

# CITATION REPORT

List of articles citing

## Consensus guidelines for the use and interpretation of angiogenesis assays

DOI: 10.1007/s10456-018-9613-x  
Angiogenesis, 2018, 21, 425-532.

**Source:** <https://exaly.com/paper-pdf/71050942/citation-report.pdf>

**Version:** 2024-04-23

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
364	Salvianolic Acid B Promotes the Survival of Random-Pattern Skin Flaps in Rats by Inducing Autophagy. <b>2018</b> , 9, 1178		20
363	Special Issue: The role of glycans in immunity and disease. <b>2018</b> , 333, 1		
362	Cytokines in umbilical cord blood-derived cellular product: a mechanistic insight into bone repair. <b>2018</b> , 13, 881-898		7
361	Angiogenic lncRNAs: A potential therapeutic target for ischaemic heart disease. <b>2018</b> , 211, 157-171		13
360	Enzymatically degradable alginate hydrogel systems to deliver endothelial progenitor cells for potential revascularization applications. <b>2018</b> , 179, 109-121		36
359	IGF2 and IGF1R identified as novel tip cell genes in primary microvascular endothelial cell monolayers. <i>Angiogenesis</i> , <b>2018</b> , 21, 823-836	10.6	17
358	Unraveling the Role of Angiogenesis in Cancer Ecosystems. <b>2018</b> , 8, 248		128
357	BDNF (Brain-Derived Neurotrophic Factor) Promotes Embryonic Stem Cells Differentiation to Endothelial Cells Via a Molecular Pathway, Including MicroRNA-214, EZH2 (Enhancer of Zeste Homolog 2), and eNOS (Endothelial Nitric Oxide Synthase). <b>2018</b> , 38, 2117-2125		21
356	Targeting PDGF-mediated recruitment of pericytes blocks vascular mimicry and tumor growth. <b>2018</b> , 246, 447-458		39
355	Endothelial RhoA GTPase is essential for in vitro endothelial functions but dispensable for physiological in vivo angiogenesis. <i>Scientific Reports</i> , <b>2019</b> , 9, 11666	4.9	25
354	Exosomes secreted from osteocalcin-overexpressing endothelial progenitor cells promote endothelial cell angiogenesis. <b>2019</b> , 317, C932-C941		13
353	Highly Glycolytic Immortalized Human Dermal Microvascular Endothelial Cells are Able to Grow in Glucose-Starved Conditions. <b>2019</b> , 9,		3
352	Single-Cell Receptor Quantification of an In Vitro Coculture Angiogenesis Model Reveals VEGFR, NRP1, Tie2, and PDGFR Regulation and Endothelial Heterogeneity. <b>2019</b> , 7, 356		4
351	Endothelial tip cells in vitro are less glycolytic and have a more flexible response to metabolic stress than non-tip cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 10414	4.9	25
350	B7-H3 modulates endothelial cell angiogenesis through the VEGF cytokine. <b>2019</b> , 67, 202-211		6
349	Hybrid ligands with calixarene and thiodigalactoside groups: galectin binding and cytotoxicity.. <b>2019</b> , 6, 2981-2990		3
348	Autophagy protects HUVECs against ER stress-mediated apoptosis under simulated microgravity. <b>2019</b> , 24, 812-825		13

347	Recent Considerations in the Application of RAPTA-C for Cancer Treatment and Perspectives for Its Combination with Immunotherapies. <b>2019</b> , 2, 1900042		32
346	PinX1 represses renal cancer angiogenesis via the mir-125a-3p/VEGF signaling pathway. <i>Angiogenesis</i> , <b>2019</b> , 22, 507-519	10.6	16
345	Implementation of the Chick Chorioallantoic Membrane (CAM) Model in Radiation Biology and Experimental Radiation Oncology Research. <i>Cancers</i> , <b>2019</b> , 11,	6.6	15
344	Metformin Effect on Endocan Biogenesis in Human Endothelial Cells Under Diabetic Condition. <b>2019</b> , 50, 304-314		10
343	poFUT1 promotes uterine angiogenesis and vascular remodeling via enhancing the O-fucosylation on uPA. <b>2019</b> , 10, 775		6
342	Newly Identified Peptide, Peptide Lv, Promotes Pathological Angiogenesis. <b>2019</b> , 8, e013673		2
341	Novel steroidal saponin isolated from <i>Trillium tschonoskii</i> maxim. exhibits anti-oxidative effect via autophagy induction in cellular and <i>Caenorhabditis elegans</i> models. <b>2019</b> , 65, 153088		7
340	Identification of a Synergistic Multi-Drug Combination Active in Cancer Cells via the Prevention of Spindle Pole Clustering. <i>Cancers</i> , <b>2019</b> , 11,	6.6	14
339	The role of glycolysis and mitochondrial respiration in the formation and functioning of endothelial tip cells during angiogenesis. <i>Scientific Reports</i> , <b>2019</b> , 9, 12608	4.9	52
338	Mitochondrial fission protein 1 up-regulation ameliorates senescence-related endothelial dysfunction of human endothelial progenitor cells. <i>Angiogenesis</i> , <b>2019</b> , 22, 569-582	10.6	22
337	Revascularization after angiogenesis inhibition favors new sprouting over abandoned vessel reuse. <i>Angiogenesis</i> , <b>2019</b> , 22, 553-567	10.6	11
336	Endothelial CDS2 deficiency causes VEGFA-mediated vascular regression and tumor inhibition. <b>2019</b> , 29, 895-910		16
335	SIRT2: Controversy and multiple roles in disease and physiology. <b>2019</b> , 55, 100961		59
334	Betulinic Acid Enhances the Viability of Random-Pattern Skin Flaps by Activating Autophagy. <b>2019</b> , 10, 1017		15
333	The Regulatory Roles of Non-coding RNAs in Angiogenesis and Neovascularization From an Epigenetic Perspective. <b>2019</b> , 9, 1091		21
332	Loss of HMBOX1 promotes LPS-induced apoptosis and inhibits LPS-induced autophagy of vascular endothelial cells in mouse. <b>2019</b> , 24, 946-957		6
331	S100A10 Is a Critical Mediator of GAS6/AXL-Induced Angiogenesis in Renal Cell Carcinoma. <b>2019</b> , 79, 5758-5768		21
330	Posttranscriptional Regulation of 14q32 MicroRNAs by the CIRBP and HADHB during Vascular Regeneration after Ischemia. <b>2019</b> , 14, 329-338		13

329	Biology is the root of variability: cautionary tales in biology. <b>2019</b> , 47, 887-896		3
328	Scalable microphysiological system to model three-dimensional blood vessels. <b>2019</b> , 3, 026105		31
327	Anti-angiogenic effects of crenolanib are mediated by mitotic modulation independently of PDGFR expression. <i>British Journal of Cancer</i> , <b>2019</b> , 121, 139-149	8.7	10
326	Building Blood Vessels-One Rho GTPase at a Time. <b>2019</b> , 8,		18
325	Tanshinol borneol ester, a novel synthetic small molecule angiogenesis stimulator inspired by botanical formulations for angina pectoris. <b>2019</b> , 176, 3143-3160		13
324	Circulating exosomes derived from transplanted progenitor cells aid the functional recovery of ischemic myocardium. <b>2019</b> , 11,		40
323	From clinic to mechanism: Proteomics-based assessment of angiogenesis in adrenal pheochromocytoma. <b>2019</b> , 234, 22057-22070		8
322	Evaluation of Angiogenesis Assays. <b>2019</b> , 7,		35
321	Targeting Adenosine in Cancer Immunotherapy to Enhance T-Cell Function. <b>2019</b> , 10, 925		159
320	Short-term 3D culture systems of various complexity for treatment optimization of colorectal carcinoma. <i>Scientific Reports</i> , <b>2019</b> , 9, 7103	4.9	55
319	Targeting Tumor Vascular CD99 Inhibits Tumor Growth. <b>2019</b> , 10, 651		9
318	Cancer-derived exosomal miR-221-3p promotes angiogenesis by targeting THBS2 in cervical squamous cell carcinoma. <i>Angiogenesis</i> , <b>2019</b> , 22, 397-410	10.6	93
317	Enhanced Photothermal Treatment Efficacy and Normal Tissue Protection via Vascular Targeted Gold Nanocages. <b>2019</b> , 3, 145-155		7
316	Patient-specific organotypic blood vessels as an in vitro model for anti-angiogenic drug response testing in renal cell carcinoma. <b>2019</b> , 42, 408-419		25
315	Pro-angiogenic activity of isoliquiritin on HUVECs in vitro and zebrafish in vivo through Raf/MEK signaling pathway. <b>2019</b> , 223, 128-136		8
314	von Hippel-Lindau mutants in renal cell carcinoma are regulated by increased expression of RSUME. <b>2019</b> , 10, 266		10
313	The Metabolic Map into the Pathomechanism and Treatment of PGM1-CDG. <b>2019</b> , 104, 835-846		38
312	Novel role of Snail 1 in promoting tumor neoangiogenesis. <b>2019</b> , 39,		4

311	IRF3 and IRF7 mediate neovascularization via inflammatory cytokines. <b>2019</b> , 23, 3888-3896		9
310	Application of microscale culture technologies for studying lymphatic vessel biology. <b>2019</b> , 26, e12547		10
309	Deciphering the relative roles of matrix metalloproteinase- and plasmin-mediated matrix degradation during capillary morphogenesis using engineered hydrogels. <b>2019</b> , 107, 2507-2516		5
308	Engineered Human Adipose-Derived Stem Cells Inducing Endothelial Lineage and Angiogenic Response. <b>2019</b> , 25, 148-159		4
307	Standardized and Scalable Assay to Study Perfused 3D Angiogenic Sprouting of iPSC-derived Endothelial Cells In Vitro. <b>2019</b> ,		10
306	CDK5RAP3 inhibits angiogenesis in gastric neuroendocrine carcinoma by modulating AKT/HIF-1 $\beta$ /VEGFA signaling. <b>2019</b> , 19, 282		6
305	Colorectal Cancer Growth Retardation through Induction of Apoptosis, Using an Optimized Synergistic Cocktail of Axitinib, Erlotinib, and Dasatinib. <i>Cancers</i> , <b>2019</b> , 11,	6.6	6
304	Natural Histogel-Based Bio-Scaffolds for Sustaining Angiogenesis in Beige Adipose Tissue. <b>2019</b> , 8,		5
303	A transcriptome-based signature of pathological angiogenesis predicts breast cancer patient survival. <b>2019</b> , 15, e1008482		7
302	Oncofoetal insulin receptor isoform A marks the tumour endothelium; an underestimated pathway during tumour angiogenesis and angiostatic treatment. <i>British Journal of Cancer</i> , <b>2019</b> , 120, 218-228	8.7	13
301	Inhibition of SIRT2 limits tumour angiogenesis via inactivation of the STAT3/VEGFA signalling pathway. <b>2018</b> , 10, 9		47
300	Angiogenic desmoplastic histopathological growth pattern as a prognostic marker of good outcome in patients with colorectal liver metastases. <i>Angiogenesis</i> , <b>2019</b> , 22, 355-368	10.6	54
299	Interleukin-22 promotes tumor angiogenesis. <i>Angiogenesis</i> , <b>2019</b> , 22, 311-323	10.6	27
298	Models and molecular mechanisms of blood vessel co-option by cancer cells. <i>Angiogenesis</i> , <b>2020</b> , 23, 17-25	10.6	15
297	Accumulation of tissue factor in endothelial cells promotes cellular apoptosis through over-activation of Src1 and involves $\beta$ -integrin signalling. <b>2020</b> , 25, 29-41		7
296	The protein tyrosine phosphatase PTPRJ/DEP-1 contributes to the regulation of the Notch-signaling pathway and sprouting angiogenesis. <i>Angiogenesis</i> , <b>2020</b> , 23, 145-157	10.6	16
295	Ex vivo model for studying endothelial tip cells: Revisiting the classical aortic-ring assay. <b>2020</b> , 128, 103939		7
294	Tumor angiogenesis: causes, consequences, challenges and opportunities. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 1745-1770	10.3	365

293	Orphan nuclear receptor TR3/Nur77 biologics inhibit tumor growth by targeting angiogenesis and tumor cells. <b>2020</b> , 128, 103934		4
292	Three-Dimensional Imaging Provides Detailed Atherosclerotic Plaque Morphology and Reveals Angiogenesis After Carotid Artery Ligation. <b>2020</b> , 126, 619-632		12
291	Aryl Hydrocarbon Receptor in Cutaneous Vascular Endothelial Cells Restricts Psoriasis Development by Negatively Regulating Neutrophil Recruitment. <b>2020</b> , 140, 1233-1243.e9		13
290	Targeting endothelial thioredoxin-interacting protein (TXNIP) protects from metabolic disorder-related impairment of vascular function and post-ischemic revascularisation. <i>Angiogenesis</i> , <b>2020</b> , 23, 249-264	10.6	15
289	Role of VEGFs in metabolic disorders. <i>Angiogenesis</i> , <b>2020</b> , 23, 119-130	10.6	21
288	The potassium channel Kcne3 is a VEGFA-inducible gene selectively expressed by vascular endothelial tip cells. <i>Angiogenesis</i> , <b>2020</b> , 23, 179-192	10.6	12
287	Low-dose docetaxel enhances the anti-tumour efficacy of a human umbilical vein endothelial cell vaccine. <b>2020</b> , 142, 105163		1
286	Effect of miR-27b-5p on apoptosis of human vascular endothelial cells induced by simulated microgravity. <b>2020</b> , 25, 73-91		5
285	Overexpression of microRNA-367 inhibits angiogenesis in ovarian cancer by downregulating the expression of LPA1. <b>2020</b> , 20, 476		2
284	Integrating Phenotypic Search and Phosphoproteomic Profiling of Active Kinases for Optimization of Drug Mixtures for RCC Treatment. <i>Cancers</i> , <b>2020</b> , 12,	6.6	4
283	Remodeling of the Microvasculature: May the Blood Flow Be With You. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 586852	4.6	8
282	Human in vitro vascularized micro-organ and micro-tumor models are reproducible organ-on-a-chip platforms for studies of anticancer drugs. <b>2020</b> , 445, 152601		10
281	bFGF blockade reduces intraplaque angiogenesis and macrophage infiltration in atherosclerotic vein graft lesions in ApoE3*Leiden mice. <i>Scientific Reports</i> , <b>2020</b> , 10, 15968	4.9	9
280	Angiogenesis Analyzer for ImageJ - A comparative morphometric analysis of "Endothelial Tube Formation Assay" and "Fibrin Bead Assay". <i>Scientific Reports</i> , <b>2020</b> , 10, 11568	4.9	68
279	Three-dimensional induced pluripotent stem-cell models of human brain angiogenesis. <b>2020</b> , 132, 104042		6
278	Vessel-on-a-chip models for studying microvascular physiology, transport, and function in vitro. <b>2021</b> , 320, C92-C105		7
277	Anti-Angiogenic Therapy in the Treatment of Non-Small Cell Lung Cancer. <b>2020</b> , 13, 12113-12129		10
276	3D Systems to Model Tumor Angiogenesis and Interactions With Stromal Cells. <b>2020</b> , 8, 594903		14

275	Efficacy and Safety of Anlotinib for Elderly Patients with Previously Treated Extensive-Stage SCLC and the Prognostic Significance of Common Adverse Reactions. <b>2020</b> , 12, 11133-11143		10
274	Three-dimensional in vitro models of angiogenesis. <b>2020</b> , 175-189		
273	Oleic Acid, Cholesterol, and Linoleic Acid as Angiogenesis Initiators. <b>2020</b> , 5, 20575-20585		7
272	Optimized Combination of HDACI and TKI Efficiently Inhibits Metabolic Activity in Renal Cell Carcinoma and Overcomes Sunitinib Resistance. <i>Cancers</i> , <b>2020</b> , 12,	6.6	6
271	Overview of the Assessment of Endothelial Function in Humans. <b>2020</b> , 7, 542567		15
270	Organotypic primary blood vessel models of clear cell renal cell carcinoma for single-patient clinical trials. <b>2020</b> , 20, 4420-4432		15
269	Low dose amiodarone reduces tumor growth and angiogenesis. <i>Scientific Reports</i> , <b>2020</b> , 10, 18034	4.9	1
268	Inactivation of endothelial cell phosphoinositide 3-kinase $\eta$ inhibits tumor angiogenesis and tumor growth. <b>2020</b> , 39, 6480-6492		5
267	Oncometabolites lactate and succinate drive pro-angiogenic macrophage response in tumors. <b>2020</b> , 1874, 188427		22
266	Hypoxic Tumor-Derived Exosomal Long Noncoding RNA UCA1 Promotes Angiogenesis via miR-96-5p/AMOTL2 in Pancreatic Cancer. <b>2020</b> , 22, 179-195		52
265	Aerobic exercise increases sprouting angiogenesis in the male rat motor cortex. <b>2020</b> , 225, 2301-2314		2
264	Tracking the in vivo spatio-temporal patterns of neovascularization via NIR-II fluorescence imaging. <b>2020</b> , 13, 3123-3129		5
263	Prodigiosin Modulates the Immune Response and Could Promote a Stable Atherosclerotic Lesion in C57bl/6 $-/-$ Mice. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
262	Backscattered Scanning Electron Microscopy Approach for Assessment of Microvessels under Conditions of Normal Microanatomy and Pathological Neovascularization. <b>2020</b> , 169, 525-530		3
261	Endothelial Basement Membrane Components and Their Products, Matrikines: Active Drivers of Pulmonary Hypertension?. <b>2020</b> , 9,		14
260	Synthesis and Characterization of Poly(RGD) Proteinoid Polymers and NIR Fluorescent Nanoparticles of Optimal d,l-Configuration for Drug-Delivery Applications- Study. <b>2020</b> , 5, 23568-23577		3
259	Systematic Interrogation of Angiogenesis in the Ischemic Mouse Hind Limb: Vulnerabilities and Quality Assurance. <b>2020</b> , 40, 2454-2467		3
258	Angiogenesis in Lymph Nodes Is a Critical Regulator of Immune Response and Lymphoma Growth. <b>2020</b> , 11, 591741		5

257	Inhibition of protein glycosylation is a novel pro-angiogenic strategy that acts via activation of stress pathways. <i>Nature Communications</i> , <b>2020</b> , 11, 6330	17.4	8
256	Halting the vicious cycle within the multiple myeloma ecosystem: blocking JAM-A on bone marrow endothelial cells restores angiogenic homeostasis and suppresses tumor progression. <b>2021</b> , 106, 1943-1956		28
255	Copper Sulfide Nanoparticles-Incorporated Hyaluronic Acid Injectable Hydrogel With Enhanced Angiogenesis to Promote Wound Healing. <b>2020</b> , 8, 417		16
254	Strategies to Improve Nanofibrous Scaffolds for Vascular Tissue Engineering. <b>2020</b> , 10,		13
253	Tumor grafts grown on the chicken chorioallantoic membrane are distinctively characterized by MRI under functional gas challenge. <i>Scientific Reports</i> , <b>2020</b> , 10, 7505	4.9	2
252	Elements of the Endomucin Extracellular Domain Essential for VEGF-Induced VEGFR2 Activity. <b>2020</b> , 9,		5
251	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
250	Melanoma xenotransplant on the chicken chorioallantoic membrane: a complex biological model for the study of cancer cell behaviour. <b>2020</b> , 154, 177-188		2
249	Local Mast Cell Activation Promotes Neovascularization. <b>2020</b> , 9,		7
248	Vaccarin Regulates Diabetic Chronic Wound Healing through FOXP2/AGGF1 Pathways. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
247	Recent Advances in Practical Methods for Liver Cell Biology: A Short Overview. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	7
246	Macrophage stimulating 1-induced inflammation response promotes aortic aneurysm formation through triggering endothelial cells death and activating the NF- $\kappa$ B signaling pathway. <b>2020</b> , 40, 374-382		5
245	Anti-angiogenic effects of VEGF stimulation on endothelium deficient in phosphoinositide recycling. <i>Nature Communications</i> , <b>2020</b> , 11, 1204	17.4	8
244	Endothelial MT1-MMP targeting limits intussusceptive angiogenesis and colitis via TSP1/nitric oxide axis. <b>2020</b> , 12, e10862		21
243	IGF-binding proteins 3 and 4 are regulators of sprouting angiogenesis. <b>2020</b> , 47, 2561-2572		2
242	A Patient-Derived Xenograft Model for Venous Malformation. <b>2020</b> ,		1
241	The Importance of Mechanical Forces for Endothelial Cell Biology. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 684	4.6	45
240	Robust and Scalable Angiogenesis Assay of Perfused 3D Human iPSC-Derived Endothelium for Anti-Angiogenic Drug Screening. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	8



239	Endothelial cells and angiogenesis in the horse in health and disease-A review. <b>2020</b> , 49, 656-678		2
238	Antiangiogenic Targets for Glioblastoma Therapy from a Pre-Clinical Approach, Using Nanoformulations. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
237	Ligustilide provides neuroprotection by promoting angiogenesis after cerebral ischemia. <b>2020</b> , 42, 683-692		14
236	Functional angiogenesis requires microenvironmental cues balancing endothelial cell migration and proliferation. <b>2020</b> , 20, 1153-1166		27
235	Use of Human Umbilical Vein Endothelial Cells (HUVEC) as a Model to Study Cardiovascular Disease: A Review. <b>2020</b> , 10, 938		43
234	Biology and therapeutic targeting of tumour-associated macrophages. <b>2020</b> , 250, 573-592		41
233	Inflammatory Infiltrate and Angiogenesis in Mantle Cell Lymphoma. <b>2020</b> , 13, 100744		3
232	Comparative Evaluation of the Angiogenic Potential of Hypoxia Preconditioned Blood-Derived Secretomes and Platelet-Rich Plasma: An In Vitro Analysis. <b>2020</b> , 8,		3
231	"Splitting the matrix": intussusceptive angiogenesis meets MT1-MMP. <b>2020</b> , 12, e11663		6
230	Spatial localization of endothelial cells in heterotypic spheroids influences Notch signaling. <b>2020</b> , 98, 425-435		12
229	Alternagin-C (ALT-C), a disintegrin-like protein, attenuates alpha2beta1 integrin and VEGF receptor 2 signaling resulting in angiogenesis inhibition. <b>2020</b> , 174, 144-158		6
228	The Key Characteristics of Carcinogens: Relationship to the Hallmarks of Cancer, Relevant Biomarkers, and Assays to Measure Them. <b>2020</b> , 29, 1887-1903		25
227	Fasentin diminishes endothelial cell proliferation, differentiation and invasion in a glucose metabolism-independent manner. <i>Scientific Reports</i> , <b>2020</b> , 10, 6132	4.9	3
226	Dynamin-related protein-1 promotes lung cancer A549 cells apoptosis through the F-actin/bax signaling pathway. <b>2020</b> , 40, 419-425		2
225	Bcl-2-associated athanogene 5 overexpression attenuates catecholamine-induced vascular endothelial cell apoptosis. <b>2021</b> , 236, 946-957		3
224	Vascular Morphogenesis. <i>Methods in Molecular Biology</i> , <b>2021</b> ,	1.4	
223	Laser speckle contrast analysis (LASCA) technology for the semiquantitative measurement of angiogenesis in in-ovo-tumor-model. <b>2021</b> , 133, 104072		8
222	Exenatide improves random-pattern skin flap survival via TFE3 mediated autophagy augment. <b>2021</b> , 236, 3641-3659		4

221	Angiogenesis in gynecological cancers and the options for anti-angiogenesis therapy. <b>2021</b> , 1875, 188446		8
220	M2 Macrophage-Derived Exosomes Promote Angiogenesis and Growth of Pancreatic Ductal Adenocarcinoma by Targeting E2F2. <b>2021</b> , 29, 1226-1238		33
219	Deep Learning-Based Detection of Endothelial Tip Cells in the Oxygen-Induced Retinopathy Model. <b>2021</b> , 49, 862-871		0
218	MAGI1 localizes to mature focal adhesion and modulates endothelial cell adhesion, migration and angiogenesis. <b>2021</b> , 15, 126-139		5
217	Human endothelial colony-forming cells provide trophic support for pluripotent stem cell-derived cardiomyocytes via distinctively high expression of neuregulin-1. <i>Angiogenesis</i> , <b>2021</b> , 24, 327-344	10.6	1
216	Induced pluripotent stem cell-derived vascular networks to screen nano-bio interactions. <b>2021</b> , 6, 245-259		0
215	Cellular Senescence Affects Cardiac Regeneration and Repair in Ischemic Heart Disease. <b>2021</b> , 12, 552-569		5
214	SIRT6 promotes angiogenesis and hemorrhage of carotid plaque via regulating HIF-1 $\alpha$ and reactive oxygen species. <b>2021</b> , 12, 77		10
213	Molecular and therapeutic bases of cancer. <b>2021</b> , 41-98		
212	Role of Urban Vegetation. <b>2021</b> , 231-251		
211	Tumor grafted - chick chorioallantoic membrane as an alternative model for biological cancer research and conventional/nanomaterial-based theranostics evaluation. <b>2021</b> , 17, 947-968		9
210	Tie-2, G-CSF, and Leptin as Promising Diagnostic Biomarkers for Endometrial Cancer: A Pilot Study. <b>2021</b> , 10,		1
209	Dysbiotic stress increases the sensitivity of the tumor vasculature to radiotherapy and c-Met inhibitors. <i>Angiogenesis</i> , <b>2021</b> , 24, 597-611	10.6	0
208	miR-130a activates the VEGFR2/STAT3/HIF1 $\alpha$ axis to potentiate the vasoregenerative capacity of endothelial colony-forming cells in hypoxia. <b>2021</b> , 23, 968-981		1
207	Nanotechnology-Based Strategies to Evaluate and Counteract Cancer Metastasis and Neovascularization. <b>2021</b> , 10, e2002163		5
206	Angiogenesis Is Differentially Modulated by Platelet-Derived Products. <b>2021</b> , 9,		1
205	Umbilical Cord Blood-Derived Exosomes From Very Preterm Infants With Bronchopulmonary Dysplasia Impaired Endothelial Angiogenesis: Roles of Exosomal MicroRNAs. <b>2021</b> , 9, 637248		4
204	Tissues with Patterned Vessels or Protein Release Induce Vascular Chemotaxis in an Platform. <b>2021</b> , 27, 1290-1304		2

203	Increased angiogenesis and migration of dermal microvascular endothelial cells from patients with psoriasis. <b>2021</b> , 30, 973-981		0
202	Cellular and Molecular Mechanisms Underlying Glioblastoma and Zebrafish Models for the Discovery of New Treatments. <i>Cancers</i> , <b>2021</b> , 13,	6.6	7
201	Alternative Vascularization Mechanisms in Tumor Resistance to Therapy. <i>Cancers</i> , <b>2021</b> , 13,	6.6	5
200	The Role of Heparan Sulfate and Neuropilin 2 in VEGFA Signaling in Human Endothelial Tip Cells and Non-Tip Cells during Angiogenesis In Vitro. <b>2021</b> , 10,		5
199	Ultrasound-Mediated Microbubble Cavitation Transiently Reverses Acute Hindlimb Tissue Ischemia through Augmentation of Microcirculation Perfusion via the eNOS/NO Pathway. <b>2021</b> , 47, 1014-1023		0
198	Chorioallantoic Membrane Models of Various Avian Species: Differences and Applications. <b>2021</b> , 10,		6
197	Antiangiogenic effects of phospholipase A Lys49 BnSP-7 from Bothrops pauloensis snake venom on endothelial cells: An in vitro and ex vivo approach. <b>2021</b> , 72, 105099		2
196	Anti-Angiogenic Therapy: Current Challenges and Future Perspectives. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	23
195	Translational Studies on the Potential of a VEGF Nanoparticle-Loaded Hyaluronic Acid Hydrogel. <b>2021</b> , 13,		3
194	The endosomal RIN2/Rab5C machinery prevents VEGFR2 degradation to control gene expression and tip cell identity during angiogenesis. <i>Angiogenesis</i> , <b>2021</b> , 24, 695-714	10.6	7
193	Tumors modulate fenestrated vascular beds and host endocrine status. <b>2021</b> , 41, 1952-1965		0
192	Proangiogenic Collagen-Binding Glycan Therapeutic Promotes Endothelial Cell Angiogenesis. <b>2021</b> , 7, 3281-3292		2
191	Delivery of Endothelial Cell-Laden Microgel Elicits Angiogenesis in Self-Assembling Ultrashort Peptide Hydrogels In Vitro. <b>2021</b> , 13, 29281-29292		5
190	Active Rap1-mediated inhibition of choroidal neovascularization requires interactions with IQGAP1 in choroidal endothelial cells. <b>2021</b> , 35, e21642		1
189	sVEGFR1 Is Enriched in Hepatic Vein Blood-Evidence for a Provisional Hepatic Factor Candidate?. <b>2021</b> , 9, 679572		1
188	Structural characterization and pro-angiogenic property of a polysaccharide isolated from red seaweed <i>Bangia fusco-purpurea</i> . <b>2021</b> , 181, 705-717		0
187	Angiogenic Aptamer-Modified Tetrahedral Framework Nucleic Acid Promotes Angiogenesis In Vitro and In Vivo. <b>2021</b> , 13, 29439-29449		4
186	Techniques used to assess intussusceptive angiogenesis: A systematic review. <b>2021</b> , 250, 1704-1716		1

185	A novel method of screening combinations of angiostatics identifies bevacizumab and temsirolimus as synergistic inhibitors of glioma-induced angiogenesis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252233	3.7	0
184	The role of anlotinib-mediated EGFR blockade in a positive feedback loop of CXCL11-EGF-EGFR signalling in anaplastic thyroid cancer angiogenesis. <i>British Journal of Cancer</i> , <b>2021</b> , 125, 390-401	8.7	3
183	Lung Pericytes in Pulmonary Vascular Physiology and Pathophysiology. <b>2021</b> , 11, 2227-2247		4
182	Patterned vascularization in a directional ice-templated scaffold of decellularized matrix. <b>2021</b> , 21, 683-692		1
181	The cancer angiogenesis co-culture assay: In vitro quantification of the angiogenic potential of tumoroids. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253258	3.7	3
180	Inactivation of Cerebral Cavemous Malformation Genes Results in Accumulation of von Willebrand Factor and Redistribution of Weibel-Palade Bodies in Endothelial Cells. <b>2021</b> , 8, 622547		1
179	Targeting thymidine phosphorylase inhibition in human colorectal cancer xenografts. <b>2021</b> , 139, 111672		1
178	Tumour microenvironment 3D-modelling: simplicity to complexity and back again. <b>2021</b> , 7, 1033-1046		3
177	Induced endothelial cells from peripheral arterial disease patients and neonatal fibroblasts have comparable angiogenic properties. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255075	3.7	0
176	In Vivo Matrigel Plug Assay as a Potent Method to Investigate Specific Individual Contribution of Angiogenesis to Blood Flow Recovery in Mice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	0
175	VEGFR-2 redirected CAR-T cells are functionally impaired by soluble VEGF-A competition for receptor binding. <b>2021</b> , 9,		4
174	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
173	Intussusceptive Angiogenesis in Human Metastatic Malignant Melanoma. <b>2021</b> , 191, 2023-2038		1
172	High Endothelial Venules: A Vascular Perspective on Tertiary Lymphoid Structures in Cancer. <b>2021</b> , 12, 736670		2
171	PFKFB3 gene deletion in endothelial cells inhibits intraplaque angiogenesis and lesion formation in a murine model of venous bypass grafting. <i>Angiogenesis</i> , <b>2021</b> , 1	10.6	1
170	Characterization of in vitro 3D cultures. <b>2021</b> , 129 Suppl 142, 1-30		
169	Spheroid Coculture of Human Gingiva-Derived Progenitor Cells With Endothelial Cells in Modified Platelet Lysate Hydrogels. <b>2021</b> , 9, 739225		2
168	Diversity in cell differentiation, histology, phenotype and vasculature of mass-forming intrahepatic cholangiocarcinomas. <b>2021</b> , 79, 731-750		1

167	Preoperative systemic chemotherapy alters the histopathological growth patterns of colorectal liver metastases. <b>2021</b> ,		2
166	Nox2 impairs VEGF-A-induced angiogenesis in placenta via mitochondrial ROS-STAT3 pathway. <b>2021</b> , 45, 102051		7
165	Dynamic contrast-enhanced MRI as a predictor of programmed death ligand-1 expression in patients with oral squamous cell carcinoma. <b>2021</b> , 22, 778		1
164	Fast protocol for the visualization and quantitative high-throughput analysis of sprouting angiogenesis by confocal microscopy. <b>2021</b> , 2, 100690		3
163	Role of TGF $\beta$ and WNT6 in FGF2 and BMP4-driven endothelial differentiation of murine embryonic stem cells. <i>Angiogenesis</i> , <b>2021</b> , 1	10.6	0
162	Collagen fibers provide guidance cues for capillary regrowth during regenerative angiogenesis in zebrafish. <i>Scientific Reports</i> , <b>2021</b> , 11, 19520	4.9	1
161	FOXK2 transcriptionally activating VEGFA induces apatinib resistance in anaplastic thyroid cancer through VEGFA/VEGFR1 pathway. <b>2021</b> , 40, 6115-6129		2
160	Comprehensive analysis of angiogenesis subtype of squamous cell carcinoma. <b>2021</b> , 19, 275		1
159	Simulation of the process of angiogenesis: Quantification and assessment of vascular patterning in the chicken chorioallantoic membrane. <b>2021</b> , 136, 104647		3
158	CaMK4 is a downstream effector of the $\beta$ -type calcium channel to determine the angiogenic potential of pulmonary microvascular endothelial cells. <b>2021</b> , 321, C964-C977		1
157	Stem cell-based vascularization of microphysiological systems. <b>2021</b> , 16, 2058-2075		1
156	A novel transcriptional complex on the VE-cadherin promoter regulated the downregulation of VE-cadherin in the Down Syndrome Candidate Region 1 isoform 1L-mediated angiogenesis. <b>2021</b> , 138, 104209		
155	Regeneration and replacement of endothelial cells and renal vascular repair. <b>2022</b> , 129-144		0
154	Steroid hormones and first trimester vascular remodeling. <b>2021</b> , 116, 363-387		1
153	Gastrodin Promotes the Survival of Random-Pattern Skin Flaps via Autophagy Flux Stimulation. <b>2021</b> , 2021, 6611668		2
152	Effectiveness and safety of low-dose apatinib in advanced gastric cancer: A real-world study. <b>2020</b> , 9, 5008-5014		9
151	Bioengineered three-dimensional transparent eggshell as a chicken embryo experimentation platform for biomedical research. <b>2020</b> , 2, e12092		1
150	Skin wound healing assisted by angiogenic targeted tissue engineering: A comprehensive review of bioengineered approaches. <b>2021</b> , 109, 453-478		18

149	Historical Overview of In Vivo and In Vitro Angiogenesis Assays. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2206, 1-13	1.4	4
148	Identification of Endothelial Cells and Their Progenitors. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2206, 27-37	1.4	1
147	Age-related structural alterations of skeletal muscles and associated capillaries. <i>Angiogenesis</i> , <b>2020</b> , 23, 79-82	10.6	9
146	7-ketocholesterol induces endothelial-mesenchymal transition and promotes fibrosis: implications in neovascular age-related macular degeneration and treatment. <i>Angiogenesis</i> , <b>2021</b> , 24, 583-595	10.6	3
145	Poor perfusion of the microvasculature in peritoneal metastases of ovarian cancer. <b>2020</b> , 37, 293-304		6
144	Pathophysiology of blood-brain barrier in brain tumor. Novel therapeutic advances using nanomedicine. <b>2020</b> , 151, 1-66		17
143	Hepatic Vein Blood Increases Lung Microvascular Angiogenesis and Endothelial Cell Survival-Toward an Understanding of Univentricular Circulation. <b>2020</b> , 32, 980-987		2
142	HIFs, angiogenesis, and metabolism: elusive enemies in breast cancer. <b>2020</b> , 130, 5074-5087		50
141	Lymph/angiogenesis contributes to sex differences in lung cancer through oestrogen receptor alpha signalling. <b>2019</b> , 26, 201-216		6
140	New artery of knowledge: 3D models of angiogenesis. <b>2019</b> , 1, H135-H143		7
139	Impairment of hypoxia-induced angiogenesis by LDL involves a HIF-centered signaling network linking inflammatory TNF $\alpha$ and angiogenic VEGF. <b>2019</b> , 11, 328-349		11
138	Role of mitochondrial quality control in the pathogenesis of nonalcoholic fatty liver disease. <b>2020</b> , 12, 6467-6485		25
137	Exenatide inhibits NF- $\kappa$ B and attenuates ER stress in diabetic cardiomyocyte models. <b>2020</b> , 12, 8640-8651		7
136	Human Endothelial Cell Spheroid-based Sprouting Angiogenesis Assay in Collagen. <b>2018</b> , 8, e2995		14
135	The MSC-MCF-7 Duet Playing Tumor Vasculogenesis and Angiogenesis onto the Chick Embryo Chorioallantoic Membrane. <b>2020</b> , 34, 3315-3325		4
134	A novel definition of microvessel density in renal cell carcinoma: Angiogenesis plus vasculogenic mimicry. <b>2020</b> , 20, 192		1
133	A regulatory microRNA network controls endothelial cell phenotypic switch during sprouting angiogenesis. <b>2020</b> , 9,		22
132	Comparative mRNA/micro-RNA co-expression network drives melanomagenesis by promoting epithelial-mesenchymal transition and vasculogenic mimicry signaling. <b>2021</b> , 14, 101237		0

131	Understanding and improving cellular immunotherapies against cancer: From cell-manufacturing to tumor-immune models. <b>2021</b> , 179, 114003		2
130	Functional angiogenesis requires microenvironmental cues balancing endothelial cell migration and proliferation.		0
129	Bidimensional In Vitro Angiogenic Assays to Study CCM Pathogenesis: Endothelial Cell Proliferation and Migration. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2152, 377-385	1.4	0
128	Rapamycin as a potent and selective inhibitor of vascular endothelial growth factor receptor in breast carcinoma.		
127	Studying Angiogenesis in the Rabbit Corneal Pocket Assay. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2206, 89-101	1.4	1
126	Metronomic Anti-Cancer Therapy: A Multimodal Therapy Governed by the Tumor Microenvironment. <i>Cancers</i> , <b>2021</b> , 13,	6.6	0
125	Angiogenic Sprouting Dynamics Mediated by Endothelial-Fibroblast Interactions in Microfluidic Systems. <b>2021</b> , 5, e2101080		2
124	Depletion of Embryonic Macrophages Leads to a Reduction in Angiogenesis in the Ex Ovo Chick Chorioallantoic Membrane Assay. <b>2020</b> , 10,		0
123	Proangiogenic Collagen Binding Glycan Therapeutic Promotes Endothelial Cell Health: Potential Application for the Treatment of Ischemic Wounds.		
122	Pro-angiogenic effects of pregnancy-specific glycoproteins in endothelial and extravillous trophoblast cells. <b>2020</b> , 160, 737-750		1
121	[Role of p22phox and NOX5 in autophagy and apoptosis of osteoblasts induced by hypoxia]. <b>2021</b> , 35, 855-861		
120	Pro-angiogenic approach for skeletal muscle regeneration. <b>2021</b> , 1866, 130059		1
119	LIF, a mitogen for choroidal endothelial cells, protects the choriocapillaris: implications for prevention of geographic atrophy. <b>2021</b> , e14511		1
118	Icariin activates autophagy to trigger TGF $\beta$ upregulation and promote angiogenesis in EA.hy926 human vascular endothelial cells. <b>2021</b> ,		0
117	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
116	A novel inhibitory peptide of Dll4-Notch1 signaling and its proangiogenic functions. <b>2021</b> ,		0
115	Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. <b>2021</b> , 15, 703431		
114	Isosteviol improves cardiac function and promotes angiogenesis after myocardial infarction in rats. <b>2021</b> , 1		

113	RhoJ facilitates angiogenesis in glioblastoma via JNK/VEGFR2 mediated activation of PAK and ERK signaling pathways.. <b>2022</b> , 18, 942-955	1
112	Pro-angiogenic effects of pregnancy-specific glycoproteins in endothelial and extravillous trophoblast cells. <b>2020</b> , 160, 737-750	2
111	Modeling Sprouting Angiogenesis by Drift Forces with the Usage of Fokker-Planck Equation. <b>2021</b> ,	
110	Angiopoietin-like 4-Induced 3D Capillary Morphogenesis Correlates to Stabilization of Endothelial Adherens Junctions and Restriction of VEGF-Induced Sprouting.. <b>2022</b> , 10,	0
109	Therapeutic angiogenesis in Buerger's disease: reviewing the treatment landscape. <b>2022</b> , 3, 263300402110702	
108	Rapamycin as a potent and selective inhibitor of vascular endothelial growth factor receptor in breast carcinoma.. <b>2022</b> , 36, 20587384211059673	0
107	Antiangiogenic Phytochemicals Constituent of Diet as Promising Candidates for Chemoprevention of Cancer.. <b>2022</b> , 11,	2
106	Quantifying and Characterizing Angiogenesis Using the Postnatal Mouse Retina.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2441, 63-73	1.4
105	Up-regulation of caveolin 1 mediated by chitosan activates Wnt/ $\beta$ -catenin pathway in chronic refractory wound diabetic rat model.. <b>2022</b> , 13, 1388-1398	0
104	Oncostatin M is overexpressed in NASH-related hepatocellular carcinoma and promotes cancer cell invasiveness and angiogenesis.. <b>2022</b> ,	2
103	Endothelial Notch signaling directly regulates the small GTPase RND1 to facilitate Notch suppression of endothelial migration.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1655	4.9 2
102	Angiogenesis and Functional Vessel Formation Induced by Interstitial Flow and Vascular Endothelial Growth Factor Using a Microfluidic Chip.. <b>2022</b> , 13,	0
101	P311 Facilitates the Angiogenesis and Wound Healing Function of MSCs by Increasing VEGF Production.. <b>2022</b> , 13, 821932	
100	Long Non-Coding RNA LINC02802 Regulates In Vitro Sprouting Angiogenesis by Sponging microRNA-486-5p.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3 0
99	Angioprevention of Urologic Cancers by Plant-Derived Foods.. <b>2022</b> , 14,	0
98	Tumor-specific inter-endothelial adhesion mediated by FLRT2 facilitates cancer aggressiveness.. <b>2022</b> ,	1
97	Buxue Yimu Pills improve angiogenesis and blood flow in experimental zebrafish and rat models.. <b>2022</b> , 289, 115002	0
96	A New Approach to Inhibiting Triple-Negative Breast Cancer: In Vitro, Ex Vivo and In Vivo Antiangiogenic Effect of BthTx-II, a PLA-Asp-49 from Venom.. <b>2022</b> , 12,	4



95	Antitumor effect of isoquercetin on tissue vasohibin expression and colon cancer vasculature.. <b>2022</b> , 13, 307-318	1
94	Issues of origin, morphology and clinical significance of tumor microvessels in gastric cancer.. <b>2021</b> , 27, 8262-8282	0
93	Chick Embryo Ex Vivo Aortic Sprouting Assays for Cardiovascular Research.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2419, 183-192	1.4
92	Considerations about Hypoxic Changes in Neuraxis Tissue Injuries and Recovery.. <b>2022</b> , 10,	1
91	Occludin facilitates tumour angiogenesis in bladder cancer by regulating IL8/STAT3 through STAT4.. <b>2022</b> ,	1
90	Targeting Angiogenesis in Breast Cancer: Current Evidence and Future Perspectives of Novel Anti-Angiogenic Approaches.. <b>2022</b> , 13, 838133	6
89	Diabetes and Its Cardiovascular Complications: Comprehensive Network and Systematic Analyses.. <b>2022</b> , 9, 841928	1
88	An FPS-ZM1-encapsulated zeolitic imidazolate framework as a dual proangiogenic drug delivery system for diabetic wound healing. 1	2
87	Inner nuclear membrane protein TMEM201 maintains endothelial cell migration and angiogenesis by interacting with the LINC complex.. <b>2022</b> ,	0
86	The promoting effects of activated olfactory ensheathing cells on angiogenesis after spinal cord injury through the PI3K/Akt pathway.. <b>2022</b> , 12, 23	0
85	Microvessel quantification by fully convolutional neural networks associated with type 2 inflammation in chronic rhinosinusitis.. <b>2022</b> ,	1
84	Microtube Array Membrane Hollow Fiber Assay (MTAM-HFA)-An Accurate and Rapid Potential Companion Diagnostic and Pharmacological Interrogation Solution for Cancer Immunotherapy (PD-1/PD-L1).. <b>2022</b> , 12,	0
83	Perfusable micro-vascularized 3D tissue array for high-throughput vascular phenotypic screening.. <b>2022</b> , 9, 16	5
82	Immunoengineering strategies to enhance vascularization and tissue regeneration.. <b>2022</b> , 184, 114233	1
81	Shuxuetong injection and its peptides enhance angiogenesis after hindlimb ischemia by activating the MYPT1/LIMK1/Cofilin pathway.. <b>2022</b> , 115166	0
80	Inhibition of Neovascularization and Inflammation in a Mouse Model of Corneal Alkali Burns Using Cationic Liposomal Tacrolimus.. <b>2021</b> , 9, 791954	0
79	Heterotypic Multicellular Spheroids as Experimental and Preclinical Models of Sprouting Angiogenesis.. <b>2021</b> , 11,	0
78	Proangiogenic Effect of Affinin and an Ethanolic Extract from Roots: Ex Vivo and In Vivo Evidence.. <b>2021</b> , 26,	

77	Direct Microextrusion Printing of a Low Viscosity Hydrogel on a Supportive Microstructured Bioprinting Substrate for the Vasculogenesis of Endothelial Cells. 2101326		1
76	Inhibition of PLA2G4E/cPLA2 promotes survival of random skin flaps by alleviating Lysosomal membrane permeabilization-Induced necroptosis. <b>2021</b> , 1-23		0
75	Expanding adult tubular microvessels on stiff substrates with endothelial cells and pericytes from the same tissue.		
74	Image_1.pdf. <b>2020</b> ,		
73	Image_1.TIF. <b>2019</b> ,		
72	Image_2.TIF. <b>2019</b> ,		
71	Image_3.JPEG. <b>2019</b> ,		
70	Image_4.TIF. <b>2019</b> ,		
69	Image_5.JPEG. <b>2019</b> ,		
68	An Automated Quantification Tool for Angiogenic Sprouting From Endothelial Spheroids.. <b>2022</b> , 13, 883083		
67	A Novel High Content Angiogenesis Assay Reveals That Lacidipine, L-Type Calcium Channel Blocker, Induces In Vitro Vascular Lumen Expansion.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
66	Natural Herbal Medicine as a Treatment Strategy for Myocardial Infarction through the Regulation of Angiogenesis. <b>2022</b> , 2022, 1-17		0
65	TFEB controls integrin-mediated endothelial cell adhesion by the regulation of cholesterol metabolism.. <i>Angiogenesis</i> , <b>2022</b> ,	10.6	2
64	Expression of vimentin, TPI and MAT2A in human dermal microvascular endothelial cells during angiogenesis in vitro.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266774	3.7	
63	Periostin in lymph node pre-metastatic niches governs lymphatic endothelial cell functions and metastatic colonization.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 295	10.3	0
62	A first-in-human Phase I dose-escalation trial of the novel therapeutic peptide, ALM201, demonstrates a favourable safety profile in unselected patients with ovarian cancer and other advanced solid tumours.. <i>British Journal of Cancer</i> , <b>2022</b> ,	8.7	0
61	Lipid droplet degradation by autophagy connects mitochondria metabolism to Prox1-driven expression of lymphatic genes and lymphangiogenesis.. <i>Nature Communications</i> , <b>2022</b> , 13, 2760	17.4	1
60	Extracellular vimentin mimics VEGF and is a target for anti-angiogenic immunotherapy. <i>Nature Communications</i> , <b>2022</b> , 13,	17.4	2

59	In vitro and in ovo impact of the ionic dissolution products of boron-doped bioactive silicate glasses on cell viability, osteogenesis and angiogenesis. <i>Scientific Reports</i> , <b>2022</b> , 12,	4.9	0
58	TMEM16A Plays an Insignificant Role in Myocardium Remodeling but May Promote Angiogenesis of Heart During Pressure-overload. <i>Frontiers in Physiology</i> , <b>2022</b> , 13,	4.6	
57	Contact-dependent signaling triggers tumor-like proliferation of CCM3 knockout endothelial cells in co-culture with wild-type cells. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79,	10.3	1
56	The Role of Connexin in Ophthalmic Neovascularization and the Interaction between Connexin and Proangiogenic Factors. <i>Journal of Ophthalmology</i> , <b>2022</b> , 2022, 1-12	2	0
55	Aging of Vascular System Is a Complex Process: The Cornerstone Mechanisms. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6926	6.3	0
54	Poly-ε-caprolactone/poly(rotaxane) seeded with human dental pulp stem cells or osteoblasts promotes angiogenesis: a chorioallantoic membrane assay. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1-12	3.5	
53	Detection assays for vasculogenesis and angiogenesis. <b>2022</b> , 145-163		
52	In Vitro Models to Study Angiogenesis and Vasculature. <i>Methods in Molecular Biology</i> , <b>2022</b> , 15-28	1.4	0
51	In Vitro Tube Formation Assays in Matrigel. <i>Methods in Molecular Biology</i> , <b>2022</b> , 31-38	1.4	
50	Probing Vasoreactivity and Hypoxic Phenotype in Different Tumor Grafts Grown on the Chorioallantoic Membrane of the Chicken Embryo In Ovo Using MRI. <i>Cancers</i> , <b>2022</b> , 14, 3114	6.6	0
49	S100A4-dependent glycolysis promotes lymphatic vessel sprouting in tumor. <i>Angiogenesis</i> ,	10.6	0
48	Origen, morfología y significancia clínica de microvesículas de tumor en cáncer gástrico. <i>Magna Scientia UCEVA</i> , <b>2022</b> , 2, 5-25		
47	WNK1 collaborates with TGF-β in endothelial cell junction turnover and angiogenesis. <b>2022</b> , 119,		0
46	Increased Angiogenesis and Lymphangiogenesis in Adenomyosis Visualized by Multiplex Immunohistochemistry. <b>2022</b> , 23, 8434		0
45	Deep Learning-Based Image Analysis for the Quantification of Tumor-Induced Angiogenesis in the 3D In Vivo Tumor Model Establishment and Addition to Laser Speckle Contrast Imaging (LSCI). <b>2022</b> , 11, 2321		1
44	The value of exosome-derived noncoding RNAs in colorectal cancer proliferation, metastasis, and clinical applications.		0
43	Perinatal derivatives: How to best characterize their multimodal functions in vitro. Part C: Inflammation, angiogenesis, and wound healing. 10,		1
42	Replacement in angiogenesis research: Studying mechanisms of blood vessel development by animal-free in vitro, in vivo and in silico approaches. 13,		1

41	Swiss Medical Devices for Autologous Regenerative Medicine: From Innovation to Clinical Validation. <b>2022</b> , 14, 1617	
40	Gradual hydrogel degradation for programable repairing full-thickness skin defect wound. <b>2022</b> , 450, 138200	3
39	Flavonoids regulate tumor-associated macrophages [From structure-activity relationship to clinical potential (Review). <b>2022</b> , 184, 106419	2
38	Expanding tubular microvessels on stiff substrates with endothelial cells and pericytes from the same adult tissue. <b>2022</b> , 13, 204173142211253	0
37	Drug repurposing in cancer neuroscience: From the viewpoint of the autophagy-mediated innervated niche. 13,	0
36	A Novel Artificial Intelligence-Based Approach for Quantitative Assessment of Angiogenesis in the Ex Ovo CAM Model. <b>2022</b> , 14, 4273	1
35	Discovery and Development of Tumor Angiogenesis Assays. <b>2023</b> , 1-37	0
34	Impaired repair properties of endothelial colony-forming cells in patients with granulomatosis with polyangiitis.	0
33	Characterization of the activity and the mechanism of action of a new toluquinol derivative with improved potential as an antiangiogenic drug. <b>2022</b> , 155, 113759	0
32	A microphysiological system-based potency bioassay for the functional quality assessment of mesenchymal stromal cells targeting vasculogenesis. <b>2022</b> , 290, 121826	1
31	miRNAs in anti-cancer drug resistance of non-small cell lung cancer: Recent advances and future potential. 13,	0
30	Osteogenic Differentiated Human Bone Marrow Stem Cells Contribute to Sprouting Angiogenesis Deceleration via Paracrine Excreted IGFBP7. 2201719	0
29	The Problem of Vascularization of Precancerous Lesions of the Colon and Development of Hypoxia at the Incipient Stages of Blastomogenesis.	0
28	EBV promotes vascular mimicry of dormant cancer cells by potentiating stemness and EMT. <b>2022</b> , 113403	0
27	Ultrasound super-resolution imaging for differential diagnosis of breast masses. 12,	0
26	New insights into circRNA and its mechanisms in angiogenesis regulation in ischemic stroke: a biomarker and therapeutic target.	0
25	Treponema pallidum membrane protein Tp47 promotes angiogenesis through ROS -induced autophagy.	0
24	New Strategy for Promoting Vascularization in Tumor Spheroids in a Microfluidic Assay. 2201784	1

- 23 Protein kinase D1 promotes the survival of random-pattern skin flaps in rats. **2023**, 641, 67-76 ○
- 22 Integration of single-cell transcriptomes and biological function reveals distinct behavioral patterns in bone marrow endothelium. **2022**, 13, ○
- 21 Vascularization Strategies in 3D Cell Culture Models: From Scaffold-Free Models to 3D Bioprinting. **2022**, 23, 14582 ○
- 20 Proinflammatory activity of VEGF-targeted treatment through reversal of tumor endothelial cell energy. ○
- 19 Notch signaling regulates vasculogenic mimicry and promotes cell morphogenesis and the epithelial-to-mesenchymal transition in pancreatic ductal adenocarcinoma. **2022**, 17, e0279001 ○
- 18 Role of Adrenomedullin 2/Intermedin in the Pathogenesis of Neovascular Age-Related Macular Degeneration. **2023**, 100038 ○
- 17 Analysis of mRNA Subcellular Distribution in Collective Cell Migration. **2023**, 389-407 ○
- 16 Angiogenesis Invasion Assay to Study Endothelial Cell Invasion and Sprouting Behavior. **2023**, 345-364 ○
- 15 Deep Semantic Segmentation of Angiogenesis Images. **2023**, 24, 1102 ○
- 14 Differential Angiogenic Induction Impacts Nasal Polyp Tissue Growth. ○
- 13 Biodegradable silk fibroin scaffold doped with mineralized collagen induces bone regeneration in rat cranial defects. **2023**, 235, 123861 ○
- 12 Multimodal study of CHI3L1 inhibition and its effect on angiogenesis, migration, immune response and refractive index of cellular structures in glioblastoma. **2023**, 161, 114520 ○
- 11 Biological properties of bioactive compounds from the fruit and leaves of the genipap tree (*Genipa americana* L.): A systematic review. **2023**, 53, 102514 ○
- 10 Hypoxia-induced downregulation of microRNA-186-5p in endothelial cells promotes non-small cell lung cancer angiogenesis by upregulating protein kinase C alpha. **2023**, 31, 421-436 1
- 9 Chorioallantoic Membrane Assay at the Cross-Roads of Adipose-Tissue-Derived Stem Cell Research. **2023**, 12, 592 ○
- 8 Induction of Angiogenesis by Genetically Modified Human Umbilical Cord Blood Mononuclear Cells. **2023**, 24, 4396 ○
- 7 *Salvia miltiorrhiza* augments endothelial cell function for ischemic hindlimb recovery. **2023**, ○
- 6 S-adenosylhomocysteine hydrolase-like protein 1 (AHCYL1) inhibits lung cancer tumorigenesis by regulating cell plasticity. **2023**, 18, ○

- 5 Berberine Inhibits Endothelial Cell Proliferation via Repressing ERK1/2 Pathway. **2023**, 18, 1934578X2311526 ○
- 4 Angiogenesis Inhibitors in the Treatment of Cancer. **2023**, 1-33 ○
- 3 PI(4,5)P 2 -dependent regulation of endothelial tip cell specification contributes to angiogenesis. **2023**, 9, ○
- 2 An Overview of Angiogenesis in Bladder Cancer. ○
- 1 Pathological angiogenesis: mechanisms and therapeutic strategies. ○