Federico Bussolino

List of Publications by Year
in descending order

247 papers	19,686 citations	14653 66 h-index	12272 133 g-index
253 all docs	253 docs citations	253 times ranked	21962 citing authors

#	Article	IF	Citations
1	Hepatocyte growth factor is a potent angiogenic factor which stimulates endothelial cell motility and growth.. Journal of Cell Biology, 1992, 119, 629-641.	5.2	1,282
2	Role of IL-6 and Its Soluble Receptor in Induction of Chemokines and Leukocyte Recruitment. Immunity, 1997, 6, 315-325.	14.3	1,022
3	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
4	Cytokine regulation of endothelial cell function. FASEB Journal, 1992, 6, 2591-2599.	0.5	643
5	Granulocyte- and granulocyteâ€“ macrophage-colony stimulating factors induce human endothelial cells to migrate and proliferate. Nature, 1989, 337, 471-473.	27.8	640
6	Role of Î±vÎ²3 integrin in the activation of vascular endothelial growth factor receptor-2. EMBO Journal, 1999, 18, 882-892.	7.8	562
7	Class 3 semaphorins control vascular morphogenesis by inhibiting integrin function. Nature, 2003, 424, 391-397.	27.8	546
8	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
9	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	7.2	429
10	Molecular mechanisms of blood vessel formation. Trends in Biochemical Sciences, 1997, 22, 251-256.	7.5	410
11	Cytokine regulation of endothelial cell function: from molecular level to the bedside. Trends in Immunology, 1997, 18, 231-240.	7.5	370
12	The angiogenesis induced by HIVâ€“1 Tat protein is mediated by the Flkâ€“1/KDR receptor on vascular endothelial cells. Nature Medicine, 1996, 2, 1371-1375.	30.7	363
13	HIV protease inhibitors are potent anti-angiogenic molecules and promote regression of Kaposi sarcoma. Nature Medicine, 2002, 8, 225-232.	30.7	299
14	In vitro and in vivo activation of endothelial cells by colony-stimulating factors.. Journal of Clinical Investigation, 1991, 87, 986-995.	8.2	281
15	Modeling the early stages of vascular network assembly. EMBO Journal, 2003, 22, 1771-1779.	7.8	280
16	Neuropilin-1/GIPC1 Signaling Regulates Î±5Î²1 Integrin Traffic and Function in Endothelial Cells. PLoS Biology, 2009, 7, e1000025.	5.6	246
17	The molecular action of tumor necrosis factorâ€Î±. FEBS Journal, 1991, 202, 3-14.	0.2	240
18	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

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19	Tumor Necrosis Factor-Î± Regulates Expression of Vascular Endothelial Growth Factor Receptor-2 and of Its Co-receptor Neuropilin-1 in Human Vascular Endothelial Cells. Journal of Biological Chemistry, 1998, 273, 22128-22135.	3.4	232
20	Sema4D induces angiogenesis through Met recruitment by Plexin B1. Blood, 2005, 105, 4321-4329.	1.4	226
21	Percolation, Morphogenesis, and Burgers Dynamics in Blood Vessels Formation. Physical Review Letters, 2003, 90, 118101.	7.8	222
22	Naturally occurring anti-band-3 antibodies and complement together mediate phagocytosis of oxidatively stressed human erythrocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 7368-7372.	7.1	216
23	Integrins and angiogenesis: A sticky business. Experimental Cell Research, 2006, 312, 651-658.	2.6	186
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	Tumor necrosis factor alpha-induced angiogenesis depends on in situ platelet-activating factor biosynthesis.. Journal of Experimental Medicine, 1994, 180, 377-382.	8.5	144
32	Aminopeptidase A is a functional target in angiogenic blood vessels. Cancer Cell, 2004, 5, 151-162.	16.8	132
33	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
34	Is there a case for PAF antagonists in the treatment of ischemie states?. Trends in Pharmacological Sciences, 1989, 10, 23-30.	8.7	129
35	In vivoactivation of JAK2/STATâ€3 pathway during angiogenesis induced by GMâ€CSF. FASEB Journal, 2002, 16, 1-19.	0.5	126
36	Recombinant AAV vector encoding human VEGF165 enhances wound healing. Gene Therapy, 2002, 9, 777-785.	4.5	123

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37	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	119
38	Endothelial podosome rosettes regulate vascular branching in tumour angiogenesis. Nature Cell Biology, 2014, 16, 931-941.	10.3	107
39	Tatâ€“Human Immunodeficiency Virus-1 Induces Human Monocyte Chemotaxis by Activation of Vascular Endothelial Growth Factor Receptor-1. Blood, 1997, 90, 1365-1372.	1.4	103
40	Role of Cytokines and Platelet-Activating Factor in Microvascular Immune Injury. International Archives of Allergy and Immunology, 1989, 88, 88-100.	2.1	99
41	KRAS-Driven Metabolic Rewiring Reveals Novel Actionable Targets in Cancer. Frontiers in Oncology, 2019, 9, 848.	2.8	99
42	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
43	Platelet activating factor produced in vitro by Kaposi's sarcoma cells induces and sustains in vivo angiogenesis.. Journal of Clinical Investigation, 1995, 96, 940-952.	8.2	98
44	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
45	Erythrocyte stages of Plasmodium falciparum exhibit a high nitric oxide synthase (NOS) activity and release an NOS-inducing soluble factor.. Journal of Experimental Medicine, 1995, 182, 677-688.	8.5	96
46	In Vivo Activation ofmetTyrosine Kinase by Heterodimeric Hepatocyte Growth Factor Molecule Promotes Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1857-1865.	2.4	89
47	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
48	Interleukin 1 stimulates platelet activating factor production in cultured human endothelial cells. Pharmacological Research Communications, 1986, 18, 133-137.	0.2	85
49	Human lymphoblastoid cells produce extracellular matrix-degrading enzymes and induce endothelial cell proliferation, migration, morphogenesis, and angiogenesis. International Journal of Clinical and Laboratory Research, 1998, 28, 55-68.	1.0	85
50	CCL16 activates an angiogenic program in vascular endothelial cells. Blood, 2004, 103, 40-49.	1.4	85
51	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
52	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
53	Antiinflammatory peptides (antiflammins) inhibit synthesis of platelet-activating factor, neutrophil aggregation and chemotaxis, and intradermal inflammatory reactions.. Journal of Experimental Medicine, 1990, 171, 913-927.	8.5	82
54	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

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55	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
56	Acetylcholine-induced production of platelet-activating factor by human fetal brain cells in culture. Journal of Neuroscience Research, 1990, 27, 706-711.	2.9	77
57	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
58	Essential role of PDK1 in regulating endothelial cell migration. Journal of Cell Biology, 2007, 176, 1035-1047.	5.2	75
59	Identification of CD36 molecular features required for its in vitro angiostatic activity. FASEB Journal, 2005, 19, 1713-1715.	0.5	73
60	MicroRNA-mediated regulatory circuits: outlook and perspectives. Physical Biology, 2017, 14, 045001.	1.8	73
61	Release of Platelet-Activating Factor in Systemic Lupus erythematosus. International Archives of Allergy and Immunology, 1990, 91, 244-256.	2.1	72
62	Platelet activating factor is elevated in cerebral spinal fluid and plasma of patients with relapsingâ€“remitting multiple sclerosis. Journal of Neuroimmunology, 1999, 94, 212-221.	2.3	71
63	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
64	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
65	Activation of diacylglycerol kinase Î± is required for VEGF-induced angiogenic signaling in vitro. Oncogene, 2004, 23, 4828-4838.	5.9	69
66	Platelet-Activating Factor Produced by Endothelial Cells. A Molecule with Autocrine and Paracrine Properties. FEBS Journal, 1995, 229, 327-337.	0.2	67
67	Proliferative and migratory responses of murine microvascular endothelial cells to granulocyte-colony-stimulating factor. Journal of Cellular Physiology, 1993, 155, 89-95.	4.1	66
68	Therapy for Cancer: Strategy of Combining Anti-Angiogenic and Target Therapies. Frontiers in Cell and Developmental Biology, 2017, 5, 101.	3.7	65
69	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
70	Gorham-Stout Syndrome: A Monocyte-Mediated Cytokine Propelled Disease. Journal of Bone and Mineral Research, 2005, 21, 207-218.	2.8	64
71	A Review of Vasculogenesis Models. Journal of Theoretical Medicine, 2005, 6, 1-19.	0.5	64
72	LXR-activating oxysterols induce the expression of inflammatory markers in endothelial cells through LXR-independent mechanisms. Atherosclerosis, 2009, 207, 38-44.	0.8	64

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73	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
74	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
75	Modeling human tumor angiogenesis in a three-dimensional culture system. Blood, 2013, 121, e129-e137.	1.4	64
76	Differential Expression of the Common Î² and Specific Î± Chains of the Receptors for GM-CSF, IL-3, and IL-5 in Endothelial Cells. Experimental Cell Research, 1993, 206, 311-317.	2.6	63
77	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
78	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
79	Tumor necrosis factor stimulates human neutrophils to release leukotriene B4 and platelet-activating factor. Induction of phospholipase A2 and acetyl-CoA:1-alkyl-sn-glycero-3-phosphocholine O2-acetyltransferase activity and inhibition by antiproteinase. FEBS Journal, 1989, 182, 661-666.	0.2	60
80	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
81	Bioengineered tumoral microtissues recapitulate desmoplastic reaction of pancreatic cancer. Acta Biomaterialia, 2017, 49, 152-166.	8.3	60
82	Interactions between endothelial cells and HIV-1. International Journal of Biochemistry and Cell Biology, 2001, 33, 371-390.	2.8	59
83	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
84	HIV-1 Tat Protein Stimulates In Vivo Vascular Permeability and Lymphomononuclear Cell Recruitment. Journal of Immunology, 2001, 166, 1380-1388.	0.8	58
85	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
86	Integration of microfluidic and cantilever technology for biosensing application in liquid environment. Biosensors and Bioelectronics, 2010, 26, 1565-1570.	10.1	58
87	Hyperthermia inhibits angiogenesis by a plasminogen activator inhibitor 1-dependent mechanism. Cancer Research, 2003, 63, 1500-7.	0.9	58
88	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
89	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
90	IL-12 Regulates an Endothelial Cell-Lymphocyte Network: Effect on Metalloproteinase-9 Production. Journal of Immunology, 2003, 171, 3725-3733.	0.8	56

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91	A Fluorescent One-Dimensional Photonic Crystal for Label-Free Biosensing Based on Bloch Surface Waves. Sensors, 2013, 13, 2011-2022.	3.8	56
92	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
93	A possible role for nitric oxide in modulating the functional cyclosporine toxicity by arginine. Kidney International, 1995, 47, 1507-1514.	5.2	55
94	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
95	Besides adhesion: new perspectives of integrin functions in angiogenesis. Cardiovascular Research, 2008, 78, 213-222.	3.8	55
96	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
97	Angiopoietin-like 7, a novel pro-angiogenetic factor over-expressed in cancer. Angiogenesis, 2014, 17, 881-896.	7.2	55
98	<scp>TFEB</scp> controls vascular development by regulating the proliferation of endothelial cells. EMBO Journal, 2019, 38, .	7.8	55
99	Acetylcholine and Dopamine Promote the Production of Platelet Activating Factor in Immature Cells of Chick Embryonic Retina. Journal of Neurochemistry, 1988, 51, 1755-1759.	3.9	51
100	Neurexins and neuroligins: synapses look out of the nervous system. Cellular and Molecular Life Sciences, 2011, 68, 2655-2666.	5.4	51
101	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
102	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
103	Tumor Necrosis Factor Alters Cytoskeletal Organization and Barrier Function of Endothelial Cells. International Archives of Allergy and Immunology, 1991, 96, 84-91.	2.1	50
104	Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 536-541.	2.4	50
105	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
106	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
107	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
108	Intravascular release of platelet activating factor in children with sepsis. Thrombosis Research, 1987, 48, 619-620.	1.7	49

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109	Human monocyte-derived and CD34+cell-derived dendritic cells express functional receptors for platelet activating factor. FEBS Letters, 1997, 418, 98-100.	2.8	49
110	Semaphoring Vascular Morphogenesis. Endothelium: Journal of Endothelial Cell Research, 2006, 13, 81-91.	1.7	49
111	Development of microcantilever-based biosensor array to detect Angiopoietin-1, a marker of tumor angiogenesisâˆ†. Biosensors and Bioelectronics, 2010, 25, 1193-1198.	10.1	47
112	Integrin signaling and lung cancer. Cell Adhesion and Migration, 2010, 4, 124-129.	2.7	47
113	Tumor progression: the neuronal input. Annals of Translational Medicine, 2018, 6, 89-89.	1.7	47
114	Semaphorins and tumor angiogenesis. Angiogenesis, 2009, 12, 187-193.	7.2	46
115	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
116	Nitrovasodilators inhibit thrombin-induced platelet-activating factor synthesis in human endothelial cells. Biochemical Pharmacology, 1992, 44, 223-229.	4.4	44
117	Streptokinase induces intravascular release of platelet-activating factor in patients with acute myocardial infarction and stimulates its synthesis by cultured human endothelial cells.. Circulation, 1993, 88, 1476-1483.	1.6	44
118	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
119	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
120	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
121	PDK1-mediated activation of MRCKÎ± regulates directional cell migration and lamellipodia retraction. Journal of Cell Biology, 2014, 206, 415-434.	5.2	43
122	Activation of JAK2 in Human Vascular Endothelial Cells by Granulocyte-Macrophage Colony-Stimulating Factor. Blood, 1997, 89, 863-872.	1.4	42
123	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
124	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
125	Potential Diagnostic and Prognostic Role of Microenvironment in Malignant Pleural Mesothelioma. Journal of Thoracic Oncology, 2019, 14, 1458-1471.	1.1	41
126	Tumor necrosis factor induces contraction of mesangial cells and alters their cytoskeletons. Kidney International, 1990, 38, 795-802.	5.2	40

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127	Protein kinase C and cyclic AMP modulate thrombin-induced platelet-activating factor synthesis in human endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1991, 1093, 55-64.	4.1	40
128	Synergism Between Platelet Activating Factor and C-C Chemokines for Arachidonate Release in Human Monocytes. Biochemical and Biophysical Research Communications, 1994, 199, 761-766.	2.1	40
129	Common Cues in Vascular and Axon Guidance. Physiology, 2004, 19, 348-354.	3.1	39
130	Middle T antigen-transformed endothelial cells exhibit an increased activity of nitric oxide synthase.. Journal of Experimental Medicine, 1995, 181, 9-19.	8.5	38
131	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
132	Class 3 semaphorins: physiological vascular normalizing agents for antiâ€¢cancer therapy. Journal of Internal Medicine, 2013, 273, 138-155.	6.0	37
133	Recent developments in the cell biology of granulocyte-macrophage colony-stimulating factor and granulocyte colony-stimulating factor: activities on endothelial cells. International Journal of Clinical and Laboratory Research, 1993, 23, 8-12.	1.0	36
134	<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
135	Platelet-activating factor production by human fetal microglia. Molecular and Chemical Neuropathology, 1995, 24, 95-106.	1.0	35
136	Protein Kinase D1 Regulates VEGF-A-Induced Î±vÎ²3 Integrin Trafficking and Endothelial Cell Migration. Traffic, 2010, 11, 1107-1118.	2.7	35
137	A regulatory microRNA network controls endothelial cell phenotypic switch during sprouting angiogenesis. ELife, 2020, 9, .	6.0	35
138	Platelet activating factor interaction with tumor necrosis factor and myocardial depressant factor in splanchnic artery occlusion shock. European Journal of Pharmacology, 1992, 222, 13-19.	3.5	34
139	Platelet-Activating Factor â€“ A Powerful Lipid Autacoid Possibly Involved in Microangiopathy. Acta Haematologica, 1986, 75, 129-140.	1.4	31
140	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
141	Neuroligin 1 Induces Blood Vessel Maturation by Cooperating with the Î±6 Integrin. Journal of Biological Chemistry, 2014, 289, 19466-19476.	3.4	31
142	Involvement of a serine protease in the synthesis of platelet-activating factor by endothelial cells stimulated by tumor necrosis factor-Î± or interleukin-1Î±. European Journal of Immunology, 1994, 24, 3131-3139.	2.9	30
143	Unraveling the influence of endothelial cell density on VEGF-A signaling. Blood, 2012, 119, 5599-5607.	1.4	30
144	Neutropenia induced by platelet-activating factor (PAF-acether) released from neutrophils: The inhibitory effect of prostacyclin (PGI2). Agents and Actions, 1981, 11, 550-553.	0.7	29

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145	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
146	Multifaceted activities of transcription factor EB in cancer onset and progression. Molecular Oncology, 2021, 15, 327-346.	4.6	29
147	Real-time monitoring of cell protrusion dynamics by impedance responses. Scientific Reports, 2015, 5, 10206.	3.3	28
148	Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated derivative. Journal of Inorganic Biochemistry, 2000, 81, 229-237.	3.5	27
149	Osteopontin Overexpression Inhibits in Vitro Re-endothelialization via Integrin Engagement. Journal of Biological Chemistry, 2007, 282, 19676-19684.	3.4	27
150	Nervous vascular parallels: axon guidance and beyond. International Journal of Developmental Biology, 2011, 55, 439-445.	0.6	27
151	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
152	Nanomedicine for Imaging and Therapy of Pancreatic Adenocarcinoma. Frontiers in Bioengineering and Biotechnology, 2019, 7, 307.	4.1	27
153	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
154	Measurement of phagocytosis utilizing [14C]cyanate-labelled human red cells and monocytes. British Journal of Haematology, 1987, 66, 271-275.	2.5	25
155	Dynamic modules and heterogeneity of function: a lesson from tyrosine kinase receptors in endothelial cells. EMBO Reports, 2001, 2, 763-767.	4.5	25
156	Integrins team up with tyrosine kinase receptors and plexins to control angiogenesis. Current Opinion in Hematology, 2008, 15, 235-242.	2.5	25
157	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
158	Human Immunodeficiency Virus-1 (HIV-1)-Tat Protein Promotes Migration of Acquired Immunodeficiency Syndromeâ€"Related Lymphoma Cells and Enhances Their Adhesion to Endothelial Cells. Blood, 1999, 94, 1747-1754.	1.4	25
159	Effect of prostacyclin on platelet-activating factor induced rabbit platelet aggregation. Prostaglandins, 1980, 20, 781-791.	1.2	24
160	Human endothelial cells expressing polyoma middle T induce tumors. Oncogene, 2000, 19, 3632-3641.	5.9	24
161	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
162	SPAD aptasensor for the detection of circulating protein biomarkers. Biosensors and Bioelectronics, 2015, 68, 500-507.	10.1	24

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163	Platelet-activating factor-mediated contraction of rabbit lung strips: Pharmacologic modulation. Immunopharmacology, 1983, 6, 87-96.	2.0	23
164	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
165	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
166	An antiâ€inflammatory protein secreted from the rat seminal vesicle epithelium inhibits the synthesis of plateletâ€activating factor and the release of arachidonic acid and prostacyclin. FEBS Journal, 1990, 192, 481-485.	0.2	21
167	Dictyostelium cells produce platelet-activating factor in response to cAMP. FEBS Journal, 1991, 196, 609-615.	0.2	21
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