Federico Bussolino

List of Publications by Year in descending order

247 papers	19,686 citations	14655 66 h-index	12272 133 g-index
253 all docs	253 docs citations	253 times ranked	21962 citing authors

#	Article	IF	Citations
1	Role of TGFÎ²1 and WNT6 in FGF2 and BMP4-driven endothelial differentiation of murine embryonic stem cells. Angiogenesis, 2022, 25, 113-128.	7.2	3
2	Tumoral Neuroligin 1 Promotes Cancerâ€“Nerve Interactions and Synergizes with the Glial Cell Line-Derived Neurotrophic Factor. Cells, 2022, 11, 280.	4.1	6
3	Oncostatin <scp>M</scp> is overexpressed in <scp>NASH</scp>â€related hepatocellular carcinoma and promotes cancer cell invasiveness and angiogenesis. Journal of Pathology, 2022, 257, 82-95.	4.5	12
4	Long Non-Coding RNA LINC02802 Regulates In Vitro Sprouting Angiogenesis by Sponging microRNA-486-5p. International Journal of Molecular Sciences, 2022, 23, 1653.	4.1	4
5	SKP2 drives the sensitivity to neddylation inhibitors and cisplatin in malignant pleural mesothelioma. Journal of Experimental and Clinical Cancer Research, 2022, 41, 75.	8.6	7
6	Oncostatin M is overexpressed in NASH-related hepatocellular carcinoma and promotes cancer cell invasiveness and angiogenesis. Digestive and Liver Disease, 2022, 54, S41.	0.9	0
7	TFEB controls integrin-mediated endothelial cell adhesion by the regulation of cholesterol metabolism. Angiogenesis, 2022, 25, 471-492.	7.2	10
8	Transcription factor EB controls both motogenic and mitogenic cell activities. FEBS Letters, 2022, 596, 1973-1980.	2.8	4
9	Multifaceted activities of transcription factor EB in cancer onset and progression. Molecular Oncology, 2021, 15, 327-346.	4.6	29
10	The Oncogene Transcription Factor EB Regulates Vascular Functions. Frontiers in Physiology, 2021, 12, 640061.	2.8	7
11	The role of redox system in metastasis formation. Angiogenesis, 2021, 24, 435-450.	7.2	5
12	Evaluation of the Preclinical Efficacy of Lurbinectedin in Malignant Pleural Mesothelioma. Cancers, 2021, 13, 2332.	3.7	4
13	Clinical and Molecular Features of Epidermal Growth Factor Receptor (EGFR) Mutation Positive Non-Small-Cell Lung Cancer (NSCLC) Patients Treated with Tyrosine Kinase Inhibitors (TKIs): Predictive and Prognostic Role of Co-Mutations. Cancers, 2021, 13, 2425.	3.7	7
14	miR-200c-3p Regulates Epitelial-to-Mesenchymal Transition in Epicardial Mesothelial Cells by Targeting Epicardial Follistatin-Related Protein 1. International Journal of Molecular Sciences, 2021, 22, 4971.	4.1	6
15	TFEB Signalling-Related MicroRNAs and Autophagy. Biomolecules, 2021, 11, 985.	4.0	11
16	Transmembrane Protein TMEM230, a Target of Glioblastoma Therapy. Frontiers in Cellular Neuroscience, 2021, 15, 703431.	3.7	1
17	Wnt/ILâ€1Î²/ILâ€8 autocrine circuitries control chemoresistance in mesothelioma initiating cells by inducing ABCB5. International Journal of Cancer, 2020, 146, 192-207.	5.1	29
18	HIV Protease Inhibitors Block HPV16-Induced Murine Cervical Carcinoma and Promote Vessel Normalization in Association with MMP-9 Inhibition and TIMP-3 Induction. Molecular Cancer Therapeutics, 2020, 19, 2476-2489.	4.1	5

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19	Genetic perturbation of IFN-Î± transcriptional modulators in human endothelial cells uncovers pivotal regulators of angiogenesis. Computational and Structural Biotechnology Journal, 2020, 18, 3977-3986.	4.1	6
20	A regulatory microRNA network controls endothelial cell phenotypic switch during sprouting angiogenesis. ELife, 2020, 9, .	6.0	35
21	KRAS-Driven Metabolic Rewiring Reveals Novel Actionable Targets in Cancer. Frontiers in Oncology, 2019, 9, 848.	2.8	99
22	Potential Diagnostic and Prognostic Role of Microenvironment in Malignant Pleural Mesothelioma. Journal of Thoracic Oncology, 2019, 14, 1458-1471.	1.1	41
23	SerpinB3 Differently Up-Regulates Hypoxia Inducible Factors -1Î± and -2Î± in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. Cancers, 2019, 11, 1933.	3.7	22
24	Nanomedicine for Imaging and Therapy of Pancreatic Adenocarcinoma. Frontiers in Bioengineering and Biotechnology, 2019, 7, 307.	4.1	27
25	<scp>TFEB</scp> controls vascular development by regulating the proliferation of endothelial cells. EMBO Journal, 2019, 38, .	7.8	55
26	Targeted nanomedicines for applications in preclinical cancer models. Bulletin of Russian State Medical University, 2019, , 5-13.	0.2	0
27	PI3K/mTOR inhibition promotes the regression of experimental vascular malformations driven by PIK3CA-activating mutations. Cell Death and Disease, 2018, 9, 45.	6.3	59
28	Bloch surface wave label-free and fluorescence platform for the detection of VEGF biomarker in biological matrices. Sensors and Actuators B: Chemical, 2018, 255, 2143-2150.	7.8	25
29	Bromodomain inhibition exerts its therapeutic potential in malignant pleural mesothelioma by promoting immunogenic cell death and changing the tumor immune-environment. OncoImmunology, 2018, 7, e1398874.	4.6	41
30	MRCKÎ± is activated by caspase cleavage to assemble an apical actin ring for epithelial cell extrusion. Journal of Cell Biology, 2018, 217, 231-249.	5.2	27
31	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
32	Modulation of Angiopoietin 2 release from endothelial cells and angiogenesis by the synaptic protein Neuroligin 2. Biochemical and Biophysical Research Communications, 2018, 501, 165-171.	2.1	5
33	Bloch surface wave enhanced biosensor for the direct detection of Angiopoietin-2 tumor biomarker in human plasma. Biomedical Optics Express, 2018, 9, 529.	2.9	19
34	Tumor progression: the neuronal input. Annals of Translational Medicine, 2018, 6, 89-89.	1.7	47
35	MicroRNA-mediated regulatory circuits: outlook and perspectives. Physical Biology, 2017, 14, 045001.	1.8	73
36	Bioengineered tumoral microtissues recapitulate desmoplastic reaction of pancreatic cancer. Acta Biomaterialia, 2017, 49, 152-166.	8.3	60

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37	Sema3F (Semaphorin 3F) Selectively Drives an Extraembryonic Proangiogenic Program. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1710-1721.	2.4	12
38	<scp>VEGF</scp> blockade enhances the antitumor effect of <scp> BRAF ^V </scp> ^{600E} inhibition. EMBO Molecular Medicine, 2017, 9, 219-237.	6.9	36
39	An Electrical Impedance-Based Method for Quantitative Real-Time Analysis of Semaphorin-Elicited Endothelial Cell Collapse. Methods in Molecular Biology, 2017, 1493, 195-207.	0.9	4
40	Therapy for Cancer: Strategy of Combining Anti-Angiogenic and Target Therapies. Frontiers in Cell and Developmental Biology, 2017, 5, 101.	3.7	65
41	BCAM and LAMA5 Mediate the Recognition between Tumor Cells and the Endothelium in the Metastatic Spreading of KRAS-Mutant Colorectal Cancer. Clinical Cancer Research, 2016, 22, 4923-4933.	7.0	50
42	Hydrogel-Terminated Photonic Crystal for Label-Free Detection of Angiopoietin-1. Journal of Lightwave Technology, 2016, 34, 3641-3645.	4.6	16
43	Novel active agents in patients with advanced NSCLC without driver mutations who have progressed after first-line chemotherapy. ESMO Open, 2016, 1, e000118.	4.5	6
44	SPAD aptasensor for the detection of circulating protein biomarkers. Biosensors and Bioelectronics, 2015, 68, 500-507.	10.1	24
45	PDK1 regulates focal adhesion disassembly through modulation of Î±vÎ²3 integrin endocytosis. Journal of Cell Science, 2015, 128, 863-77.	2.0	16
46	Real-time monitoring of cell protrusion dynamics by impedance responses. Scientific Reports, 2015, 5, 10206.	3.3	28
47	The cholesterol biosynthesis enzyme oxidosqualene cyclase is a new target to impair tumour angiogenesis and metastasis dissemination. Scientific Reports, 2015, 5, 9054.	3.3	56
48	The Neuronal Pentraxin-2 Pathway Is an Unrecognized Target in Human Neuroblastoma, Which Also Offers Prognostic Value in Patients. Cancer Research, 2015, 75, 4265-4271.	0.9	20
49	Three-Dimensional In Vitro Assay of Endothelial Cell Invasion and Capillary Tube Morphogenesis. Methods in Molecular Biology, 2015, 1214, 41-47.	0.9	6
50	Class 3 Semaphorin in Angiogenesis and Lymphangiogenesis. Chemical Immunology and Allergy, 2014, 99, 71-88.	1.7	15
51	PDK1-mediated activation of MRCKÎ± regulates directional cell migration and lamellipodia retraction. Journal of Cell Biology, 2014, 206, 415-434.	5.2	43
52	Neuroligin 1 Induces Blood Vessel Maturation by Cooperating with the Î±6 Integrin. Journal of Biological Chemistry, 2014, 289, 19466-19476.	3.4	31
53	Neuroligin 1 induces blood vessel maturation by cooperating with the Î±6 integrin.. Journal of Biological Chemistry, 2014, 289, 25475.	3.4	0
54	Bloch Surface Waves on Dielectric Photonic Crystals for Biological Sensing. Lecture Notes in Electrical Engineering, 2014, , 107-111.	0.4	0

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55	Semaphorins in cardiovascular medicine. Trends in Molecular Medicine, 2014, 20, 589-598.	6.7	16
56	Angiopoietin-like 7, a novel pro-angiogenetic factor over-expressed in cancer. Angiogenesis, 2014, 17, 881-896.	7.2	55
57	Endothelial podosome rosettes regulate vascular branching in tumour angiogenesis. Nature Cell Biology, 2014, 16, 931-941.	10.3	107
58	Novel phage display-derived neuroblastoma-targeting peptides potentiate the effect of drug nanocarriers in preclinical settings. Journal of Controlled Release, 2013, 170, 233-241.	9.9	41
59	A peptide from the extracellular region of the synaptic protein Î± Neurexin stimulates angiogenesis and the vascular specific tyrosine kinase Tie2. Biochemical and Biophysical Research Communications, 2013, 432, 574-579.	2.1	9
60	The V1/V2 loop of HIVâ€1 gp120 is necessary for Tat binding and consequent modulation of virus entry. FEBS Letters, 2013, 587, 2943-2951.	2.8	8
61	Class 3 semaphorins: physiological vascular normalizing agents for antiâ€cancer therapy. Journal of Internal Medicine, 2013, 273, 138-155.	6.0	37
62	Emerging lymphae for the fountain of life. EMBO Journal, 2013, 32, 609-611.	7.8	6
63	A Fluorescent One-Dimensional Photonic Crystal for Label-Free Biosensing Based on Bloch Surface Waves. Sensors, 2013, 13, 2011-2022.	3.8	56
64	Modeling human tumor angiogenesis in a three-dimensional culture system. Blood, 2013, 121, e129-e137.	1.4	64
65	Differential regulation of neurexin at glutamatergic and GABAergic synapses. Frontiers in Cellular Neuroscience, 2013, 7, 35.	3.7	17
66	The R-Ras/RIN2/Rab5 complex controls endothelial cell adhesion and morphogenesis via active integrin endocytosis and Rac signaling. Cell Research, 2012, 22, 1479-1501.	12.0	97
67	Targeting oncogenic serine/threonine-protein kinase BRAF in cancer cells inhibits angiogenesis and abrogates hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E353-9.	7.1	51
68	Liver X Receptor Activation Reduces Angiogenesis by Impairing Lipid Raft Localization and Signaling of Vascular Endothelial Growth Factor Receptor-2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2280-2288.	2.4	61
69	Semaphorin 4A Exerts a Proangiogenic Effect by Enhancing Vascular Endothelial Growth Factor-A Expression in Macrophages. Journal of Immunology, 2012, 188, 4081-4092.	0.8	64
70	Neuropilin-1 Identifies a Subset of Bone Marrow Gr1â^' Monocytes That Can Induce Tumor Vessel Normalization and Inhibit Tumor Growth. Cancer Research, 2012, 72, 6371-6381.	0.9	51
71	Unraveling the influence of endothelial cell density on VEGF-A signaling. Blood, 2012, 119, 5599-5607.	1.4	30
72	The miR-126 regulates Angiopoietin-1 signaling and vessel maturation by targeting p85Î². Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1925-1935.	4.1	77

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73	A complex of Î±₆ integrin and Eâ€cadherin drives liver metastasis of colorectal cancer cells through hepatic angiopoietinâ€like 6. EMBO Molecular Medicine, 2012, 4, 1156-1175.	6.9	44
74	IL-12-dependent innate immunity arrests endothelial cells in G0â€“G1 phase by a p21Cip1/Waf1-mediated mechanism. Angiogenesis, 2012, 15, 713-725.	7.2	5
75	The Synaptic Proteins Î²-Neurexin and Neuroligin Synergize With Extracellular Matrix-Binding Vascular Endothelial Growth Factor A During Zebrafish Vascular Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1563-1572.	2.4	24
76	3-Phosphoinositide-Dependent Kinase 1 Controls Breast Tumor Growth in a Kinase-Dependent but Akt-Independent Manner. Neoplasia, 2012, 14, 719-IN19.	5.3	57
77	Targeted dual-color silica nanoparticles provide univocal identification of micrometastases in preclinical models of colorectal cancer. International Journal of Nanomedicine, 2012, 7, 4797.	6.7	31
78	SERS active Ag nanoparticles in mesoporous silicon: detection of organic molecules and peptideâ€“antibody assays. Journal of Raman Spectroscopy, 2012, 43, 730-736.	2.5	70
79	Semaphorin 3A overcomes cancer hypoxia and metastatic dissemination induced by antiangiogenic treatment in mice. Journal of Clinical Investigation, 2012, 122, 1832-1848.	8.2	154
80	A transient kinetic study between signaling proteins: the case of the MEKâ€“ERK interaction. Chemical Science, 2011, 2, 1804.	7.4	8
81	Ex vivo-expanded bone marrow CD34+ for acute myocardial infarction treatment: in vitro and in vivo studies. Cytotherapy, 2011, 13, 1140-1152.	0.7	8
82	Nervous vascular parallels: axon guidance and beyond. International Journal of Developmental Biology, 2011, 55, 439-445.	0.6	27
83	Priming of the vascular endothelial growth factor signaling pathway by thrombospondin-1, CD36, and spleen tyrosine kinase. Blood, 2011, 117, 4658-4666.	1.4	64
84	Mature endothelium and neurons are simultaneously derived from embryonic stem cells by 2Din vitroculture system. Journal of Cellular and Molecular Medicine, 2011, 15, 2200-2215.	3.6	4
85	Simplification of a complex signal transduction model using invariants and flow equivalent servers. Theoretical Computer Science, 2011, 412, 6036-6057.	0.9	15
86	Neurexins and neuroligins: synapses look out of the nervous system. Cellular and Molecular Life Sciences, 2011, 68, 2655-2666.	5.4	51
87	Small GTPase Rab5 participates in chromosome congression and regulates localization of the centromere-associated protein CENP-F to kinetochores. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17337-17342.	7.1	50
88	Combined targeting of perivascular and endothelial tumor cells enhances anti-tumor efficacy of liposomal chemotherapy in neuroblastoma. Journal of Controlled Release, 2010, 145, 66-73.	9.9	78
89	Characterization of the neuroligin gene family expression and evolution in zebrafish. Developmental Dynamics, 2010, 239, 688-702.	1.8	19
90	Development of microcantilever-based biosensor array to detect Angiopoietin-1, a marker of tumor angiogenesisâ˜†. Biosensors and Bioelectronics, 2010, 25, 1193-1198.	10.1	47

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91	Integration of microfluidic and cantilever technology for biosensing application in liquid environment. Biosensors and Bioelectronics, 2010, 26, 1565-1570.	10.1	58
92	Protein Kinase D1 Regulates VEGF-A-Induced Î±vÎ²3 Integrin Trafficking and Endothelial Cell Migration. Traffic, 2010, 11, 1107-1118.	2.7	35
93	Increased Expression of Î±6 Integrin in Endothelial Cells Unveils a Proangiogenic Role for Basement Membrane. Cancer Research, 2010, 70, 5759-5769.	0.9	60
94	Integrin signaling and lung cancer. Cell Adhesion and Migration, 2010, 4, 124-129.	2.7	47
95	Role of the microenvironment in the specification of endothelial progenitors derived from embryonic stem cells. Microvascular Research, 2010, 79, 178-183.	2.5	16
96	Microenvironment drives the endothelial or neural fate of differentiating embryonic stem cells coexpressing neuropilinâ€1 and Flkâ€1. FASEB Journal, 2009, 23, 68-78.	0.5	17
97	The synaptic proteins neurexins and neuroligins are widely expressed in the vascular system and contribute to its functions. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20782-20787.	7.1	55
98	Semaphorin 3A is an endogenous angiogenesis inhibitor that blocks tumor growth and normalizes tumor vasculature in transgenic mouse models. Journal of Clinical Investigation, 2009, 119, 3356-72.	8.2	167
99	Neuropilin-1/GIPC1 Signaling Regulates Î±5Î²1 Integrin Traffic and Function in Endothelial Cells. PLoS Biology, 2009, 7, e1000025.	5.6	246
100	Semaphorins and tumor angiogenesis. Angiogenesis, 2009, 12, 187-193.	7.2	46
101	Fluorescence anisotropy analysis of proteinâ€“antibody interaction. Dyes and Pigments, 2009, 83, 225-229.	3.7	18
102	A study of the interaction between fluorescein sodium salt and bovine serum albumin by steady-state fluorescence. Dyes and Pigments, 2009, 80, 307-313.	3.7	132
103	LXR-activating oxysterols induce the expression of inflammatory markers in endothelial cells through LXR-independent mechanisms. Atherosclerosis, 2009, 207, 38-44.	0.8	64
104	Sorafenib blocks tumour growth, angiogenesis and metastatic potential in preclinical models of osteosarcoma through a mechanism potentially involving the inhibition of ERK1/2, MCL-1 and ezrin pathways. Molecular Cancer, 2009, 8, 118.	19.2	159
105	Angiogenesis: aÂbalancing act between integrin activation andÂinhibition?. European Cytokine Network, 2009, 20, 191-196.	2.0	9
106	On the Use of Stochastic Petri Nets in the Analysis of Signal Transduction Pathways for Angiogenesis Process. Lecture Notes in Computer Science, 2009, , 281-295.	1.3	14
107	VRG: A database of vascular dysfunctions related genes. Computers and Mathematics With Applications, 2008, 55, 1068-1073.	2.7	1
108	Diacylglycerol kinase-Î± phosphorylation by Src on Y335 is required for activation, membrane recruitment and Hgf-induced cell motility. Oncogene, 2008, 27, 942-956.	5.9	50

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109	Besides adhesion: new perspectives of integrin functions in angiogenesis. Cardiovascular Research, 2008, 78, 213-222.	3.8	55
110	Integrins team up with tyrosine kinase receptors and plexins to control angiogenesis. Current Opinion in Hematology, 2008, 15, 235-242.	2.5	25
111	A Simulation Environment for Directional Sensing as a Phase Separation Process. Science's STKE: Signal Transduction Knowledge Environment, 2007, 2007, pl1-pl1.	3.9	6
112	Essential role of PDK1 in regulating endothelial cell migration. Journal of Cell Biology, 2007, 176, 1035-1047.	5.2	75
113	Comparative Genome Analysis of the Neurexin Gene Family in Danio rerio: Insights into Their Functions and Evolution. Molecular Biology and Evolution, 2007, 24, 236-252.	8.9	38
114	Osteopontin Overexpression Inhibits in Vitro Re-endothelialization via Integrin Engagement. Journal of Biological Chemistry, 2007, 282, 19676-19684.	3.4	27
115	A new computational approach to analyze human protein complexes and predict novel protein interactions. Genome Biology, 2007, 8, R256.	9.6	8
116	Integrins: A flexible platform for endothelial vascular tyrosine kinase receptors. Autoimmunity Reviews, 2007, 7, 18-22.	5.8	17
117	Embryonic cleavage modeling as a computational approach to sphere packing problem. Journal of Theoretical Biology, 2007, 245, 77-82.	1.7	4
118	Integrins and angiogenesis: A sticky business. Experimental Cell Research, 2006, 312, 651-658.	2.6	186
119	Loss of inhibitory semaphorin 3A (SEMA3A) autocrine loops in bone marrow endothelial cells of patients with multiple myeloma. Blood, 2006, 108, 1661-1667.	1.4	79
120	Small Molecule Approaches for Promoting Ischemic Tissue Vascularization. Circulation Research, 2006, 99, 231-233.	4.5	1
121	Type I Collagen Limits VEGFR-2 Signaling by a SHP2 Protein-Tyrosine Phosphataseâ€“Dependent Mechanism 1. Circulation Research, 2006, 98, 45-54.	4.5	55
122	Semaphoring Vascular Morphogenesis. Endothelium: Journal of Endothelial Cell Research, 2006, 13, 81-91.	1.7	49
123	A Computational Model for Eukaryotic Directional Sensing. Lecture Notes in Computer Science, 2006, , 184-195.	1.3	0
124	Inhibition of vascular endothelial growth factor receptor 2â€“mediated endothelial cell activation by Axl tyrosine kinase receptor. Blood, 2005, 105, 1970-1976.	1.4	98
125	Cell surface-associated Tat modulates HIV-1 infection and spreading through a specific interaction with gp120 viral envelope protein. Blood, 2005, 105, 2802-2811.	1.4	44
126	Sema4D induces angiogenesis through Met recruitment by Plexin B1. Blood, 2005, 105, 4321-4329.	1.4	226

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127	Direct recruitment of CRK and GRB2 to VEGFR-3 induces proliferation, migration, and survival of endothelial cells through the activation of ERK, AKT, and JNK pathways. Blood, 2005, 106, 3423-3431.	1.4	153
128	Gorham-Stout Syndrome: A Monocyte-Mediated Cytokine Propelled Disease. Journal of Bone and Mineral Research, 2005, 21, 207-218.	2.8	64
129	Stable interaction between Î±5Î²1 integrin and Tie2 tyrosine kinase receptor regulates endothelial cell response to Ang-1. Journal of Cell Biology, 2005, 170, 993-1004.	5.2	162
130	Diffusion-limited phase separation in eukaryotic chemotaxis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16927-16932.	7.1	85
131	Identification of CD36 molecular features required for its in vitro angiostatic activity. FASEB Journal, 2005, 19, 1713-1715.	0.5	73
132	A Review of Vasculogenesis Models. Journal of Theoretical Medicine, 2005, 6, 1-19.	0.5	64
133	Involvement of chemokine receptor 4/stromal cell-derived factor 1 system during osteosarcoma tumor progression. Clinical Cancer Research, 2005, 11, 490-7.	7.0	83
134	Vasculogenic potential of long term repopulating cord blood progenitors. FASEB Journal, 2004, 18, 1273-1275.	0.5	20
135	Human Immunodeficiency Virus Type 1 Tat Regulates Endothelial Cell Actin Cytoskeletal Dynamics through PAK1 Activation and Oxidant Production. Journal of Virology, 2004, 78, 779-789.	3.4	58
136	Adaptor ShcA Protein Binds Tyrosine Kinase Tie2 Receptor and Regulates Migration and Sprouting but Not Survival of Endothelial Cells. Journal of Biological Chemistry, 2004, 279, 13224-13233.	3.4	44
137	Common Cues in Vascular and Axon Guidance. Physiology, 2004, 19, 348-354.	3.1	39
138	Activation of diacylglycerol kinase Î± is required for VEGF-induced angiogenic signaling in vitro. Oncogene, 2004, 23, 4828-4838.	5.9	69
139	Aminopeptidase A is a functional target in angiogenic blood vessels. Cancer Cell, 2004, 5, 151-162.	16.8	132
140	CCL16 activates an angiogenic program in vascular endothelial cells. Blood, 2004, 103, 40-49.	1.4	85
141	Modeling the early stages of vascular network assembly. EMBO Journal, 2003, 22, 1771-1779.	7.8	280
142	Angiopoietin-2 expression in breast cancer correlates with lymph node invasion and short survival. International Journal of Cancer, 2003, 103, 466-474.	5.1	182
143	Insulin-like growth factor binding protein-3 is overexpressed in endothelial cells of mouse breast tumor vessels. International Journal of Cancer, 2003, 103, 577-586.	5.1	26
144	Class 3 semaphorins control vascular morphogenesis by inhibiting integrin function. Nature, 2003, 424, 391-397.	27.8	546

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145	Percolation, Morphogenesis, and Burgers Dynamics in Blood Vessels Formation. Physical Review Letters, 2003, 90, 118101.	7.8	222
146	IL-12 Regulates an Endothelial Cell-Lymphocyte Network: Effect on Metalloproteinase-9 Production. Journal of Immunology, 2003, 171, 3725-3733.	0.8	56
147	Temporal and Spatial Modulation of Rho GTPases during in Vitro Formation of Capillary Vascular Network. Journal of Biological Chemistry, 2003, 278, 50702-50713.	3.4	64
148	Tumor-host interaction mediates the regression of BK virus-induced vascular tumors in mice: involvement of transforming growth factor-Â1. Carcinogenesis, 2003, 24, 1435-1444.	2.8	8
149	Tie-2â€"dependent activation of RhoA and Rac1 participates in endothelial cell motility triggered by angiopoietin-1. Blood, 2003, 102, 2482-2490.	1.4	57
150	Hyperthermia inhibits angiogenesis by a plasminogen activator inhibitor 1-dependent mechanism. Cancer Research, 2003, 63, 1500-7.	0.9	58
151	Ghrelin and des-acyl ghrelin inhibit cell death in cardiomyocytes and endothelial cells through ERK1/2 and PI 3-kinase/AKT. Journal of Cell Biology, 2002, 159, 1029-1037.	5.2	673
152	In vivoactivation of JAK2/STATâ€3 pathway during angiogenesis induced by GMâ€CSF. FASEB Journal, 2002, 16, 1-19.	0.5	126
153	Recombinant AAV vector encoding human VEGF165 enhances wound healing. Gene Therapy, 2002, 9, 777-785.	4.5	123
154	HIV protease inhibitors are potent anti-angiogenic molecules and promote regression of Kaposi sarcoma. Nature Medicine, 2002, 8, 225-232.	30.7	299
155	Involvement of a serine protease, but not of neutrophil elastase, in tumor necrosis factor-induced lethal hepatitis and induction of platelet-activating factor. Journal of Hepatology, 2001, 35, 490-497.	3.7	7
156	Interactions between endothelial cells and HIV-1. International Journal of Biochemistry and Cell Biology, 2001, 33, 371-390.	2.8	59
157	Tat-induced platelet-activating factor synthesis contributes to the angiogenic effect of HIV-1 Tat. European Journal of Immunology, 2001, 31, 376-383.	2.9	23
158	Dynamic modules and heterogeneity of function: a lesson from tyrosine kinase receptors in endothelial cells. EMBO Reports, 2001, 2, 763-767.	4.5	25
159	IL-12 Inhibition of Endothelial Cell Functions and Angiogenesis Depends on Lymphocyte-Endothelial Cell Cross-Talk. Journal of Immunology, 2001, 166, 3890-3899.	0.8	157
160	Cytoadherence ofPlasmodium falciparum-Infected Erythrocytes Is Mediated by a Redox-Dependent Conformational Fraction of CD36. Journal of Immunology, 2001, 167, 6510-6517.	0.8	19
161	Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 536-541.	2.4	50
162	HIV-1 Tat Protein Stimulates In Vivo Vascular Permeability and Lymphomononuclear Cell Recruitment. Journal of Immunology, 2001, 166, 1380-1388.	0.8	58

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163	Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated derivative. Journal of Inorganic Biochemistry, 2000, 81, 229-237.	3.5	27
164	Human endothelial cells expressing polyoma middle T induce tumors. Oncogene, 2000, 19, 3632-3641.	5.9	24
165	Identification of Specific Molecular Structures of Human Immunodeficiency Virus Type 1 Tat Relevant for Its Biological Effects on Vascular Endothelial Cells. Journal of Virology, 2000, 74, 344-353.	3.4	62
166	Human Immunodeficiency Virus Transactivator Protein (Tat) Stimulates Chemotaxis, Calcium Mobilization, and Activation of Human Polymorphonuclear Leukocytes: Implications for Tatâ€Mediated Pathogenesis. Journal of Infectious Diseases, 2000, 182, 1643-1651.	4.0	70
167	Aberrantly glycosylated IgA molecules downregulate the synthesis and secretion of vascular endothelial growth factor in human mesangial cells. American Journal of Kidney Diseases, 2000, 36, 1242-1252.	1.9	45
168	Bone Marrow Neovascularization, Plasma Cell Angiogenic Potential, and Matrix Metalloproteinase-2 Secretion Parallel Progression of Human Multiple Myeloma. Blood, 1999, 93, 3064-3073.	1.4	537
169	c-fos-induced growth factor/vascular endothelial growth factor D induces angiogenesis in vivo and in vitro. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 9671-9676.	7.1	240
170	Vascular Endothelial Growth Factor-C Stimulates the Migration and Proliferation of Kaposi's Sarcoma Cells. Journal of Biological Chemistry, 1999, 274, 27617-27622.	3.4	86
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