

Federico Bussolino

List of Publications by Year in descending order

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247
papers

19,686
citations

14614

66
h-index

12233

133
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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.	2.3	1,282
2	Role of IL-6 and Its Soluble Receptor in Induction of Chemokines and Leukocyte Recruitment. Immunity, 1997, 6, 315-325.	6.6	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.	2.3	673
4	Cytokine regulation of endothelial cell function. FASEB Journal, 1992, 6, 2591-2599.	0.2	643
5	Granulocyte- and granulocyteâ€“ macrophage-colony stimulating factors induce human endothelial cells to migrate and proliferate. Nature, 1989, 337, 471-473.	13.7	640
6	Role of α _v β ₃ integrin in the activation of vascular endothelial growth factor receptor-2. EMBO Journal, 1999, 18, 882-892.	3.5	562
7	Class 3 semaphorins control vascular morphogenesis by inhibiting integrin function. Nature, 2003, 424, 391-397.	13.7	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.	0.6	537
9	Consensus guidelines for the use and interpretation of angiogenesis assays. Angiogenesis, 2018, 21, 425-532.	3.7	429
10	Molecular mechanisms of blood vessel formation. Trends in Biochemical Sciences, 1997, 22, 251-256.	3.7	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.	15.2	363
13	HIV protease inhibitors are potent anti-angiogenic molecules and promote regression of Kaposi sarcoma. Nature Medicine, 2002, 8, 225-232.	15.2	299
14	In vitro and in vivo activation of endothelial cells by colony-stimulating factors.. Journal of Clinical Investigation, 1991, 87, 986-995.	3.9	281
15	Modeling the early stages of vascular network assembly. EMBO Journal, 2003, 22, 1771-1779.	3.5	280
16	Neuropilin-1/GIPC1 Signaling Regulates α _v β ₁ Integrin Traffic and Function in Endothelial Cells. PLoS Biology, 2009, 7, e1000025.	2.6	246
17	The molecular action of tumor necrosis factor-alpha. 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.	3.3	240

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19	Tumor Necrosis Factor- α Regulates Expression of Vascular Endothelial Growth Factor Receptor-2 and of Its Co-receptor Neuropilin-1 in Human Vascular Endothelial Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 22128-22135.	1.6	232
20	Sema4D induces angiogenesis through Met recruitment by Plexin B1. <i>Blood</i> , 2005, 105, 4321-4329.	0.6	226
21	Percolation, Morphogenesis, and Burgers Dynamics in Blood Vessels Formation. <i>Physical Review Letters</i> , 2003, 90, 118101.	2.9	222
22	Naturally occurring anti-band-3 antibodies and complement together mediate phagocytosis of oxidatively stressed human erythrocytes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 7368-7372.	3.3	216
23	Integrins and angiogenesis: A sticky business. <i>Experimental Cell Research</i> , 2006, 312, 651-658.	1.2	186
24	Angiopoietin-2 expression in breast cancer correlates with lymph node invasion and short survival. <i>International Journal of Cancer</i> , 2003, 103, 466-474.	2.3	182
25	Semaphorin 3A is an endogenous angiogenesis inhibitor that blocks tumor growth and normalizes tumor vasculature in transgenic mouse models. <i>Journal of Clinical Investigation</i> , 2009, 119, 3356-72.	3.9	167
26	Stable interaction between $\alpha_5\beta_1$ integrin and Tie2 tyrosine kinase receptor regulates endothelial cell response to Ang-1. <i>Journal of Cell Biology</i> , 2005, 170, 993-1004.	2.3	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. <i>Molecular Cancer</i> , 2009, 8, 118.	7.9	159
28	IL-12 Inhibition of Endothelial Cell Functions and Angiogenesis Depends on Lymphocyte-Endothelial Cell Cross-Talk. <i>Journal of Immunology</i> , 2001, 166, 3890-3899.	0.4	157
29	Semaphorin 3A overcomes cancer hypoxia and metastatic dissemination induced by antiangiogenic treatment in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1832-1848.	3.9	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. <i>Blood</i> , 2005, 106, 3423-3431.	0.6	153
31	Tumor necrosis factor alpha-induced angiogenesis depends on in situ platelet-activating factor biosynthesis.. <i>Journal of Experimental Medicine</i> , 1994, 180, 377-382.	4.2	144
32	Aminopeptidase A is a functional target in angiogenic blood vessels. <i>Cancer Cell</i> , 2004, 5, 151-162.	7.7	132
33	A study of the interaction between fluorescein sodium salt and bovine serum albumin by steady-state fluorescence. <i>Dyes and Pigments</i> , 2009, 80, 307-313.	2.0	132
34	Is there a case for PAF antagonists in the treatment of ischemic states?. <i>Trends in Pharmacological Sciences</i> , 1989, 10, 23-30.	4.0	129
35	In vivo activation of JAK2/STAT3 pathway during angiogenesis induced by GM-CSF. <i>FASEB Journal</i> , 2002, 16, 1-19.	0.2	126
36	Recombinant AAV vector encoding human VEGF165 enhances wound healing. <i>Gene Therapy</i> , 2002, 9, 777-785.	2.3	123

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37	Bone Marrow Neovascularization, Plasma Cell Angiogenic Potential, and Matrix Metalloproteinase-2 Secretion Parallel Progression of Human Multiple Myeloma. <i>Blood</i> , 1999, 93, 3064-3073.	0.6	119
38	Endothelial podosome rosettes regulate vascular branching in tumour angiogenesis. <i>Nature Cell Biology</i> , 2014, 16, 931-941.	4.6	107
39	Tatâ€“Human Immunodeficiency Virus-1 Induces Human Monocyte Chemotaxis by Activation of Vascular Endothelial Growth Factor Receptor-1. <i>Blood</i> , 1997, 90, 1365-1372.	0.6	103
40	Role of Cytokines and Platelet-Activating Factor in Microvascular Immune Injury. <i>International Archives of Allergy and Immunology</i> , 1989, 88, 88-100.	0.9	99
41	KRAS-Driven Metabolic Rewiring Reveals Novel Actionable Targets in Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 848.	1.3	99
42	Inhibition of vascular endothelial growth factor receptor 2â€“mediated endothelial cell activation by Axl tyrosine kinase receptor. <i>Blood</i> , 2005, 105, 1970-1976.	0.6	98
43	Platelet activating factor produced in vitro by Kaposi's sarcoma cells induces and sustains in vivo angiogenesis.. <i>Journal of Clinical Investigation</i> , 1995, 96, 940-952.	3.9	98
44	The R-Ras/RIN2/Rab5 complex controls endothelial cell adhesion and morphogenesis via active integrin endocytosis and Rac signaling. <i>Cell Research</i> , 2012, 22, 1479-1501.	5.7	97
45	Erythrocyte stages of Plasmodium falciparum exhibit a high nitric oxide synthase (NOS) activity and release an NOS-inducing soluble factor.. <i>Journal of Experimental Medicine</i> , 1995, 182, 677-688.	4.2	96
46	In Vivo Activation of <i>met</i> Tyrosine Kinase by Heterodimeric Hepatocyte Growth Factor Molecule Promotes Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1857-1865.	1.1	89
47	Vascular Endothelial Growth Factor-C Stimulates the Migration and Proliferation of Kaposi's Sarcoma Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 27617-27622.	1.6	86
48	Interleukin 1 stimulates platelet activating factor production in cultured human endothelial cells. <i>Pharmacological Research Communications</i> , 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. <i>International Journal of Clinical and Laboratory Research</i> , 1998, 28, 55-68.	1.0	85
50	CCL16 activates an angiogenic program in vascular endothelial cells. <i>Blood</i> , 2004, 103, 40-49.	0.6	85
51	Diffusion-limited phase separation in eukaryotic chemotaxis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16927-16932.	3.3	85
52	Involvement of chemokine receptor 4/stromal cell-derived factor 1 system during osteosarcoma tumor progression. <i>Clinical Cancer Research</i> , 2005, 11, 490-7.	3.2	83
53	Antiinflammatory peptides (antiflammins) inhibit synthesis of platelet-activating factor, neutrophil aggregation and chemotaxis, and intradermal inflammatory reactions.. <i>Journal of Experimental Medicine</i> , 1990, 171, 913-927.	4.2	82
54	Loss of inhibitory semaphorin 3A (SEMA3A) autocrine loops in bone marrow endothelial cells of patients with multiple myeloma. <i>Blood</i> , 2006, 108, 1661-1667.	0.6	79

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55	Combined targeting of perivascular and endothelial tumor cells enhances anti-tumor efficacy of liposomal chemotherapy in neuroblastoma. <i>Journal of Controlled Release</i> , 2010, 145, 66-73.	4.8	78
56	Acetylcholine-induced production of platelet-activating factor by human fetal brain cells in culture. <i>Journal of Neuroscience Research</i> , 1990, 27, 706-711.	1.3	77
57	The miR-126 regulates Angiopoietin-1 signaling and vessel maturation by targeting p85 ^{Î²} . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1925-1935.	1.9	77
58	Essential role of PDK1 in regulating endothelial cell migration. <i>Journal of Cell Biology</i> , 2007, 176, 1035-1047.	2.3	75
59	Identification of CD36 molecular features required for its in vitro angiostatic activity. <i>FASEB Journal</i> , 2005, 19, 1713-1715.	0.2	73
60	MicroRNA-mediated regulatory circuits: outlook and perspectives. <i>Physical Biology</i> , 2017, 14, 045001.	0.8	73
61	Release of Platelet-Activating Factor in Systemic Lupus erythematosus. <i>International Archives of Allergy and Immunology</i> , 1990, 91, 244-256.	0.9	72
62	Platelet activating factor is elevated in cerebral spinal fluid and plasma of patients with relapsingâ€“remitting multiple sclerosis. <i>Journal of Neuroimmunology</i> , 1999, 94, 212-221.	1.1	71
63	Human Immunodeficiency Virus Transactivator Protein (Tat) Stimulates Chemotaxis, Calcium Mobilization, and Activation of Human Polymorphonuclear Leukocytes: Implications for Tatâ€“Mediated Pathogenesis. <i>Journal of Infectious Diseases</i> , 2000, 182, 1643-1651.	1.9	70
64	SERS active Ag nanoparticles in mesoporous silicon: detection of organic molecules and peptideâ€“antibody assays. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 730-736.	1.2	70
65	Activation of diacylglycerol kinase Î± is required for VEGF-induced angiogenic signaling in vitro. <i>Oncogene</i> , 2004, 23, 4828-4838.	2.6	69
66	Platelet-Activating Factor Produced by Endothelial Cells. A Molecule with Autocrine and Paracrine Properties. <i>FEBS Journal</i> , 1995, 229, 327-337.	0.2	67
67	Proliferative and migratory responses of murine microvascular endothelial cells to granulocyte-colony-stimulating factor. <i>Journal of Cellular Physiology</i> , 1993, 155, 89-95.	2.0	66
68	Therapy for Cancer: Strategy of Combining Anti-Angiogenic and Target Therapies. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 101.	1.8	65
69	Temporal and Spatial Modulation of Rho GTPases during in Vitro Formation of Capillary Vascular Network. <i>Journal of Biological Chemistry</i> , 2003, 278, 50702-50713.	1.6	64
70	Gorham-Stout Syndrome: A Monocyte-Mediated Cytokine Propelled Disease. <i>Journal of Bone and Mineral Research</i> , 2005, 21, 207-218.	3.1	64
71	A Review of Vasculogenesis Models. <i>Journal of Theoretical Medicine</i> , 2005, 6, 1-19.	0.5	64
72	LXR-activating oxysterols induce the expression of inflammatory markers in endothelial cells through LXR-independent mechanisms. <i>Atherosclerosis</i> , 2009, 207, 38-44.	0.4	64

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73	Priming of the vascular endothelial growth factor signaling pathway by thrombospondin-1, CD36, and spleen tyrosine kinase. <i>Blood</i> , 2011, 117, 4658-4666.	0.6	64
74	Semaphorin 4A Exerts a Proangiogenic Effect by Enhancing Vascular Endothelial Growth Factor-A Expression in Macrophages. <i>Journal of Immunology</i> , 2012, 188, 4081-4092.	0.4	64
75	Modeling human tumor angiogenesis in a three-dimensional culture system. <i>Blood</i> , 2013, 121, e129-e137.	0.6	64
76	Differential Expression of the Common β and Specific α Chains of the Receptors for GM-CSF, IL-3, and IL-5 in Endothelial Cells. <i>Experimental Cell Research</i> , 1993, 206, 311-317.	1.2	63
77	Identification of Specific Molecular Structures of Human Immunodeficiency Virus Type 1 Tat Relevant for Its Biological Effects on Vascular Endothelial Cells. <i>Journal of Virology</i> , 2000, 74, 344-353.	1.5	62
78	Liver X Receptor Activation Reduces Angiogenesis by Impairing Lipid Raft Localization and Signaling of Vascular Endothelial Growth Factor Receptor-2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2280-2288.	1.1	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. <i>FEBS Journal</i> , 1989, 182, 661-666.	0.2	60
80	Increased Expression of α 6 Integrin in Endothelial Cells Unveils a Proangiogenic Role for Basement Membrane. <i>Cancer Research</i> , 2010, 70, 5759-5769.	0.4	60
81	Bioengineered tumoral microtissues recapitulate desmoplastic reaction of pancreatic cancer. <i>Acta Biomaterialia</i> , 2017, 49, 152-166.	4.1	60
82	Interactions between endothelial cells and HIV-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 371-390.	1.2	59
83	PI3K/mTOR inhibition promotes the regression of experimental vascular malformations driven by PIK3CA-activating mutations. <i>Cell Death and Disease</i> , 2018, 9, 45.	2.7	59
84	HIV-1 Tat Protein Stimulates In Vivo Vascular Permeability and Lymphomononuclear Cell Recruitment. <i>Journal of Immunology</i> , 2001, 166, 1380-1388.	0.4	58
85	Human Immunodeficiency Virus Type 1 Tat Regulates Endothelial Cell Actin Cytoskeletal Dynamics through PAK1 Activation and Oxidant Production. <i>Journal of Virology</i> , 2004, 78, 779-789.	1.5	58
86	Integration of microfluidic and cantilever technology for biosensing application in liquid environment. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1565-1570.	5.3	58
87	Hyperthermia inhibits angiogenesis by a plasminogen activator inhibitor 1-dependent mechanism. <i>Cancer Research</i> , 2003, 63, 1500-7.	0.4	58
88	Tie-2-dependent activation of RhoA and Rac1 participates in endothelial cell motility triggered by angiopoietin-1. <i>Blood</i> , 2003, 102, 2482-2490.	0.6	57
89	3-Phosphoinositide-Dependent Kinase 1 Controls Breast Tumor Growth in a Kinase-Dependent but Akt-Independent Manner. <i>Neoplasia</i> , 2012, 14, 719-IN19.	2.3	57
90	IL-12 Regulates an Endothelial Cell-Lymphocyte Network: Effect on Metalloproteinase-9 Production. <i>Journal of Immunology</i> , 2003, 171, 3725-3733.	0.4	56

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91	A Fluorescent One-Dimensional Photonic Crystal for Label-Free Biosensing Based on Bloch Surface Waves. <i>Sensors</i> , 2013, 13, 2011-2022.	2.1	56
92	The cholesterol biosynthesis enzyme oxidosqualene cyclase is a new target to impair tumour angiogenesis and metastasis dissemination. <i>Scientific Reports</i> , 2015, 5, 9054.	1.6	56
93	A possible role for nitric oxide in modulating the functional cyclosporine toxicity by arginine. <i>Kidney International</i> , 1995, 47, 1507-1514.	2.6	55
94	Type I Collagen Limits VEGFR-2 Signaling by a SHP2 Protein-Tyrosine Phosphatase-Dependent Mechanism 1. <i>Circulation Research</i> , 2006, 98, 45-54.	2.0	55
95	Besides adhesion: new perspectives of integrin functions in angiogenesis. <i>Cardiovascular Research</i> , 2008, 78, 213-222.	1.8	55
96	The synaptic proteins neurexins and neuroligins are widely expressed in the vascular system and contribute to its functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20782-20787.	3.3	55
97	Angiopoietin-like 7, a novel pro-angiogenic factor over-expressed in cancer. <i>Angiogenesis</i> , 2014, 17, 881-896.	3.7	55
98	<sc>TFEB</sc> controls vascular development by regulating the proliferation of endothelial cells. <i>EMBO Journal</i> , 2019, 38, .	3.5	55
99	Acetylcholine and Dopamine Promote the Production of Platelet Activating Factor in Immature Cells of Chick Embryonic Retina. <i>Journal of Neurochemistry</i> , 1988, 51, 1755-1759.	2.1	51
100	Neurexins and neuroligins: synapses look out of the nervous system. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2655-2666.	2.4	51
101	Targeting oncogenic serine/threonine-protein kinase BRAF in cancer cells inhibits angiogenesis and abrogates hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E353-9.	3.3	51
102	Neuropilin-1 Identifies a Subset of Bone Marrow Gr1 ⁺ Monocytes That Can Induce Tumor Vessel Normalization and Inhibit Tumor Growth. <i>Cancer Research</i> , 2012, 72, 6371-6381.	0.4	51
103	Tumor Necrosis Factor Alters Cytoskeletal Organization and Barrier Function of Endothelial Cells. <i>International Archives of Allergy and Immunology</i> , 1991, 96, 84-91.	0.9	50
104	Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 536-541.	1.1	50
105	Diacylglycerol kinase- β phosphorylation by Src on Y335 is required for activation, membrane recruitment and Hgf-induced cell motility. <i>Oncogene</i> , 2008, 27, 942-956.	2.6	50
106	Small GTPase Rab5 participates in chromosome congression and regulates localization of the centromere-associated protein CENP-F to kinetochores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17337-17342.	3.3	50
107	BCAM and LAMA5 Mediate the Recognition between Tumor Cells and the Endothelium in the Metastatic Spreading of KRAS-Mutant Colorectal Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 4923-4933.	3.2	50
108	Intravascular release of platelet activating factor in children with sepsis. <i>Thrombosis Research</i> , 1987, 48, 619-620.	0.8	49

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109	Human monocyte-derived and CD34+cell-derived dendritic cells express functional receptors for platelet activating factor. <i>FEBS Letters</i> , 1997, 418, 98-100.	1.3	49
110	Semaphoring Vascular Morphogenesis. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006, 13, 81-91.	1.7	49
111	Development of microcantilever-based biosensor array to detect Angiopoietin-1, a marker of tumor angiogenesis. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1193-1198.	5.3	47
112	Integrin signaling and lung cancer. <i>Cell Adhesion and Migration</i> , 2010, 4, 124-129.	1.1	47
113	Tumor progression: the neuronal input. <i>Annals of Translational Medicine</i> , 2018, 6, 89-89.	0.7	47
114	Semaphorins and tumor angiogenesis. <i>Angiogenesis</i> , 2009, 12, 187-193.	3.7	46
115	Aberrantly glycosylated IgA molecules downregulate the synthesis and secretion of vascular endothelial growth factor in human mesangial cells. <i>American Journal of Kidney Diseases</i> , 2000, 36, 1242-1252.	2.1	45
116	Nitrovasodilators inhibit thrombin-induced platelet-activating factor synthesis in human endothelial cells. <i>Biochemical Pharmacology</i> , 1992, 44, 223-229.	2.0	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. <i>Circulation</i> , 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. <i>Journal of Biological Chemistry</i> , 2004, 279, 13224-13233.	1.6	44
119	Cell surface-associated Tat modulates HIV-1 infection and spreading through a specific interaction with gp120 viral envelope protein. <i>Blood</i> , 2005, 105, 2802-2811.	0.6	44
120	A complex of $\alpha_6\beta_1$ integrin and E-cadherin drives liver metastasis of colorectal cancer cells through hepatic angiopoietin-like 6. <i>EMBO Molecular Medicine</i> , 2012, 4, 1156-1175.	3.3	44
121	PDK1-mediated activation of MRCK β regulates directional cell migration and lamellipodia retraction. <i>Journal of Cell Biology</i> , 2014, 206, 415-434.	2.3	43
122	Activation of JAK2 in Human Vascular Endothelial Cells by Granulocyte-Macrophage Colony-Stimulating Factor. <i>Blood</i> , 1997, 89, 863-872.	0.6	42
123	Novel phage display-derived neuroblastoma-targeting peptides potentiate the effect of drug nanocarriers in preclinical settings. <i>Journal of Controlled Release</i> , 2013, 170, 233-241.	4.8	41
124	Bromodomain inhibition exerts its therapeutic potential in malignant pleural mesothelioma by promoting immunogenic cell death and changing the tumor immune-environment. <i>Oncotarget</i> , 2018, 7, e1398874.	2.1	41
125	Potential Diagnostic and Prognostic Role of Microenvironment in Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1458-1471.	0.5	41
126	Tumor necrosis factor induces contraction of mesangial cells and alters their cytoskeletons. <i>Kidney International</i> , 1990, 38, 795-802.	2.6	40

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127	Protein kinase C and cyclic AMP modulate thrombin-induced platelet-activating factor synthesis in human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1991, 1093, 55-64.	1.9	40
128	Synergism Between Platelet Activating Factor and C-C Chemokines for Arachidonate Release in Human Monocytes. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 761-766.	1.0	40
129	Common Cues in Vascular and Axon Guidance. <i>Physiology</i> , 2004, 19, 348-354.	1.6	39
130	Middle T antigen-transformed endothelial cells exhibit an increased activity of nitric oxide synthase.. <i>Journal of Experimental Medicine</i> , 1995, 181, 9-19.	4.2	38
131	Comparative Genome Analysis of the Neurexin Gene Family in <i>Danio rerio</i> : Insights into Their Functions and Evolution. <i>Molecular Biology and Evolution</i> , 2007, 24, 236-252.	3.5	38
132	Class 3 semaphorins: physiological vascular normalizing agents for anti-cancer therapy. <i>Journal of Internal Medicine</i> , 2013, 273, 138-155.	2.7	37
133	Recent developments in the cell biology of granulocyte-macrophage colony-stimulating factor and granulocyte colony-stimulating factor: activities on endothelial cells. <i>International Journal of Clinical and Laboratory Research</i> , 1993, 23, 8-12.	1.0	36
134	<scp>VEGF</scp> blockade enhances the antitumor effect of <scp> BRAF ^V </scp> ^{600E} inhibition. <i>EMBO Molecular Medicine</i> , 2017, 9, 219-237.	3.3	36
135	Platelet-activating factor production by human fetal microglia. <i>Molecular and Chemical Neuropathology</i> , 1995, 24, 95-106.	1.0	35
136	Protein Kinase D1 Regulates VEGF-A-Induced β 3 Integrin Trafficking and Endothelial Cell Migration. <i>Traffic</i> , 2010, 11, 1107-1118.	1.3	35
137	A regulatory microRNA network controls endothelial cell phenotypic switch during sprouting angiogenesis. <i>ELife</i> , 2020, 9, .	2.8	35
138	Platelet activating factor interaction with tumor necrosis factor and myocardial depressant factor in splanchnic artery occlusion shock. <i>European Journal of Pharmacology</i> , 1992, 222, 13-19.	1.7	34
139	Platelet-Activating Factor " A Powerful Lipid Autacoid Possibly Involved in Microangiopathy. <i>Acta Haematologica</i> , 1986, 75, 129-140.	0.7	31
140	Targeted dual-color silica nanoparticles provide univocal identification of micrometastases in preclinical models of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2012, 7, 4797.	3.3	31
141	Neuroigin 1 Induces Blood Vessel Maturation by Cooperating with the β 6 Integrin. <i>Journal of Biological Chemistry</i> , 2014, 289, 19466-19476.	1.6	31
142	Involvement of a serine protease in the synthesis of platelet-activating factor by endothelial cells stimulated by tumor necrosis factor- α or interleukin-1 α . <i>European Journal of Immunology</i> , 1994, 24, 3131-3139.	1.6	30
143	Unraveling the influence of endothelial cell density on VEGF-A signaling. <i>Blood</i> , 2012, 119, 5599-5607.	0.6	30
144	Neutropenia induced by platelet-activating factor (PAF-acether) released from neutrophils: The inhibitory effect of prostacyclin (PGI ₂). <i>Agents and Actions</i> , 1981, 11, 550-553.	0.7	29

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145	Wnt/IL-1 β /IL-8 autocrine circuitries control chemoresistance in mesothelioma initiating cells by inducing ABCB5. <i>International Journal of Cancer</i> , 2020, 146, 192-207.	2.3	29
146	Multifaceted activities of transcription factor EB in cancer onset and progression. <i>Molecular Oncology</i> , 2021, 15, 327-346.	2.1	29
147	Real-time monitoring of cell protrusion dynamics by impedance responses. <i>Scientific Reports</i> , 2015, 5, 10206.	1.6	28
148	Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated derivative. <i>Journal of Inorganic Biochemistry</i> , 2000, 81, 229-237.	1.5	27
149	Osteopontin Overexpression Inhibits <i>In Vitro</i> Re-endothelialization via Integrin Engagement. <i>Journal of Biological Chemistry</i> , 2007, 282, 19676-19684.	1.6	27
150	Nervous vascular parallels: axon guidance and beyond. <i>International Journal of Developmental Biology</i> , 2011, 55, 439-445.	0.3	27
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