medicine. <b>2021</b> , 46, 102124	4
527	The heterogeneity of cancer endothelium: The relevance of angiogenesis and endothelial progenitor cells in cancer microenvironment. <b>2021</b> , 138, 104189	3
526	Angiogenesis as a potential treatment strategy for rheumatoid arthritis. <b>2021</b> , 910, 174500	5
525	Contribution of CXCR3-mediated signaling in the metastatic cascade of solid malignancies. <b>2021</b> , 1876, 188628	1
524	Low-intensity pulsed ultrasound promotes angiogenesis via the AKT pathway and DNA methylation in human umbilical vein endothelial cells. <b>2022</b> , 118, 106561	2
523	Novel sulfonamide-chalcone hybrid stimulates inflammation, angiogenesis and upregulates vascular endothelial growth factor (VEGF) in vivo. <b>2022</b> , 139, 104253	1
522	Epigenetic mechanisms underlying the benefits of flavonoids in cardiovascular health and diseases: are long non-coding RNAs rising stars?. <b>2021</b> , 1-19	4
521	Differences between common endothelial cell models (primary human aortic endothelial cells and EA.hy926 cells) revealed through transcriptomics, bioinformatics, and functional analysis. <b>2021</b> , 3, 135-145	2
520	The Effects on Angiogenesis of Relevant Inorganic Chemotherapeutics. <b>2021</b> , 21, 73-86	3
519	Steroid hormones and first trimester vascular remodeling. <b>2021</b> , 116, 363-387	1



518	Therapeutic Angiogenesis in Regenerative Medicine. <b>2021</b> , 79-100	
517	Biomimetic Models of the Microcirculation for Scientific Discovery and Therapeutic Testing. <b>2021</b> , 321-342	
516	Gene Expression of Vascular Endothelial Growth Factor A and its Receptors in Dental Pulp of Immature and Mature Teeth.. <b>2021</b> , 6, 259-263	0
515	Mechanical Regulation of Microvascular Growth and Remodeling. <b>2021</b> , 33-76	
514	KIT is required for fetal liver erythropoiesis but dispensable for angiogenesis.	1
513	Heparin-modified alginate microspheres enhance neovessel formation in hiPSC-derived endothelial cells and heterocellular in vitro models by controlled release of VEGF.	1
512	Tip Cells in Angiogenesis. 1-10	2
511	Early hypertension and neutropenia are predictors of treatment efficacy in metastatic colorectal cancer patients administered FOLFIRI and vascular endothelial growth factor inhibitors as second-line chemotherapy. <b>2021</b> , 10, 615-625	3
510	Escape mechanisms from antiangiogenic therapy: an immune cell's perspective. <b>2014</b> , 772, 83-99	10
509	Angiogenesis Assays. <b>2016</b> , 1379, 107-15	6
508	Lactate and Lactate Transporters as Key Players in the Maintenance of the Warburg Effect. <b>2020</b> , 1219, 51-74	22
507	Endothelial Cells (ECs) Metabolism: A Valuable Piece to Disentangle Cancer Biology. <b>2020</b> , 1219, 143-159	2
506	Mechanical Regulation of Microvascular Growth and Remodeling. <b>2019</b> , 1-45	1
505	Angiogenesis-Based Therapies for Eye Diseases. <b>2017</b> , 259-297	2
504	Role of Skeletal Muscle Angiogenesis in Peripheral Artery Disease. <b>2017</b> , 517-532	2
503	Mitochondrial and Metabolic Drivers of Pulmonary Vascular Endothelial Dysfunction in Pulmonary Hypertension. <b>2017</b> , 967, 373-383	26
502	Elastin in Vascular Grafts. <b>2019</b> , 1-32	3
501	Essentials of Angiogenesis. <b>2015</b> , 137-165	1

500	Quantitative Analysis of Angiogenesis in the Allantois Explant Model. <b>2012</b> , 189-204	2
499	Pattern Formation in Biological Systems. <b>2016</b> ,	1
498	Coupling between the TRPC3 ion channel and the NCX1 transporter contributed to VEGF-induced ERK1/2 activation and angiogenesis in human primary endothelial cells. <b>2017</b> , 37, 12-30	26
497	Notch-independent RBPJ controls angiogenesis in the adult heart. <b>2016</b> , 7, 12088	35
496	Isolation of tissue-resident vascular endothelial stem cells from mouse liver. <b>2020</b> , 15, 1066-1081	7
495	Endothelial Cords Promote Tumor Initial Growth prior to Vascular Function through a Paracrine Mechanism. <b>2016</b> , 6, 19404	7
494	Sulindac, a non-steroidal anti-inflammatory drug, mediates breast cancer inhibition as an immune modulator. <b>2016</b> , 6, 19534	25
493	Role of Moesin in Advanced Glycation End Products-Induced Angiogenesis of Human Umbilical Vein Endothelial Cells. <b>2016</b> , 6, 22749	17
492	Angiodysplasia in von Willebrand Disease: Understanding the Clinical and Basic Science. <b>2017</b> , 43, 572-580	11
491	VE-cadherin endocytosis controls vascular integrity and patterning during development. <b>2020</b> , 219,	15
490	Mechanisms of new blood-vessel formation and proliferative heterogeneity of endothelial cells. <b>2020</b> , 32, 295-305	36
489	Identification of diverse tumor endothelial cell populations in malignant glioma. <b>2021</b> , 23, 932-944	12
488	Tacrolimus rescues endothelial ALK1 loss-of-function signaling and improves HHT vascular pathology.	1
487	Hemodynamic forces tune the arrest, adhesion and extravasation of circulating tumor cells.	3
486	On the preservation of vessel bifurcations during flow-mediated angiogenic remodelling.	1
485	Redundant function of Ets1 and Ets2 in regulating M-phase progression in post-natal angiogenesis.	1
484	Association between erythrocyte dynamics and vessel remodelling in developmental vascular networks.	1
483	Notch controls arterialization by regulating the cell cycle and not differentiation.	1

482	Dach1 extends artery networks and protects against cardiac injury.	1
481	The tolerance to hypoxia is defined by a time-sensitive response of the gene regulatory network in sea urchin embryos.	0
480	Calcium-vesicles perform active diffusion in the sea urchin embryo during larval biomineralization.	1
479	Live-imaging of endothelial Erk activity reveals dynamic and sequential signalling events during regenerative angiogenesis.	0
478	Active Perception during Angiogenesis: Filopodia speed up Notch selection of tip cells in silico and in vivo.	1
477	Adult spiny mice ( <i>Acomys</i> ) exhibit endogenous cardiac recovery in response to myocardial infarction.	1
476	Targeting the SHP2 phosphatase promotes vascular damage and inhibition of tumor growth.	1
475	PolNet Analysis: a software tool for the quantification of network-level endothelial cell polarity and blood flow during vascular remodelling.	1
474	Pericytes enable effective angiogenesis in the presence of pro-inflammatory signals.	1
473	VE-cadherin endocytosis controls vascular integrity and patterning during development.	1
472	Evaluating snail-trail frameworks for leader-follower behavior with agent-based modeling. <b>2020</b> , 102, 062417	1
471	Sex differences in murine myocutaneous flap revascularization. <b>2020</b> , 28, 470-479	2
470	Deubiquitinase USP10 regulates Notch signaling in the endothelium. <b>2019</b> , 364, 188-193	36
469	Gene expression profiles of brain endothelial cells during embryonic development at bulk and single-cell levels. <b>2017</b> , 10,	67
468	Design, Synthesis, and Cytotoxic Screening of New Quinoline Derivatives over MCF-7 Breast Cancer Cell Line. <b>2020</b> , 46, 1099-1109	1
467	Nutrient Sensing in Cancer. <b>2018</b> , 2, 251-269	18
466	Vascular Regeneration in Peripheral Artery Disease. <b>2020</b> , 40, 1627-1634	22
465	Caspase-8 modulates physiological and pathological angiogenesis during retina development. <b>2019</b> , 129, 5092-5107	9

464	Transmembrane protein ESDN promotes endothelial VEGF signaling and regulates angiogenesis. <b>2013</b> , 123, 5082-97	35
463	YAP/TAZ regulates sprouting angiogenesis and vascular barrier maturation. <b>2017</b> , 127, 3441-3461	188
462	High-Mobility Group Box 1 (HMGB1) Induces Migration of Endothelial Progenitor Cell via Receptor for Advanced Glycation End-Products (RAGE)-Dependent PI3K/Akt/eNOS Signaling Pathway. <b>2019</b> , 25, 6462-6473	8
461	Spalt-Like Protein 4 (SALL4) Promotes Angiogenesis by Activating Vascular Endothelial Growth Factor A (VEGFA) Signaling. <b>2020</b> , 26, e920851	4
460	A novel role for syndecan-3 in angiogenesis. <b>2013</b> , 2, 270	32
459	Host deficiency in ephrin-A1 inhibits breast cancer metastasis. <b>2020</b> , 9, 217	11
458	Hypoxia-induced alternative splicing in endothelial cells. <b>2012</b> , 7, e42697	60
457	No evidence for a functional role of bi-directional Notch signaling during angiogenesis. <b>2012</b> , 7, e53074	16
456	Detection of rapalog-mediated therapeutic response in renal cancer xenografts using $^{64}\text{Cu}$ -bevacizumab immunoPET. <b>2013</b> , 8, e58949	23
455	EGFP-EGF1-conjugated PLGA nanoparticles for targeted delivery of siRNA into injured brain microvascular endothelial cells for efficient RNA interference. <b>2013</b> , 8, e60860	24
454	A distinct mechanism of vascular lumen formation in <i>Xenopus</i> requires EGFL7. <b>2015</b> , 10, e0116086	12
453	Hypoxia augments outgrowth endothelial cell (OEC) sprouting and directed migration in response to sphingosine-1-phosphate (S1P). <b>2015</b> , 10, e0123437	32
452	Improved Angiogenesis in Response to Localized Delivery of Macrophage-Recruiting Molecules. <b>2015</b> , 10, e0131643	36
451	Walking the Line: A Fibronectin Fiber-Guided Assay to Probe Early Steps of (Lymph)angiogenesis. <b>2015</b> , 10, e0145210	13
450	A Mathematical Model Coupling Tumor Growth and Angiogenesis. <b>2016</b> , 11, e0149422	44
449	Oxidized Lipoprotein as a Major Vessel Cell Proliferator in Oxidized Human Serum. <b>2016</b> , 11, e0160530	3
448	Metabolic regulation of exercise-induced angiogenesis. <b>2019</b> , 1, H1-H8	11
447	Revisiting PI3-kinase signalling in angiogenesis. <b>2019</b> , 1, H125-H134	8

446	An in-vitro study of Amniotic membrane, Villous chorion and Wharton's jelly-derived Mesenchymal stem cells and their potential for cardiac repair. <b>2018</b> , 4,	1
445	Lenvatinib Suppresses Angiogenesis through the Inhibition of both the VEGFR and FGFR Signaling Pathways. 019-025	3
444	[Furin as proprotein convertase and its role in normal and pathological biological processes]. <b>2016</b> , 62, 609-621	2
443	Pregnancy-specific glycoprotein 9 (PSG9), a driver for colorectal cancer, enhances angiogenesis via activation of SMAD4. <b>2016</b> , 7, 61562-61574	13
442	Tumor-suppressive microRNA-218 inhibits tumor angiogenesis via targeting the mTOR component RICTOR in prostate cancer. <b>2017</b> , 8, 8162-8172	46
441	Plumbagin restrains hepatocellular carcinoma angiogenesis by suppressing the migration and invasion of tumor-derived vascular endothelial cells. <b>2017</b> , 8, 15230-15241	20
440	Tumor vasculogenic mimicry formation as an unfavorable prognostic indicator in patients with breast cancer. <b>2017</b> , 8, 56408-56416	33
439	HIF-2 $\alpha$ promotes the formation of vasculogenic mimicry in pancreatic cancer by regulating the binding of Twist1 to the VE-cadherin promoter. <b>2017</b> , 8, 47801-47815	33
438	Y-tocotrienol inhibits angiogenesis-dependent growth of human hepatocellular carcinoma through abrogation of AKT/mTOR pathway in an orthotopic mouse model. <b>2014</b> , 5, 1897-911	117
437	Inhibitory effect of caveolin-1 in vascular endothelial cells, pericytes and smooth muscle cells. <b>2017</b> , 8, 76165-76173	11
436	Local blockage of self-sustainable erythropoietin signaling suppresses tumor progression in non-small cell lung cancer. <b>2017</b> , 8, 82352-82365	2
435	Deguelin suppresses angiogenesis in human hepatocellular carcinoma by targeting HGF-c-Met pathway. <b>2018</b> , 9, 152-166	22
434	AngioMatrix, a signature of the tumor angiogenic switch-specific matrix, correlates with poor prognosis for glioma and colorectal cancer patients. <b>2014</b> , 5, 10529-45	37
433	The cytotoxic effects of regorafenib in combination with protein kinase D inhibition in human colorectal cancer cells. <b>2015</b> , 6, 4745-56	15
432	Sunitinib but not VEGF blockade inhibits cancer stem cell endothelial differentiation. <b>2015</b> , 6, 11295-309	27
431	Powerful anti-tumor and anti-angiogenic activity of a new anti-vascular endothelial growth factor receptor 1 peptide in colorectal cancer models. <b>2015</b> , 6, 10563-76	20
430	Increased angiogenesis is associated with a 32-gene expression signature and 6p21 amplification in aggressive endometrial cancer. <b>2015</b> , 6, 10634-45	13
429	Genetic interaction of P2X7 receptor and VEGFR-2 polymorphisms identifies a favorable prognostic profile in prostate cancer patients. <b>2015</b> , 6, 28743-54	16

428	Beyond proliferation: KLF5 promotes angiogenesis of bladder cancer through directly regulating VEGFA transcription. <b>2015</b> , 6, 43791-805	47
427	Bevacizumab specifically decreases elevated levels of circulating KIT+CD11b+ cells and IL-10 in metastatic breast cancer patients. <b>2016</b> , 7, 11137-50	10
426	Angiogenesis in NSCLC: is vessel co-option the trunk that sustains the branches?. <b>2017</b> , 8, 39795-39804	26
425	Antivascular and antitumor properties of the tubulin-binding chalcone TUB091. <b>2017</b> , 8, 14325-14342	37
424	NOTCH signalling in ovarian cancer angiogenesis. <b>2020</b> , 8, 1705	6
423	Endostatin enhances antitumor effect of tumor antigen-pulsed dendritic cell therapy in mouse xenograft model of lung carcinoma. <b>2016</b> , 28, 452-60	9
422	Self-Assembling Peptide-Based Hydrogels in Angiogenesis. <b>2020</b> , 15, 10257-10269	5
421	Diverse Functions and Mechanisms of Pericytes in Ischemic Stroke. <b>2017</b> , 15, 892-905	53
420	The Dual Role of Microglia in Blood-Brain Barrier Dysfunction after Stroke. <b>2020</b> , 18, 1237-1249	8
419	Crosstalk between Inflammation and the BBB in Stroke. <b>2020</b> , 18, 1227-1236	23
418	Recent Approaches for Angiogenesis in Search of Successful Tissue Engineering and Regeneration. <b>2020</b> , 15, 111-134	10
417	Combining Bevacizumab with Radiation or Chemoradiation for Solid Tumors: A Review of the Scientific Rationale, and Clinical Trials. <b>2012</b> , 1, 169-179	18
416	Vascular endothelial growth factor as a potential marker of subclinical organ damage mediated by arterial hypertension. <b>2019</b> , 34, 40-44	1
415	Shear-Stress Sensitive Inwardly-Rectifying K Channels Regulate Developmental Retinal Angiogenesis by Vessel Regression. <b>2019</b> , 52, 1569-1583	9
414	Angiogenic Effects of Human Dental Pulp and Bone Marrow-Derived Mesenchymal Stromal Cells and their Extracellular Vesicles. <b>2020</b> , 9,	28
413	Tumor-Associated Macrophages: Protumoral Macrophages in Inflammatory Tumor Microenvironment. <b>2020</b> , 10, 556-565	14
412	Application of quantitative estimates of fecal hemoglobin concentration for risk prediction of colorectal neoplasia. <b>2013</b> , 19, 8366-72	19
411	Emerging role of long non-coding RNAs in pulmonary hypertension and their molecular mechanisms (Review). <b>2020</b> , 20, 164	2

410	Detection and analysis of angiogenesis pathway-associated lncRNA expression profiles in human skin fibroblasts under high-glucose conditions. <b>2020</b> , 22, 2283-2290	4
409	Understanding and targeting resistance to anti-angiogenic therapies. <b>2013</b> , 4, 253-63	60
408	Targeting angiogenesis in lung cancer - Pitfalls in drug development. <b>2012</b> , 1, 122-8	6
407	Galectins in tumor angiogenesis. <b>2014</b> , 2, 90	24
406	High matrix metalloproteinase-9 expression induces angiogenesis and basement membrane degradation in stroke-prone spontaneously hypertensive rats after cerebral infarction. <b>2014</b> , 9, 1154-62	17
405	Angiogenesis in tissue-engineered nerves evaluated objectively using MICROFIL perfusion and micro-CT scanning. <b>2016</b> , 11, 168-73	14
404	Evaluation of collagen derived antiangiogenic factors and matrix metalloproteinases in anterior lens epithelial cells of pediatric eyes with persistent fetal vasculature. <b>2019</b> , 67, 1618-1622	5
403	Neurovascular patterning cues and implications for central and peripheral neurological disease. <b>2017</b> , 8, 208	4
402	Critical Factors in Measuring Angiogenesis Using the Aortic Ring Model. <b>2013</b> , 4,	5
401	Significance of Tissue Expression and Serum Levels of Angiopoietin-like Protein 4 in Breast Cancer Progression: Link to NF- $\kappa$ B /P65 Activity and Pro-Inflammatory Cytokines. <b>2015</b> , 16, 8579-87	17
400	Photoreceptor avascular privilege is shielded by soluble VEGF receptor-1. <b>2013</b> , 2, e00324	57
399	Non-canonical Wnt signalling modulates the endothelial shear stress flow sensor in vascular remodelling. <b>2016</b> , 5, e07727	92
398	Synchronization of endothelial Dll4-Notch dynamics switch blood vessels from branching to expansion. <b>2016</b> , 5,	75
397	Non-canonical Wnt signaling regulates junctional mechanocoupling during angiogenic collective cell migration. <b>2019</b> , 8,	37
396	Endothelial PKA activity regulates angiogenesis by limiting autophagy through phosphorylation of ATG16L1. <b>2019</b> , 8,	15
395	Defining the role of pulmonary endothelial cell heterogeneity in the response to acute lung injury. <b>2020</b> , 9,	58
394	Assessment of the effects of ischaemia/ hypoxia on angiogenesis in rat myofascial trigger points using colour Doppler flow imaging. <b>2020</b> , 8, e10481	2
393	Sex-Based Differences in the Tumor Microenvironment. <b>2021</b> , 1329, 499-533	0

392	Tumor Microenvironment-Associated Pericyte Populations May Impact Therapeutic Response in Thyroid Cancer. <b>2021</b> , 1329, 253-269	0
391	Mechanical Aspects of Angiogenesis. <b>2021</b> , 13,	7
390	fluorescence molecular imaging of the vascular endothelial growth factor in rats with early diabetic retinopathy. <b>2021</b> , 12, 7185-7198	1
389	The Effect of Surface-Modified Gold Nanorods on the Early Stage of Embryonic Development and Angiogenesis: Insight into the Molecular Pathways. <b>2021</b> , 22,	0
388	Extracellular Environment-Controlled Angiogenesis, and Potential Application for Peripheral Nerve Regeneration. <b>2021</b> , 22,	1
387	Pro-angiogenic activity and vasculogenic mimicry in the tumor microenvironment by leptin in cancer. <b>2021</b> , 62, 23-41	3
386	MiR-339-3p aggravates rat vascular inflammation induced by AT1R autoantibodies by down-regulating BK $\beta$ protein expression.	
385	Yolk sac-derived bipotent endothelial-macrophage progenitor cells are a self-renewing tissue-resident source of inflammation and neovascularization postnatally.	
384	Exercise promotes angiogenesis by enhancing endothelial cell fatty acid use via liver-derived extracellular vesicle miR-122-5p. <b>2021</b> ,	5
383	Nutraceuticals and their role in tumor angiogenesis. <b>2021</b> , 408, 112859	0
382	The tumour neovasculature-homing dimeric peptide GX1 demonstrates antiangiogenic activity in the retinal neovasculature. <b>2021</b> , 912, 174574	1
381	Construction of adenovirus vector carrying hSulf-1 gene and its effects on proliferation and migration of human endothelial cells. <b>2012</b> , 32, 247-251	
380	Vascular-Resident Endothelial Side Population Cells. <b>2013</b> , 67-84	
379	Multiple Roles of Proteases in Angiogenesis. <b>2013</b> , 85-99	
378	GRANULOCYTE INFILTRATION AND EXPRESSION OF THE PRO-ANGIOGENIC BV8 PROTEIN IN EXPERIMENTAL EL4 AND LEWIS LUNG CARCINOMA TUMORS. <b>2013</b> , 5, 82	1
377	Emerging Role of the Two Related Basic Helix-Loop-Helix Proteins TAL1 and LYL1 in Angiogenesis. <b>2014</b> , 149-167	
376	Hypoxia and Extracellular Matrix Remodeling. <b>2014</b> , 171-197	
375	Vascular Modulatory Functions of Macrophages. <b>2014</b> , 131-168	



- 374 Essentials of Angiogenesis. **2014**, 1-34 1
- 373 Large Arteries, Microcirculation, and Mechanisms of Hypertension. **2014**, 15-21
- 372 Emergence of Endothelial Cells During Vascular Development. **2014**, 3-23
- 371 Vascular Embryology. **2015**, 3-19
- 370 Role of caveolin-2 in subcutaneous tumor growth and angiogenesis associated with syngeneic mouse Lewis lung carcinoma and B16 melanoma models. **2014**, 1, 1
- 369 Optical Coherence Tomography in Cancer Imaging. **2015**, 1399-1412 0
- 368 A Novel Image Analysis Methodology for the Evaluation of Angiogenesis in Matrigel Assays and Screening of Angiogenesis-Modulating Compounds. **2015**, 61-71
- 367 Cell-Type Specific GRK2 Interactomes: Pathophysiological Implications. **2016**, 123-149
- 366 Angiogenesis: Basics of Vascular Biology. **2016**, 1-29 0
- 365 VASCULAR ENDOTHELIAL GROWTH FACTOR IN HEALTH AND DISEASE: A REVIEW. **2016**, 3, 4363-4373
- 364 Unique Genetic Signatures in Asian Age-Related Macular Degeneration: An Opportunity for Drug Development. **2017**, 497-507
- 363 Thermography in Animal Models of Cancer. **2017**, 237-263
- 362 [The cellular and molecular mechanisms of angiogenesis regulation in the brain]. **2017**, 117, 43-55 2
- 361 The role of hypoxia-inducible factor in the syndrome of chronic lower limb ischemia and influence of diabetes mellitus on process of angiogenesis. **2017**, 16, 4-9 1
- 360 Junction-based lamellipodia drive endothelial cell rearrangements in vivo via a VE-cadherin/F-actin based oscillatory ratchet mechanism.
- 359 Benefits and Pitfalls of Tumor Vessel Normalization. **2018**, 1-21
- 358 Hemodynamic Forces Tune the Arrest, Adhesion, and Extravasation of Circulating Tumor Cells.
- 357 Pathology of Tumor Angiogenesis. **2018**, 1-22

356 Endothelial Cell-Cell Junctions in Tumor Angiogenesis. **2018**, 1-29

355 OBSOLETE: Angiogenesis. **2018**,

354 Angiogenesis and Anti-angiogenic Therapy in Head and Neck Cancer. **2018**, 439-467

353 Thermography in Animal Models of Cancer. **2018**, 132-158

352 Positive-feedback defines the timing and robustness of angiogenesis.

351 Blood flow-mediated gene transfer and siRNA-knockdown in the developing vasculature in a spatio-temporally controlled manner in chicken embryos.

350 Targeted RNA NextGenSeq profiling in oncology using single molecule molecular inversion probes.

349 Inhibition of Notch signaling rescues cardiovascular development in Kabuki Syndrome.

348 Pathology of Tumor Angiogenesis. **2019**, 253-274

347 Identification of vascular endothelial stem cells and endothelial heterogeneity. **2019**, 30, 489-495

346 In Vitro Models to Study the Regulatory Roles of Retinoids in Angiogenesis. **2019**, 2019, 73-83

345 Endothelial Cell-Cell Junctions in Tumor Angiogenesis. **2019**, 91-119

1

344 Molecular and Cellular Mechanisms of Angiogenesis. **2019**, 219-226

343 Benefits and Pitfalls of Tumor Vessel Normalization. **2019**, 51-71

1

342 Possible co-option of a VEGF-driven tubulogenesis program for biomineralization in echinoderms.

341 Beta secretase 1-dependent amyloid precursor protein processing promotes excessive vascular sprouting through NOTCH3 signaling.

340 Endothelial PKA targets ATG16L1 to regulate angiogenesis by limiting autophagy.

339 Competing Fluid Forces Control Endothelial Sprouting in a 3-D Microfluidic Vessel Bifurcation Model.

- 338 Caspase-8 Modulates Angiogenesis By Regulating A Cell Death Independent Pathway In Endothelial Cells.
- 337 Molecular and Cellular Mechanisms of Vascular Development. 1-9
- 336 DLC1 is a direct target of activated YAP/TAZ that drives collective migration and sprouting angiogenesis.
- 335 Functional angiogenesis requires microenvironmental cues balancing endothelial cell migration and proliferation. 0
- 334 Multi-Parametric Profiling of Endothelial Cell Networks Reveals Functional Role of Glutamate Receptors in Angiogenesis.
- 333 SingleCellSignalR: Inference of intercellular networks from single-cell transcriptomics. 1
- 332 Therapeutic Angiogenesis in Regenerative Medicine. **2020**, 1-22
- 331 Therapeutic Angiogenesis in Regenerative Medicine. **2020**, 1-22
- 330 Toward the Clinical Application of Therapeutic Angiogenesis Against Pediatric Ischemic Retinopathy. **2020**, 9, 268-282 0
- 329 Recent Development in the Biomarkers for the Gastric Cancer. **2020**, 115-138
- 328 Pathogenesis of Choroidal Neovascularization. **2020**, 7-14
- 327 Host deficiency in ephrin-A1 inhibits breast cancer metastasis. **2020**, 9, 217 7
- 326 Retina-specific targeting of pericytes reveals structural diversity and enables control of capillary blood flow. 1
- 325 miR-151a enhances Slug dependent angiogenesis. **2020**, 11, 2160-2171 6
- 324 Safety and effectiveness of new embolization microspheres SCBRM for intermediate-stage hepatocellular carcinoma: A feasibility study. **2021**, 21, 339-345
- 323 The cytoskeleton adaptor protein Sorbs1 controls the development of lymphatic and venous vessels in zebrafish.
- 322 Angiogenic Sprouting Dynamics Mediated by Endothelial-Fibroblast Interactions in Microfluidic Systems. **2021**, 5, e2101080 2
- 321 Dual-Depletion of Intratumoral Lactate and ATP with Radicals Generation for Cascade Metabolic-Chemodynamic Therapy. **2021**, e2102595 8

- 320 The Role of Ninjurin1 and Its Impact beyond the Nervous System. **2020**, 42, 159-169 3
- 319 Invasion and nerve fibers damage in endometriosis. **2020**, 26, 53 1
- 318 Tumor perivascular cell-derived extracellular vesicles promote angiogenesis via the Gas6/Axl pathway. **2022**, 524, 131-143 2
- 317 Mesenchymal stromal cells enhance self-assembly of a HUVEC tubular network through uPA-uPAR/VEGFR2/integrin/NOTCH crosstalk. **2022**, 1869, 119157 3
- 316 Vascularization of 3D Engineered Tissues. **2020**, 1-18
- 315 Vascularization of 3D Engineered Tissues. **2020**, 469-486
- 314 Notch Signaling in Familial Cerebral Cavernous Malformations and Immunohistochemical Detection of Cleaved Notch1 Intracellular Domain. **2020**, 2152, 427-435 0
- 313 The Multifaceted Roles of LncRNAs in Diabetic Complications: A Promising Yet Perplexing Paradigm. **2020**, 491-521 1
- 312 Pathophysiology of Angiogenesis and Its Role in Vascular Disease. **2020**, 89-116
- 311 Elastin in Vascular Grafts. **2020**, 379-410 1
- 310 Immunotherapy for Pediatric Solid Tumors. **2020**, 49-73 1
- 309 Vasohibin-1 mediated tubulin detyrosination selectively regulates secondary sprouting and lymphangiogenesis in the zebrafish trunk.
- 308 Distinct Vegfa isoforms control endothelial cell proliferation through PI3 kinase signalling mediated regulation of cdkn1a/p21.
- 307 Biodegradable small-diameter vascular graft: types of modification with bioactive molecules and RGD peptides. **2020**, 22, 86-96
- 306 Wnt Signaling in Inner Blood-Retinal Barrier Maintenance. **2021**, 22, 1
- 305 The Therapeutic Effects of Oral Intake of Hydrogen Rich Water on Cutaneous Wound Healing in Dogs. **2021**, 8,
- 304 Nucleolin is expressed in human fetal brain development and reactivated in human glial brain tumors regulating angiogenesis and vascular metabolism. 0
- 303 Hierarchical imaging and computational analysis of three-dimensional vascular network architecture in the entire postnatal and adult mouse brain.



284	LIF, a mitogen for choroidal endothelial cells, protects the choriocapillaris: implications for prevention of geographic atrophy. <b>2021</b> , e14511	1
283	Estrogens Regulate Placental Angiogenesis in Horses. <b>2021</b> , 22,	1
282	Engineered Customizable Microvessels for Progressive Vascularization in Large Regenerative Implants. <b>2021</b> , e2101836	0
281	RNA-binding proteins and translation control in angiogenesis. <b>2021</b> ,	0
280	Genetic Deletion of Vascular Endothelial Growth Factor Receptor 2 in Endothelial Cells Leads to Immediate Disruption of Tumor Vessels and Aggravation of Hypoxia. <b>2021</b> ,	0
279	Adult spiny mice ( <i>Acomys</i> ) exhibit endogenous cardiac recovery in response to myocardial infarction. <b>2021</b> , 6, 74	2
278	Low-flow intussusception and metastable VEGFR2 signaling launch angiogenesis in ischemic muscle. <b>2021</b> , 7, eabg9509	0
277	17 $\beta$ -Estradiol promotes angiogenesis of stria vascular in cochlea of C57BL/6J mice. <b>2021</b> , 913, 174642	
276	Impact of immune cells on the hallmarks of cancer: A literature review. <b>2021</b> , 168, 103541	3
275	Activation of Wnt/ $\beta$ -Catenin Signaling by Zeb1 in Endothelial Progenitors Induces Vascular Quiescence Entry.	
274	High content Image Analysis to study phenotypic heterogeneity in endothelial cell monolayers.. <b>2022</b> ,	1
273	Targeting circular RNA-Met for anti-angiogenesis treatment via inhibiting endothelial tip cell specialization.. <b>2022</b> ,	0
272	Mechanisms and regulatory factors of endometrial neovascularization. <b>2022</b> , 26-33	
271	Multi-organ-on-chip approach in cancer research. <b>2022</b> , 4, 100014	4
270	Wound Healing from an Actin Cytoskeletal Perspective.. <b>2022</b> ,	1
269	The Good, the Bad, and the Ugly: Neutrophils, Angiogenesis, and Cancer.. <b>2022</b> , 14,	2
268	Predictive role of optical coherence tomography angiography for exudation recurrence in patients with type 1 neovascular age-related macular degeneration treated with pro-re-nata protocol.. <b>2022</b>	0
267	The Embryonic Mouse Hindbrain Model to Study Sprouting Angiogenesis In Vivo.. <b>2022</b> , 2441, 3-18	

266	MEG8 regulates Tissue Factor Pathway Inhibitor 2 (TFPI2) expression in the endothelium.. <b>2022</b> , 12, 843	0
265	Identification of periodic attractors in Boolean networks using a priori information.. <b>2022</b> , 18, e1009702	1
264	Imaging and tracing the pattern of adult ovarian angiogenesis implies a strategy against female reproductive aging.. <b>2022</b> , 8, eabi8683	2
263	Mechanoregulation of Vascular Endothelial Growth Factor Receptor 2 in Angiogenesis.. <b>2021</b> , 8, 804934	2
262	Genetic Modifications That Expand Oncolytic Virus Potency.. <b>2022</b> , 9, 831091	1
261	Single-Cell Transcriptome Analysis Reveals Embryonic Endothelial Heterogeneity at Spatiotemporal Level and Multifunctions of MicroRNA-126 in Mice.. <b>2022</b> , ATVBAHA121317093	3
260	Resistance to antiangiogenic treatments: A review. <b>2022</b> , 147-197	
259	Bone Mesenchymal Stem Cell-Derived sEV-Encapsulated Thermosensitive Hydrogels Accelerate Osteogenesis and Angiogenesis by Release of Exosomal miR-21.. <b>2021</b> , 9, 829136	3
258	Bioprinted microvasculature: progressing from structure to function.. <b>2022</b> ,	2
257	Wasp controls oriented migration of endothelial cells to achieve functional vascular patterning.. <b>2021</b> ,	1
256	Tissue-Resident Macrophages in the Stria Vascularis.. <b>2022</b> , 13, 818395	0
255	Tumor-specific inter-endothelial adhesion mediated by FLRT2 facilitates cancer aggressiveness.. <b>2022</b> ,	1
254	Purification and characterization of human adipose-resident microvascular endothelial progenitor cells.. <b>2022</b> , 12, 1775	1
253	Targeted therapy of tumor microenvironment by gold nanoparticles as a new therapeutic approach.. <b>2022</b> , 1-35	1
252	Rethinking growth factors: the case of BMP9 during vessel maturation.. <b>2022</b> , 4, R1-R14	0
251	A novel long-term intravenous combined with local treatment with human amnion-derived mesenchymal stem cells for a multidisciplinary rescued uremic calciphylaxis patient and the underlying mechanism.. <b>2022</b> ,	1
250	The Evolution of Biomineralization through the Co-Option of Organic Scaffold Forming Networks.. <b>2022</b> , 11,	1
249	LMBR1L regulates proliferation and migration of endothelial cells through Norrin/ $\beta$ -catenin signaling.. <b>2022</b> ,	0

248	Unilateral peripheral vascular retinal disease associated with a developmental arcade vessel anomaly in adult-onset Coats' disease.. <b>2022</b> , 25, 101408	
247	Angiogenic biomolecules specific nanobodies application in cancer imaging and therapy; review and updates.. <b>2022</b> , 105, 108585	0
246	TLR9 agonist suppresses choroidal neovascularization by restricting endothelial cell motility via ERK/c-Jun pathway.. <b>2022</b> , 141, 104338	0
245	LncRNA FTX Regulates Angiogenesis Through miR-342-3p/SPI1 Axis in Stroke.. <b>2021</b> , 17, 3617-3625	0
244	Comparison of Clinical and Imaging Outcomes of Different Doses of Adipose-Derived Stromal Vascular Fraction Cell Treatment for Knee Osteoarthritis.. <b>2021</b> , 30, 9636897211067454	0
243	?????????????????????????????. <b>2022</b> ,	
242	Biphasic effect of sulforaphane on angiogenesis in hypoxia modulation of both Nrf2 and mitochondrial dynamics.. <b>2022</b> ,	1
241	Ketone body oxidation increases cardiac endothelial cell proliferation.. <b>2022</b> , e14753	5
240	DECIPHERING ENDOTHELIAL HETEROGENEITY IN HEALTH AND DISEASE AT SINGLE CELL RESOLUTION: PROGRESS AND PERSPECTIVES.. <b>2022</b> ,	1
239	Netrin-1 in Post-stroke Neuroprotection: beyond Axon Guidance Cue.. <b>2022</b> ,	1
238	Potential anticancer properties and mechanisms of thymoquinone in osteosarcoma and bone metastasis.. <b>2022</b> , 27, 21	1
237	Role of the Endothelium in Neonatal Diseases. <b>2022</b> , 1, 44-57	
236	Retinoid signaling regulates angiogenesis and blood-retinal barrier integrity in neonatal mouse retina.. <b>2022</b> , e12752	0
235	Electron Transfer Flavoprotein (ETF) Controls Blood Vessel Development by Regulating Endothelial Mitochondrial Bioenergetics and Oxygen Consumption.. <b>2022</b> , 2022, 7969916	
234	Inverting angiogenesis with interstitial flow and chemokine matrix-binding affinity.. <b>2022</b> , 12, 4237	
233	Intercellular transfer of miR-200c-3p impairs the angiogenic capacity of cardiac endothelial cells.. <b>2022</b> ,	1
232	Modern Views on the Development of the Aorta and the Formation of the Topography of its Individual Branches in the Early Period of Human Ontogenesis. <b>2022</b> , 7, 56-61	
231	Galectin-1 and -3 in high amounts inhibit angiogenic properties of human retinal microvascular endothelial cells in vitro.. <b>2022</b> , 17, e0265805	0



230	Angiocrine polyamine production regulates adiposity.. <b>2022,</b>	0
229	Naturally occurring combinations of receptors from single cell transcriptomics in endothelial cells.. <b>2022, 12, 5807</b>	0
228	Identification of CD157-Positive Vascular Endothelial Stem Cells in Mouse Retinal and Choroidal Vessels: Fluorescence-Activated Cell Sorting Analysis.. <b>2022, 63, 5</b>	2
227	Endothelial GATA5 positively regulates angiogenesis via cathepsin S-mediated Angpt2/Flk1 and MMP2/9 signaling pathways.. <b>2022, 609, 111-118</b>	0
226	A Thromboxane A Receptor-Driven COX-2-Dependent Feedback Loop That Affects Endothelial Homeostasis and Angiogenesis.. <b>2022, ATVBAHA121317380</b>	2
225	-2-Enoyl-CoA Reductase Tscr-Driven Lipid Metabolism in Endothelial Cells Protects against Transcytosis to Maintain Blood-Brain Barrier Homeostasis.. <b>2022, 2022, 9839368</b>	1
224	Hydrostatic pressure stimulates the osteogenesis and angiogenesis of MSCs/HUVECs co-culture on porous PLGA scaffolds.. <b>2022, 213, 112419</b>	0
223	Design, synthesis, antitumor, and VEGFR-2 inhibition activities of novel 4-anilino-2-vinyl-quinazolines: Molecular modeling studies.. <b>2022, 122, 105710</b>	2
222	Zebrafish mutants in vegfab can affect endothelial cell proliferation without altering ERK phosphorylation and are phenocopied by loss of PI3K signaling.. <b>2022,</b>	1
221	hUC-MSCs lyophilized powder loaded polysaccharide ulvan driven functional hydrogel for chronic diabetic wound healing.. <b>2022, 288, 119404</b>	4
220	Extracellular Vesicles Mediate Communication between Endothelial and Vascular Smooth Muscle Cells.. <b>2021, 23,</b>	6
219	Increased Vascular Endothelial Growth Factor Serum Level and the Role of +936C/T Gene Polymorphism in Chronic Obstructive Pulmonary Disease.. <b>2021, 57,</b>	
218	Vessel Density and Retinal Thickness from Optical Coherence Tomography Angiography as New Indexes in Adolescent Myopia.. <b>2021, 2021, 6069833</b>	1
217	The Placental Circulations. <b>2022, 171-204</b>	
216	Application of vascular endothelial cells in stem cell medicine.. <b>2021, 9, 10765-10780</b>	
215	Annexin A2 promotes development of retinal neovascularization through PI3K/ AKT signaling pathway.. <b>2021, 1-11</b>	
214	Multiphasic modelling and computation of metastatic lung-cancer cell proliferation and atrophy in brain tissue based on experimental data.. <b>2021, 21, 277</b>	1
213	Systems biology of angiogenesis signaling: Computational models and omics.. <b>2021, e1550</b>	1

212	Migrasomes. <b>2022</b> , 193-202	
211	Endothelial Cell Metabolism in Vascular Functions.. <b>2022</b> , 14,	1
210	The Role of Pericytes in Ischemic Stroke: Fom Cellular Functions to Therapeutic Targets.. <b>2022</b> , 15, 866700	0
209	Migrasomes: From Biogenesis, Release, Uptake, Rupture to Homeostasis and Diseases.. <b>2022</b> , 2022, 4525778	0
208	Endothelial plasticity drives aberrant vascularization and impedes cardiac repair after myocardial infarction.. <b>2022</b> , 1, 372-388	2
207	FGA Controls VEGFA Secretion to Promote Angiogenesis by Activating the VEGFR2-FAK Signalling Pathway.. <b>2022</b> , 13, 791860	0
206	Preliminary Research of Main Components of Dll4/ Notch-VEGF Signaling Pathway Under High-Glucose Stimulation in vitro.. <b>2022</b> , 15, 1165-1171	
205	Distinct regulatory states control the elongation of individual skeletal rods in the sea urchin embryo.. <b>2022</b> ,	1
204	The Endothelium as a Hub for Cellular Communication in Atherogenesis: Is There Directionality to the Message?. <b>2022</b> , 9, 888390	0
203	KIT is dispensable for physiological organ vascularisation in the embryo.. <b>2022</b> , 1	0
202	Vinculin controls endothelial cell junction dynamics during vascular lumen formation.. <b>2022</b> , 39, 110658	2
201	LncRNAs-modulators of neurovascular units in diabetic retinopathy.. <b>2022</b> , 174937	0
200	Data_Sheet_1.pdf. <b>2020</b> ,	
199	Table_1.XLSX. <b>2020</b> ,	
198	Video_1.AVI. <b>2020</b> ,	
197	Video_2.AVI. <b>2020</b> ,	
196	Image_1.pdf. <b>2018</b> ,	
195	Data_Sheet_1.docx. <b>2019</b> ,	

194 Table\_1.DOCX. 2020,

193 Image\_1.tif. 2020,

192 Image\_2.tif. 2020,

191 Data\_Sheet\_1.docx. 2020,

190 Data\_Sheet\_1.PDF. 2018,

189 Table\_1.DOC. 2018,

188 VEGF sticky-trap: the first report of a non-systemically acting angiogenesis inhibitor. 2014, 6, 577-579 ○

187 Modulation of VEGFA Signaling During Heart Regeneration in Zebrafish.. 2022, 2475, 297-312

186 SLC1A1-mediated cellular and mitochondrial influx of R-2-hydroxyglutarate in vascular endothelial cells promotes tumor angiogenesis in IDH1-mutant solid tumors.. 2022, ○

185 Coupling of angiogenesis and odontogenesis orchestrates tooth mineralization in mice.. 2022, 219, ○

184 Tissue-Resident Plasmacytoid Dendritic Cells Are Pivotal for the Angiogenic Privilege and Vascular Permeability.

183 An Automated Quantification Tool for Angiogenic Sprouting From Endothelial Spheroids.. 2022, 13, 883083

182 Tetrahedral framework nucleic acid carrying angiogenic peptide prevents bisphosphonate-related osteonecrosis of the jaw by promoting angiogenesis.. 2022, 14, 23 3

181  $\beta$ -Actin: An Emerging Biomarker in Ischemic Stroke.. 2022, 1

180 Exosome-Derived Non-Coding RNAs in the Tumor Microenvironment of Colorectal Cancer: Possible Functions, Mechanisms and Clinical Applications. 2022, 12, ○

179 Scutellaria barbata D.Don (SBD) extracts suppressed tumor growth, metastasis and angiogenesis in Prostate cancer via PI3K/Akt pathway.. 2022, 22, 120 ○

178 The transcription factor complex LMO2/TAL1 regulates branching and endothelial cell migration in sprouting angiogenesis.. 2022, 12, 7226 1

177 Structural basis of human LRG1 recognition by Magacizumab, a humanized monoclonal antibody with therapeutic potential. 2022, 78, ○

176	Engineered patterns of Notch ligands Jag1 and Dll4 elicit differential spatial control of endothelial sprouting. <b>2022</b> , 25, 104306	0
175	Sprouting Angiogenesis in Human Pituitary Adenomas. <b>2022</b> , 12,	0
174	Apoptotic vesicles activate autophagy in recipient cells to induce angiogenesis and dental pulp regeneration.. <b>2022</b> ,	0
173	Annexin A2: The Diversity of Pathological Effects in Tumorigenesis and Immune Response.. <b>2022</b> ,	0
172	Thromboxane A receptor activation via G-RhoA/C-ROCK-LIMK2-dependent signal transduction inhibits angiogenic sprouting of human endothelial cells.. <b>2022</b> , 115069	0
171	Transforming Cold Tumors into Hot Ones via tumor-microenvironment-responsive siRNA micelleplexes for enhanced immunotherapy. <b>2022</b> ,	10
170	Paclitaxel and Urolithin A Prevent Histamine-Induced Neurovascular Breakdown Alike, in an Rat Eye Model.. <b>2022</b> ,	1
169	Antagonism of histamine H receptor promotes angiogenesis following focal cerebral ischemia.. <b>2022</b> ,	0
168	Low-dose X-ray irradiation combined with FAK inhibitors improves the immune microenvironment and confers sensitivity to radiotherapy in pancreatic cancer. <b>2022</b> , 151, 113114	0
167	Notch Signaling in Vascular Endothelial and Mural Cell Communications.. <b>2022</b> ,	
166	VEGF in regulation of non-canonical Notch signaling pathway in endothelial cells. <b>2022</b> , 17, 33	0
165	Cellular and molecular mechanisms of plasticity in cancer. <b>2022</b> ,	1
164	In Vivo Performance of a Cell and Factor Free Multifunctional Fiber Mesh Modulating Postinfarct Myocardial Remodeling. 2110179	1
163	Talking to your neighbors across scales: Long-distance Notch signaling during patterning. <b>2022</b> ,	
162	Cancer-Induced Metabolic Rewiring of Tumor Endothelial Cells. <b>2022</b> , 14, 2735	1
161	The requirement of phosphoenolpyruvate carboxykinase 1 for angiogenesis in vitro and in vivo. <b>2022</b> , 8,	1
160	The Role of MiR-181 Family Members in Endothelial Cell Dysfunction and Tumor Angiogenesis. <b>2022</b> , 11, 1670	2
159	Histone Demethylase JMJD2D: A Novel Player in Colorectal and Hepatocellular Cancers. <b>2022</b> , 14, 2841	

- 158 Temporally and regionally distinct morphogenetic processes govern zebrafish tail fin blood vessel network expansion.
- 157 Caspase-4/11 is critical for angiogenesis by repressing Notch1 signaling via inhibiting  $\beta$ secretase activity. 0
- 156 Retinoic acid inhibits the angiogenesis of human embryonic stem cell-derived endothelial cells by activating FBP1-mediated gluconeogenesis. **2022**, 13,
- 155 The Use of near Infra-Red Radiation Imaging after Injection of Indocyanine Green (NIRICG) during Laparoscopic Treatment of Benign Gynecologic Conditions: Towards Minimalized Surgery. A Systematic Review of Literature. **2022**, 58, 792
- 154 Matrix Metalloproteinases: From Molecular Mechanisms to Physiology, Pathophysiology, and Pharmacology. **2022**, 74, 712-768 5
- 153 Physiologically relevant curcuminoids inhibit angiogenesis via VEGFR2 in human aortic endothelial cells. **2022**, 113254
- 152 Hypoxia-induced ELF3 promotes tumor angiogenesis through IGF1/IGF1R. 0
- 151 Flow goes forward and cells step backward: endothelial migration. 0
- 150 A targeted nanomodulator capable of manipulating tumor microenvironment against metastasis. **2022**, 348, 590-600 5
- 149 Endothelial tip, stalk, and phalanx cells. **2022**, 33-37
- 148 Endothelial cell heterogeneity and plasticity in health and disease—New insights from single-cell studies. **2022**, 17-28
- 147 Systems biology modeling of endothelial cell and macrophage signaling in angiogenesis in human diseases. **2022**, 163-172
- 146 Nanosized carriers for delivery of angiogenic materials. **2022**, 359-382
- 145 Angiogenesis induction by bioactive glasses and glass-ceramics. **2022**, 203-226
- 144 Tissue-Based Biomarkers of Tumor-Vascular Interactions. **2022**, 17-30
- 143 Advancing Tumor Microenvironment Research by Combining Organs-on-Chips and Biosensors. **2022**, 171-203 0
- 142 In Vitro Models to Study Angiogenesis and Vasculature. **2022**, 15-28 0
- 141 Paracrine effect of the stromal vascular fraction containing M2 macrophages on human chondrocytes through the Smad2/3 signaling pathway. 0

- 140 A Novel Angiogenesis-Related Gene Signature to Predict Biochemical Recurrence of Patients with Prostate Cancer following Radical Therapy. **2022**, 2022, 1-13
- 139 Endothelial Cells and the Cerebral Circulation. 3449-3508
- 138 Suppression of myeloid Pfkfb3-driven glycolysis protects mice from choroidal neovascularization. 0
- 137 Potential ovarian toxicity and infertility risk following targeted anti-cancer therapies. **2022**, 1
- 136 Heterocyclic Anti-cancer Compounds Derived from Natural Sources with their Mechanism of Action. **2022**, 1-56
- 135 An Analysis of the Influence of Transfer Learning When Measuring the Tortuosity of Blood Vessels. **2022**, 107021
- 134 Construction and Properties of Simvastatin and Calcium Phosphate Dual-Loaded Coaxial Fibrous Membranes with Osteogenic and Angiogenic Functions.
- 133 Development of an In Vitro Biomimetic Peripheral Neurovascular Platform.
- 132 Long-term cultured microvascular networks on chip for tumor vascularization research and drug testing. **2022**, 16, 044101
- 131 Safety, recommended dose, efficacy and immune correlates for nintedanib in combination with pembrolizumab in patients with advanced cancers. **2022**, 41, 1
- 130 Inhibition of EZH2 suppresses peritoneal angiogenesis by targeting a VEGFR2/ERK1/2/HIF-1 $\beta$  dependent signaling pathway. 0
- 129 Normalization of tumor vasculature: A potential strategy to increase the efficiency of immune checkpoint blockades in cancers. **2022**, 110, 108968 1
- 128 Angiogenic ability of human endothelial cells was decreased following senescence induction with hydrogen peroxide: possible role of vegfr-2/akt-1 signaling pathway. **2022**, 23, 0
- 127 Anti-angiogenic nano-delivery system promotes tumor vascular normalizing and micro-environment reprogramming in solid tumor. **2022**, 349, 550-564 0
- 126 The regulation of yes-associated protein/transcriptional coactivator with PDZ-binding motif and their roles in vascular endothelium. 9, 0
- 125 Theories and Molecular Basis of Vascular Aging: A Review of the Literature from VascAgeNet Group on Pathophysiological Mechanisms of Vascular Aging. **2022**, 23, 8672 1
- 124 Combined anti-angiogenic and cytotoxic treatment of a solid tumour: In silico investigation of a xenograft animal model's digital twin. **2022**, 111246 0
- 123 Ocular microbiota promotes pathological angiogenesis and inflammation in sterile injury-driven corneal neovascularization.

- 122 A spatialised agent-based model of NOTCH signalling pathway in Endothelial Cells predicts emergent heterogeneity due to continual dynamic phenotypic adjustments.
- 121 Recent advances in the therapeutic efficacy of hepatocyte growth factor gene-modified mesenchymal stem cells in multiple disease settings.
- 120 Continuously perfusable, customisable and matrix-free vasculature on a chip platform.
- 119 Exploring the origin of the cancer stem cell niche and its role in anti-angiogenic treatment for glioblastoma. 12, 0
- 118 The hypoxia-dependent angiogenic process in dental pulp. **2022**, 0
- 117 Initial research on the effect and mechanism of Tivozanib on pulsed dye laser induced angiogenesis. 0
- 116 A histological study of vascular wall resident stem cells in venous malformations.
- 115 Replacement in angiogenesis research: Studying mechanisms of blood vessel development by animal-free in vitro, in vivo and in silico approaches. 13, 1
- 114 Talin regulates steady-state tensional homeostasis to drive vascular morphodynamics and cancer. 0
- 113 Bcl-2 modified adipose-derived stem cells improve the retention of fat graft. **2022**, 11, 501-509
- 112 Long noncoding RNAs (lncRNAs) in HIV-mediated carcinogenesis: Role in cell homeostasis, cell survival processes and drug resistance. **2022**, 7, 184-196
- 111 Stearoyl-CoA Desaturase Regulates Angiogenesis and Energy Metabolism in Ischemic Cardiomyocytes. **2022**, 23, 10459 1
- 110 Emerging roles of Glucagon like peptide-1 in the management of autoimmune diseases and diabetes-associated comorbidities. **2022**, 239, 108270 0
- 109 Complex in vitro 3D models of digestive system tumors to advance precision medicine and drug testing: Progress, challenges, and trends. **2022**, 239, 108276 0
- 108 Microfluidics in vascular biology research: a critical review for engineers, biologists, and clinicians. **2022**, 22, 3618-3636 1
- 107 Impact of Smoking Status on the Efficacy of Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitors Plus Anti-Vascular Endothelial Growth Factor Antibodies in Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis. 0
- 106 Glucagon Like Peptide-1: More than Glucose Control and Weight Reduction. 0
- 105 Egg yolk oil accelerates wound healing in streptozotocin induced diabetic rats. 1-18 0

104	Aberrant expression of miR-133a in endothelial cells inhibits angiogenesis by reducing pro-angiogenic but increasing anti-angiogenic gene expression. <b>2022</b> , 12,	1
103	Comprehensive Review of the Vascular Niche in Regulating Organ Regeneration and Fibrosis.	1
102	Expression and clinical significance of CD31, CD34, and CD105 in pulmonary ground glass nodules with different vascular manifestations on CT. 12,	0
101	Implanted synthetic cells trigger tissue angiogenesis through de novo production of recombinant growth factors. <b>2022</b> , 119,	1
100	Metabolic Reprogramming in Tumor Endothelial Cells. <b>2022</b> , 23, 11052	3
99	Knockdown of Kr̄pel-Like Factor 9 Inhibits Aberrant Retinal Angiogenesis and Mitigates Proliferative Diabetic Retinopathy.	0
98	Aberrant energy metabolism in Alzheimer̄ disease. <b>2022</b> , 10, 197-206	0
97	Hypoxia-Inducible Factors Signaling in Osteogenesis and Skeletal Repair. <b>2022</b> , 23, 11201	1
96	MidkinēA novel player in cardiovascular diseases. 9,	0
95	Usnic Acid Isolated from Usnea antarctica (Du Rietz) Reduced In Vitro Angiogenesis in VEGF- and bFGF-Stimulated HUVECs and Ex Ovo in Quail Chorioallantoic Membrane (CAM) Assay. <b>2022</b> , 12, 1444	1
94	Angiogenesis in Disease. <b>2022</b> , 23, 10962	1
93	cRGD Nanoparticles Loaded with Microbubbles for enhancing anti-Proliferation and anti-Angiogenesis.	0
92	Potential epigenetic molecular regulatory networks in ocular neovascularization. 13,	0
91	Synthesis, antitumor, and apoptosis-inducing activities of novel 5-arylidenethiazolidin-2,4-dione derivatives: Histone deacetylases inhibitory activity and molecular docking study. <b>2022</b> , 114827	2
90	Preparation, In Vitro Affinity, and In Vivo Biodistribution of Receptor-Specific 68Ga-Labeled Peptides Targeting Vascular Endothelial Growth Factor Receptors.	0
89	Role of glucose metabolism in ocular angiogenesis (Review). <b>2022</b> , 26,	0
88	In Vitro Generation of Luminal Vasculature in Liver Organoids: From Basic Vascular Biology to Vascularized Hepatic Organoids. <b>2022</b> ,	0
87	Ablation of endothelial Atg7 inhibits ischemia-induced angiogenesis by upregulating Stat1 that suppresses Hif1a expression.	0



86	Current landscape and future directions of bispecific antibodies in cancer immunotherapy. 13,	0
85	Mirna-383-5p functions as an anti-oncogene in glioma through the Akt/mTOR signal pathway by targeting VEGFA.	0
84	Light-regulated pro-angiogenic engineered living materials.	0
83	Endothelial cell diversity: the many facets of the crystal.	0
82	Nitration of CREB participates in MI-induced myocardial fibrosis via accelerating transcription of col1a2 and cxcl12.	0
81	Role of non-coding RNA in immune microenvironment and anticancer therapy of gastric cancer.	0
80	Targeting hypoxia-inducible factor-1alpha: A new strategy for triple-negative breast cancer therapy. <b>2022</b> , 156, 113861	0
79	Carthami flos extract against carbon tetrachloride-induced liver fibrosis via alleviating angiogenesis in mice. <b>2023</b> , 108, 154517	0
78	X-box binding protein 1 as a key modulator in Bealing endothelial cells—a novel EC phenotype promoting angiogenesis after MCAO. <b>2022</b> , 27,	0
77	Single-cell RNA sequencing implicates venous endothelial cells as a source of VEGF-mediated neo-angiogenesis in neuroinflammation.	0
76	Molecular subtyping of esophageal squamous cell carcinoma by large-scale transcriptional profiling: Characterization, therapeutic targets, and prognostic value. 13,	0
75	Metabolic changes of endothelial cells in post-burn patients using UHPLC-MS/MS.	0
74	Effects of Hypoxia on Cerebral Microvascular Angiogenesis: Benefits or Damages?. <b>2022</b> , 0	0
73	Transient Receptor Potential (TRP) Channels in Tumor Vascularization. <b>2022</b> , 23, 14253	0
72	On the role of mechanical signals on sprouting angiogenesis through computer modeling approaches.	0
71	Angiogenesis. <b>2016</b> , 298-315	0
70	Focus on mast cells in the tumor microenvironment: Current knowledge and future directions. <b>2023</b> , 1878, 188845	2
69	Recent Advances of Organ-on-a-Chip in Cancer Modeling Research. <b>2022</b> , 12, 1045	1

- 68 The role of microfibrillar-associated protein 2 in cancer. 12, 0
- 67 Activation of Wnt/ $\beta$ -catenin signaling by Zeb1 in endothelial progenitors induces vascular quiescence entry. **2022**, 41, 111694 0
- 66 The Potential Role of Fisetin, a Flavonoid in Cancer Prevention and Treatment. **2022**, 27, 9009 0
- 65 Retinal pigment epithelium extracellular vesicles are potent inducers of age-related macular degeneration disease phenotype in the outer retina. **2022**, 11, 12295 0
- 64 Succinate at the Crossroad of Metabolism and Angiogenesis: Roles of SDH, HIF1 $\beta$  and SUCNR1. **2022**, 10, 3089 0
- 63 Mechanical regulation of the early stages of angiogenesis. **2022**, 19, 0
- 62 Mitochondrial dysfunction induces ALK5-SMAD2-mediated hypovascularization and arteriovenous malformations in mouse retinas. **2022**, 13, 0
- 61 Endothelial Cell $\beta$ Matrix Interactions in Angiogenesis and Vessel Homeostasis: A Focus on Laminins and Their Integrin Receptors. **2023**, 63-85 0
- 60 Monitoring of cell-cell communication and contact history in mammals. **2022**, 378, 0
- 59 Comparative G-Protein-Coupled Estrogen Receptor (GPER) Systems in Diabetic and Cancer Conditions: A Review. **2022**, 27, 8943 0
- 58 Cell $\beta$ Extracellular Matrix Adhesions in Vascular Endothelium. **2023**, 175-204 0
- 57 Real-Time Monitoring of Wound States via Rationally Engineered Biosensors. 2200018 0
- 56 Spatial-temporal order-disorder transition in angiogenic NOTCH signaling controls cell fate specification. 0
- 55 Blood $\beta$ Brain Barrier Disruption and Its Involvement in Neurodevelopmental and Neurodegenerative Disorders. **2022**, 23, 15271 1
- 54 Fatty Acid Metabolism in Endothelial Cell. **2022**, 13, 2301 0
- 53 The vascular gene Apold1 is dispensable for normal development but controls angiogenesis under pathological conditions. 0
- 52 Fibronectin Fibrillogenesis During Angiogenesis. **2023**, 1-27 0
- 51 Long non-coding RNA LEENE promotes angiogenesis and ischemic recovery in diabetes models. 1

- 50 Microenvironment of Cancer Stem Cells. **2022**, 103-124 ○
- 49 Identification of kinases activated by multiple pro-angiogenic growth factors. 13, ○
- 48 The role of pyroptosis in endothelial dysfunction induced by diseases. 13, ○
- 47 Continuously perfusable, customisable and matrix-free vasculature on a chip platform. ○
- 46 Hyaluronan-based hydrogel integrating exosomes for traumatic brain injury repair by promoting angiogenesis and neurogenesis. **2023**, 120578 ○
- 45 Hallmarks of peripheral nerve function in bone regeneration. **2023**, 11, ○
- 44 Identification and validation of a novel angiogenesis-related gene signature for predicting prognosis in gastric adenocarcinoma. 12, ○
- 43 Angiogenesis Invasion Assay to Study Endothelial Cell Invasion and Sprouting Behavior. **2023**, 345-364 ○
- 42 The role of PIWI-interacting RNA in naringin pro-angiogenesis by targeting HUVECs. **2023**, 371, 110344 ○
- 41 Stem Cell Therapy for Acute/Subacute Ischemic Stroke with a Focus on Intraarterial Stem Cell Transplantation: From Basic Research to Clinical Trials. **2023**, 10, 33 ○
- 40 A defined clathrin-mediated trafficking pathway regulates sFLT1/VEGFR1 secretion from endothelial cells. ○
- 39 Synthesis and Anti-Angiogenic Activity of Novel c(RGDyK) Peptide-Based JH-VII-139-1 Conjugates. **2023**, 15, 381 ○
- 38 The role of pyroptosis in endothelial dysfunction induced by diseases. 13, ○
- 37 Selective COX-2 Inhibitor Etoricoxib Liposomal Formulation Attenuates M2 Polarization of TAMs and Enhances its Anti-metastatic Potential. ○
- 36 Antiangiogenic activity of the penicillin derivative TAP7f in melanoma. ○
- 35 The tumor microenvironment and triple-negative breast cancer aggressiveness: shedding light on mechanisms and targeting. **2022**, 26, 1041-1056 ○
- 34 Peritoneal Structure and Changes as a Dialysis Membrane After Peritoneal Dialysis. **2023**, 63-117 ○
- 33 Angiotensin-converting enzyme inhibitor promotes angiogenesis through Sp1/Sp3-mediated inhibition of notch signaling in male mice. **2023**, 14, ○

- 32 Cellular heterogeneity and stem cells of vascular endothelial cells in blood vessel formation and homeostasis: Insights from single-cell RNA sequencing. 11, ○
- 31 Neo-vascularization-based therapeutic perspectives in advanced ovarian cancer. **2023**, 1878, 188888 ○
- 30 Resveratrol alleviates doxorubicin-induced damage in mice ovary. **2023**, 376, 110431 ○
- 29 Endoderm-derived islet1-expressing cells differentiate into endothelial cells to function as the vascular HSPC niche in zebrafish. **2023**, 58, 224-238.e7 1
- 28 Newer insights on how to TEC down T-ALL. **2023**, 141, 444-445 ○
- 27 17β-ethinylestradiol modulates endothelial function in ovariectomized rat carotid arteries. **2023**, 944, 175525 ○
- 26 Glucose Metabolism Reprogramming in Bladder Cancer: Hexokinase 2 (HK2) as Prognostic Biomarker and Target for Bladder Cancer Therapy. **2023**, 15, 982 ○
- 25 The Molecular Heterogeneity of Store-Operated Ca<sup>2+</sup> Entry in Vascular Endothelial Cells: The Different roles of Orai1 and TRPC1/TRPC4 Channels in the Transition from Ca<sup>2+</sup>-Selective to Non-Selective Cation Currents. **2023**, 24, 3259 ○
- 24 Helicobacter pylori infection induces gastric precancerous lesions and persistent expression of Angpt2, Vegf-A and Tnf-A in a mouse model. 13, ○
- 23 Transcription factors regulating vasculogenesis and angiogenesis. ○
- 22 Modeling angiogenesis in the human brain in a tissue-engineered post-capillary venule. **2023**, 26, 203-216 ○
- 21 Identification of Four New Chemical Series of Small Drug-Like Natural Products as Potential Neupilin-1 Inhibitors by Structure-Based Virtual Screening: Pharmacophore-Based Molecular Docking and Dynamics Simulation. **2023**, 20, ○
- 20 Therapeutic effects on cancer of the active ingredients in rhizoma paridis. 14, ○
- 19 Nectins and Nectin-like molecules drive vascular development and barrier function. ○
- 18 Helicobacter pylori infection induces abnormal expression of pro-angiogenic gene ANGPT2 and miR-203a in AGS gastric cell line. ○
- 17 Endotheliopathy in the metabolic syndrome: Mechanisms and clinical implications. **2023**, 244, 108372 ○
- 16 Tissue Engineering and Targeted Drug Delivery in Cardiovascular Disease: The Role of Polymer Nanocarrier for Statin Therapy. **2023**, 11, 798 ○
- 15 NOTCH Signaling in Osteosarcoma. **2023**, 45, 2266-2283 ○

- 14 Nucleolin promotes angiogenesis and endothelial metabolism along the onco-fetal axis in the human brain vasculature. ○
- 13 The vascular gene Apold1 is dispensable for normal development but controls angiogenesis under pathological conditions. ○
- 12 Shaping the brain vasculature in development and disease in the single-cell era. **2023**, 24, 271-298 ○
- 11 Temporally and regionally distinct morphogenetic processes govern zebrafish caudal fin blood vessel network expansion. **2023**, 150, ○
- 10 Egzersize Ba<sup>II</sup>Modellenen Anjiyogenez Mekanizması<sup>II</sup>da Fizyolojik De<sup>II</sup>mler: Kalp Kası<sup>II</sup>ve Skelet Kası<sup>II</sup>İncelemesi. **2023**, 12, 334-340 ○
- 9 Sex differences in the intergenerational link between maternal and neonatal whole blood DNA methylation: a genome-wide analysis in 2 birth cohorts. **2023**, 15, ○
- 8 The promotion action of AURKA on post-ischemic angiogenesis in diabetes-related limb ischemia. **2023**, 29, ○
- 7 Drug-Delivery Nanoplatform with Synergistic Regulation of Angiogenesis<sup>II</sup>Osteogenesis Coupling for Promoting Vascularized Bone Regeneration. **2023**, 15, 17543-17561 ○
- 6 The Tet2<sup>II</sup>Upf1 complex modulates mRNA stability under stress conditions. 14, ○
- 5 1,6-Hexanediol regulates angiogenesis via suppression of cyclin A1-mediated endothelial function. **2023**, 21, ○
- 4 Role of Hypoxia and Reactive Oxygen Species in Cancer Biology. **2023**, 41-63 ○
- 3 Therapeutic effects of the stromal vascular fraction and adipose-derived stem cells on osteoarthritis in an experimental rabbit model. ○
- 2 A Human Cell-based Assay to Assess the Induction of Vasculature Formation for Non-genotoxic Carcinogenicity Testing Purposes: A Pilot Study. 026119292311711 ○
- 1 Blockade of Annexin A2 Prevents Early Microvasculopathy in Murine Models of Diabetic Retinopathy. **2023**, 64, 33 ○