

# Marco Presta

## List of Publications by Year in descending order

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343  
papers

18,629  
citations

10389

72  
h-index

18130

120  
g-index

346  
all docs

346  
docs citations

346  
times ranked

16854  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fibroblast growth factor/fibroblast growth factor receptor system in angiogenesis. Cytokine and Growth Factor Reviews, 2005, 16, 159-178.	7.2	1,126
2	Internalization of HIV-1 Tat Requires Cell Surface Heparan Sulfate Proteoglycans. Journal of Biological Chemistry, 2001, 276, 3254-3261.	3.4	635
3	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
4	Human Erythropoietin Induces a Pro-Angiogenic Phenotype in Cultured Endothelial Cells and Stimulates Neovascularization In Vivo. Blood, 1999, 93, 2627-2636.	1.4	461
5	Purification of a factor from human placenta that stimulates capillary endothelial cell protease production, DNA synthesis, and migration.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 2091-2095.	7.1	335
6	Complexity and Complementarity of Outer Membrane Protein A Recognition by Cellular and Humoral Innate Immunity Receptors. Immunity, 2005, 22, 551-560.	14.3	271
7	Purification from a human hepatoma cell line of a basic fibroblast growth factor-like molecule that stimulates capillary endothelial cell plasminogen activator production, DNA synthesis, and migration.. Molecular and Cellular Biology, 1986, 6, 4060-4066.	2.3	270
8	Mammalian Tumor Xenografts Induce Neovascularization in Zebrafish Embryos. Cancer Research, 2007, 67, 2927-2931.	0.9	245
9	Both normal and tumor cells produce basic fibroblast growth factor. Journal of Cellular Physiology, 1986, 129, 273-276.	4.1	234
10	The gelatin spongeâ€œchorioallantoic membrane assay. Nature Protocols, 2006, 1, 85-91.	12.0	229
11	The zebrafish/tumor xenograft angiogenesis assay. Nature Protocols, 2007, 2, 2918-2923.	12.0	218
12	Nerve growth factorâ€™endothelial cell interaction leads to angiogenesis in vitro and in vivo. FASEB Journal, 2002, 16, 1307-1309.	0.5	214
13	Cutting Edge: Extracellular High Mobility Group Box-1 Protein Is a Proangiogenic Cytokine. Journal of Immunology, 2006, 176, 12-15.	0.8	212
14	New Model for the Study of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioallantoic Membrane: The Gelatin Sponge/ Chorioallantoic Membrane Assay. Journal of Vascular Research, 1997, 34, 455-463.	1.4	199
15	Basic fibroblast growth factor modulates integrin expression in microvascular endothelial cells.. Molecular Biology of the Cell, 1993, 4, 973-982.	2.1	195
16	Evidence for characteristic vascular patterns in solid tumours: quantitative studies using corrosion casts. British Journal of Cancer, 1999, 80, 724-732.	6.4	186
17	Nitric Oxide Promotes Proliferation and Plasminogen Activator Production by Coronary Venular Endothelium Through Endogenous bFGF. Circulation Research, 1997, 80, 845-852.	4.5	182
18	Selective recognition of fibroblast growth factor-2 by the long pentraxin PTX3 inhibits angiogenesis. Blood, 2004, 104, 92-99.	1.4	181

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19	Interaction of HIV-1 Tat Protein with Heparin. <i>Journal of Biological Chemistry</i> , 1997, 272, 11313-11320.	3.4	179
20	Distinct Role of Fibroblast Growth Factor-2 and Vascular Endothelial Growth Factor on Tumor Growth and Angiogenesis. <i>American Journal of Pathology</i> , 2003, 162, 1913-1926.	3.8	167
21	Role of the soluble pattern recognition receptor PTX3 in vascular biology. <i>Journal of Cellular and Molecular Medicine</i> , 2007, 11, 723-738.	3.6	166
22	Bone marrow neovascularization, plasma cell angiogenic potential, and matrix metalloproteinase-2 secretion parallel progression of human multiple myeloma. <i>Blood</i> , 1999, 93, 3064-73.	1.4	166
23	Gremlin is a novel agonist of the major proangiogenic receptor VEGFR2. <i>Blood</i> , 2010, 116, 3677-3680.	1.4	163
24	Endogenous Basic Fibroblast Growth Factor Is Implicated in the Vascularization of the Chick Embryo Chorioallantoic Membrane. <i>Developmental Biology</i> , 1995, 170, 39-49.	2.0	158
25	Fibroblast growth factors (FGFs) in cancer: FGF traps as a new therapeutic approach. , 2017, 179, 171-187.		152
26	Human erythropoietin induces a pro-angiogenic phenotype in cultured endothelial cells and stimulates neovascularization in vivo. <i>Blood</i> , 1999, 93, 2627-36.	1.4	145
27	Î± <sub>v</sub> Î² <sub>3</sub> Integrin Mediates the Cell-adhesive Capacity and Biological Activity of Basic Fibroblast Growth Factor (FGF-2) in Cultured Endothelial Cells. <i>Molecular Biology of the Cell</i> , 1997, 8, 2449-2461.	2.1	140
28	Basic fibroblast growth factor is released from endothelial extracellular matrix in a biologically active form. <i>Journal of Cellular Physiology</i> , 1989, 140, 68-74.	4.1	137
29	Erythropoietin as an angiogenic factor. <i>European Journal of Clinical Investigation</i> , 2003, 33, 891-896.	3.4	135
30	Inhibition of angiogenesis and tumor growth by SCH221153, a dual alpha(v)beta3 and alpha(v)beta5 integrin receptor antagonist. <i>Cancer Research</i> , 2001, 61, 2232-8.	0.9	135
31	Fibroblast Growth Factors/Fibroblast Growth Factor Receptors as Targets for the Development of Anti-Angiogenesis Strategies. <i>Current Pharmaceutical Design</i> , 2007, 13, 2025-2044.	1.9	134
32	The mitogenic signaling pathway but not the plasminogen activator-inducing pathway of basic fibroblast growth factor is mediated through protein kinase C in fetal bovine aortic endothelial cells.. <i>Journal of Cell Biology</i> , 1989, 109, 1877-1884.	5.2	126
33	Generation of Biologically Active Angiostatin Kringle 1-3 by Activated Human Neutrophils. <i>Journal of Immunology</i> , 2002, 168, 5798-5804.	0.8	125
34	HIV-tat protein is a heparin-binding angiogenic growth factor. <i>Oncogene</i> , 1996, 12, 289-97.	5.9	125
35	Cutting Edge: Proangiogenic Properties of Alternatively Activated Dendritic Cells. <i>Journal of Immunology</i> , 2005, 175, 2788-2792.	0.8	124
36	Osteopontin (Eta-1) and Fibroblast Growth Factor-2 Cross-Talk in Angiogenesis. <i>Journal of Immunology</i> , 2003, 171, 1085-1093.	0.8	123

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37	Interaction of angiogenic basic fibroblast growth factor with endothelial cell heparan sulfate proteoglycans. <i>International Journal of Clinical and Laboratory Research</i> , 1996, 26, 15-23.	1.0	121
38	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.	1.4	119
39	Bone morphogenic protein antagonist Drg/gremlin is a novel proangiogenic factor. <i>Blood</i> , 2007, 109, 1834-1840.	1.4	118
40	Fibroblast Growth Factor Receptor-1 Is Essential for In Vitro Cardiomyocyte Development. <i>Circulation Research</i> , 2003, 93, 414-420.	4.5	117
41	Dendritic cell-endothelial cell cross-talk in angiogenesis. <i>Trends in Immunology</i> , 2007, 28, 385-392.	6.8	115
42	Inflammatory cells and chemokines sustain FGF2-induced angiogenesis. <i>European Cytokine Network</i> , 2009, 20, 39-50.	2.0	114
43	A form of human basic fibroblast growth factor with an extended amino terminus. <i>Biochemical and Biophysical Research Communications</i> , 1987, 144, 543-550.	2.1	112
44	Long-Pentraxin 3 Derivative as a Small-Molecule FGF Trap for Cancer Therapy. <i>Cancer Cell</i> , 2015, 28, 225-239.	16.8	111
45	Multiple Interactions of HIV-1 Tat Protein with Size-defined Heparin Oligosaccharides. <i>Journal of Biological Chemistry</i> , 1999, 274, 28198-28205.	3.4	110
46	Basic Fibroblast Growth Factor-Induced Angiogenic Phenotype in Mouse Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 454-464.	2.4	108
47	The Basic Domain in HIV-1 Tat Protein as a Target for Polysulfonated Heparin-mimicking Extracellular Tat Antagonists. <i>Journal of Biological Chemistry</i> , 1998, 273, 16027-16037.	3.4	105
48	Antiangiogenic and Vascular-Targeting Activity of the Microtubule-Destabilizing trans-Resveratrol Derivative 3,5,4-trimethoxystilbene. <i>Molecular Pharmacology</i> , 2005, 67, 1451-1459.	2.3	104
49	Heparin Derivatives as Angiogenesis Inhibitors. <i>Current Pharmaceutical Design</i> , 2003, 9, 553-566.	1.9	102
50	Cell membrane GM1 ganglioside is a functional coreceptor for fibroblast growth factor 2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4367-4372.	7.1	101
51	Identification of an Antiangiogenic FGF2-binding Site in the N Terminus of the Soluble Pattern Recognition Receptor PTX3. <i>Journal of Biological Chemistry</i> , 2006, 281, 22605-22613.	3.4	101
52	Shedding of Membrane Vesicles Mediates Fibroblast Growth Factor-2 Release from Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 51911-51919.	3.4	99
53	Cutting Edge: IL-1 $\beta$ Mediates the Proangiogenic Activity of Osteopontin-Activated Human Monocytes. <i>Journal of Immunology</i> , 2006, 177, 4267-4270.	0.8	97
54	Modulation of Fibroblast Growth Factor-2 Receptor Binding, Signaling, and Mitogenic Activity by Heparin-Mimicking Polysulfonated Compounds. <i>Molecular Pharmacology</i> , 1999, 56, 204-213.	2.3	95

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55	HIV-1 Tat protein and endothelium: from protein/cell interaction to AIDS-associated pathologies. <i>Angiogenesis</i> , 2002, 5, 141-151.	7.2	93
56	Thrombospondin 1 as a scavenger for matrix-associated fibroblast growth factor 2. <i>Blood</i> , 2003, 102, 4399-4406.	1.4	93
57	Pentraxin 3 Inhibits Fibroblast Growth Factor 2-Dependent Activation of Smooth Muscle Cells In Vitro and Neointima Formation In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 1837-1842.	2.4	93
58	The discovery of angiogenic factors. <i>General Pharmacology</i> , 2000, 35, 227-231.	0.7	92
59	Human vitreous in proliferative diabetic retinopathy: Characterization and translational implications. <i>Progress in Retinal and Eye Research</i> , 2019, 72, 100756.	15.5	91
60	Sex hormones modulate the synthesis of basic fibroblast growth factor in human endometrial adenocarcinoma cells: Implications for the neovascularization of normal and neoplastic endometrium. <i>Journal of Cellular Physiology</i> , 1988, 137, 593-597.	4.1	86
61	Internalization of basic fibroblast growth factor (bFGF) in cultured endothelial cells: Role of the low affinity heparin-like bFGF receptors. <i>Journal of Cellular Physiology</i> , 1993, 154, 152-161.	4.1	85
62	Distinct Role of 2-O-, N-, and 6-O-Sulfate Groups of Heparin in the Formation of the Ternary Complex with Basic Fibroblast Growth Factor and Soluble FGF Receptor-1. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 450-458.	2.1	85
63	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
64	Undersulfated and Glycol-Split Heparins Endowed with Antiangiogenic Activity. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 838-848.	6.4	80
65	The discovery of basic fibroblast growth factor/fibroblast growth factor-2 and its role in haematological malignancies. <i>Cytokine and Growth Factor Reviews</i> , 2007, 18, 327-334.	7.2	78
66	A six-amino acid deletion in basic fibroblast growth factor dissociates its mitogenic activity from its plasminogen activator-inducing capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 2628-2632.	7.1	76
67	Role of soluble mediators in angiogenesis. <i>European Journal of Cancer</i> , 1996, 32, 2401-2412.	2.8	76
68	$\alpha_3\beta_1$ integrin engagement modulates cell adhesion, proliferation, and protease secretion in human lymphoid tumor cells. <i>Experimental Hematology</i> , 2001, 29, 993-1003.	0.4	76
69	Short Heparin Sequences Spaced by Glycol-Split Uronate Residues Are Antagonists of Fibroblast Growth Factor 2 and Angiogenesis Inhibitors. <i>Biochemistry</i> , 2002, 41, 10519-10528.	2.5	76
70	Anti-FGF2 approaches as a strategy to compensate resistance to anti-VEGF therapy: long-pentraxin 3 as a novel antiangiogenic FGF2-antagonist. <i>European Cytokine Network</i> , 2009, 20, 225-234.	2.0	76
71	In vitro and ex vivo retina angiogenesis assays. <i>Angiogenesis</i> , 2014, 17, 429-442.	7.2	76
72	Future applications of FGF/FGFR inhibitors in cancer. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 861-872.	2.4	76

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73	Biological and molecular properties of a new $\alpha_3\beta_5$ integrin antagonist. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 1670-1680.	4.1	75
74	Purification from a human hepatoma cell line of a basic fibroblast growth factor-like molecule that stimulates capillary endothelial cell plasminogen activator production, DNA synthesis, and migration. <i>Molecular and Cellular Biology</i> , 1986, 6, 4060-4066.	2.3	74
75	Fibroblast Growth Factor-2 Antagonist Activity and Angiostatic Capacity of Sulfated Escherichia coli K5 Polysaccharide Derivatives. <i>Journal of Biological Chemistry</i> , 2001, 276, 37900-37908.	3.4	73
76	The potential of fibroblast growth factor/fibroblast growth factor receptor signaling as a therapeutic target in tumor angiogenesis. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1361-1377.	3.4	72
77	Non-peptidic Thrombospondin-1 Mimics as Fibroblast Growth Factor-2 Inhibitors. <i>Journal of Biological Chemistry</i> , 2010, 285, 8733-8742.	3.4	70
78	The natural compound n-butylidenephthalide derived from the volatile oil of <i>Radix Angelica sinensis</i> inhibits angiogenesis in vitro and in vivo. <i>Angiogenesis</i> , 2011, 14, 187-197.	7.2	69
79	Long Pentraxin 3/Tumor Necrosis Factor-Stimulated Gene-6 Interaction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 696-703.	2.4	69
80	Blocking the FGF/FGFR system as a two-compartment antiangiogenic/antitumor approach in cancer therapy. <i>Pharmacological Research</i> , 2016, 107, 172-185.	7.1	69
81	Long Pentraxin-3 Inhibits Epithelial-Mesenchymal Transition in Melanoma Cells. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2760-2771.	4.1	68
82	Pentosan Polysulfate as an Inhibitor of Extracellular HIV-1 Tat. <i>Journal of Biological Chemistry</i> , 2001, 276, 22420-22425.	3.4	67
83	Fibroblast growth factor-2 binding to the thrombospondin-1 type III repeats, a novel antiangiogenic domain. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 700-709.	2.8	67
84	Interaction of high-molecular-weight basic fibroblast growth factor with endothelium: Biological activity and intracellular fate of human recombinant Mr 24,000 bFGF. <i>Journal of Cellular Physiology</i> , 1994, 161, 149-159.	4.1	66
85	Cell-Mediated Delivery of Fibroblast Growth Factor-2 and Vascular Endothelial Growth Factor onto the Chick Chorioallantoic Membrane: Endothelial Fenestration and Angiogenesis. <i>Journal of Vascular Research</i> , 2001, 38, 389-397.	1.4	66
86	A pro-inflammatory signature mediates FGF2-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2083-2108.	3.6	66
87	Interaction of Fibroblast Growth Factor-2 (FGF-2) with Free Gangliosides: Biochemical Characterization and Biological Consequences in Endothelial Cell Cultures. <i>Molecular Biology of the Cell</i> , 1999, 10, 313-327.	2.1	65
88	Long pentraxin 3: A novel multifaceted player in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 53-63.	7.4	65
89	Basic fibroblast growth factor requires a long-lasting activation of protein kinase C to induce cell proliferation in transformed fetal bovine aortic endothelial cells. <i>Molecular Biology of the Cell</i> , 1991, 2, 719-726.	6.5	64
90	Long pentraxin-3 as an epithelial-stromal fibroblast growth factor-targeting inhibitor in prostate cancer. <i>Journal of Pathology</i> , 2013, 230, 228-238.	4.5	64

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91	Nuclear localization of endogenous basic fibroblast growth factor in cultured endothelial cells. <i>Experimental Cell Research</i> , 1991, 192, 505-510.	2.6	62
92	Heparan Sulfate Proteoglycans Mediate the Angiogenic Activity of the Vascular Endothelial Growth Factor Receptor-2 Agonist Gremlin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, e116-27.	2.4	62
93	Biological activity of substrate-bound basic fibroblast growth factor (FGF2): recruitment of FGF receptor-1 in endothelial cell adhesion contacts. <i>Oncogene</i> , 2002, 21, 3889-3897.	5.9	61
94	Heparin Octasaccharides Inhibit Angiogenesis In vivo. <i>Clinical Cancer Research</i> , 2005, 11, 8172-8179.	7.0	61
95	Embryonic---Fetal Hb switch in humans: studies on erythroid bursts generated by embryonic progenitors from yolk sac and liver.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1984, 81, 2416-2420.	7.1	60
96	Zebrafish embryo, a tool to study tumor angiogenesis. <i>International Journal of Developmental Biology</i> , 2011, 55, 505-509.	0.6	60
97	Long Pentraxin-3 Modulates the Angiogenic Activity of Fibroblast Growth Factor-2. <i>Frontiers in Immunology</i> , 2018, 9, 2327.	4.8	60
98	Fibroblast growth factor 2-induced angiogenesis in zebrafish: the zebrafish yolk membrane (ZFYM) angiogenesis assay. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2061-2068.	3.6	58
99	In vivo angiogenic activity of urokinase: role of endogenous fibroblast growth factor-2. <i>Journal of Cell Science</i> , 1999, 112, 4213-4221.	2.0	58
100	Purification of basic fibroblast growth factor from rat brain: Identification of a Mr 22,000 immunoreactive form. <i>Biochemical and Biophysical Research Communications</i> , 1988, 155, 1161-1172.	2.1	57
101	Multiple forms of an angiogenesis factor: basic fibroblast growth factor. <i>Biochimie</i> , 1988, 70, 83-87.	2.6	54
102	Paracrine and autocrine effects of fibroblast growth factor-4 in endothelial cells. <i>Oncogene</i> , 2001, 20, 2655-2663.	5.9	53
103	Overexpression of cytosolic sialidase Neu2 induces myoblast differentiation in C2C12 cells. <i>FEBS Letters</i> , 2003, 547, 183-188.	2.8	53
104	Long Pentraxin-3 Inhibits FGF8b-Dependent Angiogenesis and Growth of Steroid Hormone-Regulated Tumors. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1600-1610.	4.1	53
105	Biochemical bases of the interaction of human basic fibroblast growth factor with glycosaminoglycans. New insights from trypsin digestion studies. <i>FEBS Journal</i> , 1993, 214, 51-58.	0.2	52
106	Fibroblast Growth Factors and Their Receptors in Hematopoiesis and Hematological Tumors. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002, 11, 19-32.	1.8	52
107	Recombinant human erythropoietin induces intussusceptive microvascular growth in vivo. <i>Leukemia</i> , 2004, 18, 331-336.	7.2	52
108	Biotechnological Engineering of Heparin/Heparan Sulphate: A Novel Area of Multi-Target Drug Discovery. <i>Current Pharmaceutical Design</i> , 2005, 11, 2489-2499.	1.9	52

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109	Basic fibroblast growth factor: Production, mitogenic response, and post-receptor signal transduction in cultured normal and transformed fetal bovine aortic endothelial cells. <i>Journal of Cellular Physiology</i> , 1989, 141, 517-526.	4.1	50
110	Chemically sulfated <i>Escherichia coli</i> K5 polysaccharide derivatives as extracellular HIV-1 Tat protein antagonists. <i>FEBS Letters</i> , 2004, 568, 171-177.	2.8	50
111	Human iPSC modelling of a familial form of atrial fibrillation reveals a gain of function of If and ICaL in patient-derived cardiomyocytes. <i>Cardiovascular Research</i> , 2020, 116, 1147-1160.	3.8	50
112	Basic Fibroblast Growth Factor in Ovulatory Cycle and Postmenopausal Human Endometrium. <i>Growth Factors</i> , 1990, 3, 299-307.	1.7	49
113	Undersulfated, low-molecular-weight glycol-split heparin as an antiangiogenic VEGF antagonist. <i>Glycobiology</i> , 2004, 15, 1C-6C.	2.5	48
114	$\alpha_5\beta_3$ -integrin-dependent activation of focal adhesion kinase mediates NF- $\kappa$ B activation and mitogenic activity by HIV-1 Tat in endothelial cells. <i>Journal of Cell Science</i> , 2005, 118, 3949-3958.	2.0	47
115	Purine analogue 6-methylmercaptapurine riboside inhibits early and late phases of the angiogenesis process. <i>Cancer Research</i> , 1999, 59, 2417-24.	0.9	47
116	Fibroblast growth factor 2 antagonist activity of a long $\alpha$ -pentraxin 3 derived antiangiogenic pentapeptide. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2109-2121.	3.6	46
117	Zebrafish embryo as a tool to study tumor/endothelial cell cross-talk. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1371-1377.	3.8	45
118	Cyclic Adenosine Monophosphate-Response Element Binding Protein Mediates the Proangiogenic or Proinflammatory Activity of Gremlin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 136-145.	2.4	45
119	Expression of basic fibroblast growth factor and its receptors in human fetal microglia cells. <i>International Journal of Developmental Neuroscience</i> , 1995, 13, 29-39.	1.6	44
120	Thrombospondin-1 inhibits Kaposi's sarcoma (KS) cell and HIV-1 Tat-induced angiogenesis and is poorly expressed in KS lesions. , 1999, 188, 76-81.		44
121	Integrin $\alpha_5\beta_3$ as a Target for Blocking HIV-1 Tat-Induced Endothelial Cell Activation In Vitro and Angiogenesis In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2315-2320.	2.4	44
122	Extracellular Angiogenic Growth Factor Interactions: An Angiogenesis Interactome Survey. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006, 13, 93-111.	1.7	43
123	Transcriptional and posttranscriptional regulation of urokinase-type plasminogen activator expression in endothelial cells by basic fibroblast growth factor. <i>Journal of Cellular Physiology</i> , 1995, 162, 400-409.	4.1	42
124	Promotion of tumour metastases and induction of angiogenesis by native HIV-1 Tat protein from BK virus/tat transgenic mice. <i>Aids</i> , 1996, 10, 701-710.	2.2	42
125	HIV-1 Tat and heparan sulfate proteoglycan interaction: a novel mechanism of lymphocyte adhesion and migration across the endothelium. <i>Blood</i> , 2009, 114, 3335-3342.	1.4	42
126	Involvement of $\alpha_5\beta_3$ integrin in gremlin-induced angiogenesis. <i>Angiogenesis</i> , 2013, 16, 235-243.	7.2	42



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127	SIGMAR1 Regulates Membrane Electrical Activity in Response to Extracellular Matrix Stimulation to Drive Cancer Cell Invasiveness. <i>Cancer Research</i> , 2016, 76, 607-618.	0.9	42
128	Modulation of tumor angiogenesis by conditional expression of fibroblast growth factor-2 affects early but not established tumors. <i>Cancer Research</i> , 2001, 61, 309-17.	0.9	42
129	Characterization of a Mr 25,000 basic fibroblast growth factor form in adult, regenerating, and fetal rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 1182-1189.	2.1	41
130	The COOH-Terminal Peptide of Platelet Factor-4 Variant (CXCL4L1/PF-4var47-70) Strongly Inhibits Angiogenesis and Suppresses B16 Melanoma Growth <i>in vivo</i> . <i>Molecular Cancer Research</i> , 2010, 8, 322-334.	3.4	41
131	FGF Trapping Inhibits Multiple Myeloma Growth through c-Myc Degradationâ€“Induced Mitochondrial Oxidative Stress. <i>Cancer Research</i> , 2020, 80, 2340-2354.	0.9	41
132	Different effects of mucosal, bovine lung and chemically modified heparin on selected biological properties of basic fibroblast growth factor. <i>Biochemical Journal</i> , 1994, 303, 583-590.	3.7	40
133	Activation of Endothelial Cell Mitogen Activated Protein Kinase ERK <sub>1/2</sub> by Extracellular HIV-1 Tat Protein. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2001, 8, 65-74.	1.7	40
134	Î±/Î² Integrin-dependent antiangiogenic activity of resveratrol stereoisomers. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3761-3770.	4.1	40
135	Direct and Allosteric Inhibition of the FGF2/HSPGs/FGFR1 Ternary Complex Formation by an Antiangiogenic, Thrombospondin-1-Mimic Small Molecule. <i>PLoS ONE</i> , 2012, 7, e36990.	2.5	40
136	Inhibition of angiogenesis in rats by IL-1 receptor antagonist and selected cytokine antibodies. <i>Inflammation</i> , 1994, 18, 45-58.	3.8	39
137	A distinct basic fibroblast growth factor (FGF-2)/FGF receptor interaction distinguishes urokinase-type plasminogen activator induction from mitogenicity in endothelial cells.. <i>Molecular Biology of the Cell</i> , 1996, 7, 369-381.	2.1	39
138	Role of endothelial cell extracellular signal-regulated kinase1/2 in urokinase-type plasminogen activator upregulation and <i>in vitro</i> angiogenesis by fibroblast growth factor-2. <i>Journal of Cell Science</i> , 1999, 112, 2597-2606.	2.0	39
139	Role of fibroblast growth factorâ€“2 in human brain: a focus on development. <i>International Journal of Developmental Neuroscience</i> , 2000, 18, 271-279.	1.6	38
140	Calcitonin receptor-like receptor guides arterial differentiation in zebrafish. <i>Blood</i> , 2008, 111, 4965-4972.	1.4	38
141	Matrigel plug assay: evaluation of the angiogenic response by reverse transcription-quantitative PCR. <i>Angiogenesis</i> , 2013, 16, 469-477.	7.2	38
142	Angiopoietin-1 mediates the proangiogenic activity of the bone morphogenic protein antagonist Drm. <i>Blood</i> , 2008, 112, 1154-1157.	1.4	37
143	Anti-angiogenic activity of the flavonoid precursor 4-hydroxychalcone. <i>European Journal of Pharmacology</i> , 2012, 691, 125-133.	3.5	37
144	Dendritic cells in inflammatory angiogenesis and lymphangiogenesis. <i>Current Opinion in Immunology</i> , 2018, 53, 180-186.	5.5	37

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146	The FGF/FGFR system in the physiopathology of the prostate gland. <i>Physiological Reviews</i> , 2021, 101, 569-610.	28.8	37
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