

Sandro De Falco

List of Publications by Year in descending order

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69
papers

3,485
citations

136740

32
h-index

138251

58
g-index

69
all docs

69
docs citations

69
times ranked

5095
citing authors

#	ARTICLE	IF	CITATIONS
1	Corneal avascularity is due to soluble VEGF receptor-1. <i>Nature</i> , 2006, 443, 993-997.	13.7	605
2	The discovery of placenta growth factor and its biological activity. <i>Experimental and Molecular Medicine</i> , 2012, 44, 1.	3.2	319
3	Association of antisense oligonucleotides with lipoproteins prolongs the plasma half-life and modifies the tissue distribution. <i>Nucleic Acids Research</i> , 1991, 19, 4695-4700.	6.5	148
4	Vascular Endothelial Growth Factor Receptor-1 Contributes to Resistance to Anti-Epidermal Growth Factor Receptor Drugs in Human Cancer Cells. <i>Clinical Cancer Research</i> , 2008, 14, 5069-5080.	3.2	139
5	Small interfering RNA-induced TLR3 activation inhibits blood and lymphatic vessel growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7137-7142.	3.3	132
6	VEGFR1 signaling in retinal angiogenesis and microinflammation. <i>Progress in Retinal and Eye Research</i> , 2021, 84, 100954.	7.3	123
7	Structure and Function of Placental Growth Factor. <i>Trends in Cardiovascular Medicine</i> , 2002, 12, 241-246.	2.3	118
8	Overexpression of squamous cell carcinoma antigen variants in hepatocellular carcinoma. <i>British Journal of Cancer</i> , 2004, 90, 833-837.	2.9	114
9	Role of placenta growth factor and its receptor flt-1 in rheumatoid inflammation: A link between angiogenesis and inflammation. <i>Arthritis and Rheumatism</i> , 2009, 60, 345-354.	6.7	90
10	L-Proline Induces a Mesenchymal-like Invasive Program in Embryonic Stem Cells by Remodeling H3K9 and H3K36 Methylation. <i>Stem Cell Reports</i> , 2013, 1, 307-321.	2.3	80
11	Hedgehog signalling pathway orchestrates angiogenesis in triple-negative breast cancers. <i>British Journal of Cancer</i> , 2017, 116, 1425-1435.	2.9	76
12	Cloning and Expression of a Novel Hepatitis B Virus-binding Protein from HepG2 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 36613-36623.	1.6	69
13	Control of embryonic stem cell metastability by l-proline catabolism. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 108-122.	1.5	66
14	Prevention of systemic lupus erythematosus in MRL/lpr mice by administration of an immunoglobulin-binding peptide. <i>Nature Biotechnology</i> , 2000, 18, 735-739.	9.4	62
15	Placental growth factor and its potential role in diabetic retinopathy and other ocular neovascular diseases. <i>Acta Ophthalmologica</i> , 2018, 96, e1-e9.	0.6	60
16	Aflibercept regulates retinal inflammation elicited by high glucose via the PlGF/ERK pathway. <i>Biochemical Pharmacology</i> , 2019, 168, 341-351.	2.0	57
17	A Placental Growth Factor Variant Unable to Recognize Vascular Endothelial Growth Factor (VEGF) Receptor-1 Inhibits VEGF-Dependent Tumor Angiogenesis via Heterodimerization. <i>Cancer Research</i> , 2010, 70, 1804-1813.	0.4	54
18	The <i>C. elegans</i> <i>pvf-1</i> gene encodes a PDGF/VEGF-like factor able to bind mammalian VEGF receptors and to induce angiogenesis. <i>FASEB Journal</i> , 2006, 20, 227-233.	0.2	53

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19	Propionyl-L-Carnitine Improves Postischemic Blood Flow Recovery and Arteriogenic Revascularization and Reduces Endothelial NADPH-Oxidase 4 α -Mediated Superoxide Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 426-435.	1.1	53
20	Antiangiogenesis therapy: an update after the first decade. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 1.	0.7	53
21	Alu RNA accumulation induces epithelial-to-mesenchymal transition by modulating miR-566 and is associated with cancer progression. <i>Oncogene</i> , 2018, 37, 627-637.	2.6	53
22	Anti-neuropilin-1 peptide inhibition of synoviocyte survival, angiogenesis, and experimental arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 179-190.	6.7	51
23	Age-related increase of stem marker expression influences vascular smooth muscle cell properties. <i>Atherosclerosis</i> , 2012, 224, 51-57.	0.4	51
24	Plgf ^{-/-} eNos ^{-/-} mice show defective angiogenesis associated with increased oxidative stress in response to tissue ischemia. <i>FASEB Journal</i> , 2006, 20, 970-972.	0.2	50
25	Identification of Placenta Growth Factor Determinants for Binding and Activation of Flt-1 Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 43929-43939.	1.6	44
26	A Small Synthetic Cripto Blocking Peptide Improves Neural Induction, Dopaminergic Differentiation, and Functional Integration of Mouse Embryonic Stem Cells in a Rat Model of Parkinson's Disease. <i>Stem Cells</i> , 2010, 28, 1326-1337.	1.4	40
27	The vascular endothelial growth factors and receptors family: Up to now the only target for anti-angiogenesis therapy. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 185-189.	1.2	37
28	Ribonucleases and Angiogenins from Fish. <i>Journal of Biological Chemistry</i> , 2006, 281, 27454-27460.	1.6	36
29	Epigenetic control of hypoxia inducible factor-1 α -dependent expression of placental growth factor in hypoxic conditions. <i>Epigenetics</i> , 2014, 9, 600-610.	1.3	36
30	The Biflavonoid Amentoflavone Inhibits Neovascularization Preventing the Activity of Proangiogenic Vascular Endothelial Growth Factors. <i>Journal of Biological Chemistry</i> , 2011, 286, 19641-19651.	1.6	34
31	Placental growth factor regulates the generation of TH17 cells to link angiogenesis with autoimmunity. <i>Nature Immunology</i> , 2019, 20, 1348-1359.	7.0	34
32	Placenta growth factor is not required for exercise-induced angiogenesis. <i>Angiogenesis</i> , 2004, 7, 277-284.	3.7	33
33	Modulation of Angiogenesis by a Tetrameric Tripeptide That Antagonizes Vascular Endothelial Growth Factor Receptor 1. <i>Journal of Biological Chemistry</i> , 2008, 283, 34250-34259.	1.6	33
34	Human IgG1 antibodies suppress angiogenesis in a target-independent manner. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, .	7.1	30
35	α -synuclein overexpression in the retina leads to vision impairment and degeneration of dopaminergic amacrine cells. <i>Scientific Reports</i> , 2020, 10, 9619.	1.6	27
36	N-terminal myristylation of HBV preS1 domain enhances receptor recognition. <i>Chemical Biology and Drug Design</i> , 2001, 57, 390-400.	1.2	26

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37	Hypoxia activates placental growth factor expression in lymphatic endothelial cells. <i>Oncotarget</i> , 2017, 8, 32873-32883.	0.8	26
38	Bioassay-Guided Isolation of Proanthocyanidins with Antiangiogenic Activities. <i>Journal of Natural Products</i> , 2013, 76, 29-35.	1.5	24
39	Retinal angiogenesis suppression through small molecule activation of p53. <i>Journal of Clinical Investigation</i> , 2013, 123, 4170-4181.	3.9	24
40	Powerful anti-tumor and anti-angiogenic activity of a new anti-vascular endothelial growth factor receptor 1 peptide in colorectal cancer models. <i>Oncotarget</i> , 2015, 6, 10563-10576.	0.8	24
41	Human L7a ribosomal protein: sequence, structural organization, and expression of a functional gene. <i>Gene</i> , 1993, 126, 227-235.	1.0	23
42	Intravenous immune globulin suppresses angiogenesis in mice and humans. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, .	7.1	23
43	Placental Growth Factor-1 and -2 Induce Hyperplasia and Invasiveness of Primary Rheumatoid Synoviocytes. <i>Journal of Immunology</i> , 2015, 194, 2513-2521.	0.4	22
44	Aflibercept in the Treatment of Diabetic Macular Edema: A Review and Consensus Paper. <i>European Journal of Ophthalmology</i> , 2017, 27, 627-639.	0.7	22
45	Propionyl-L-Carnitine Enhances Wound Healing and Counteracts Microvascular Endothelial Cell Dysfunction. <i>PLoS ONE</i> , 2015, 10, e0140697.	1.1	19
46	The class I-specific HDAC inhibitor MS-275 modulates the differentiation potential of mouse embryonic stem cells. <i>Biology Open</i> , 2013, 2, 1070-1077.	0.6	17
47	Inhibition of Choroidal and Corneal Pathologic Neovascularization by <i>Plgf1-de</i> Gene Transfer. , 2012, 53, 7989.		16
48	Flt-1 expression influences apoptotic susceptibility of vascular smooth muscle cells through the NF- κ B/IAP-1 pathway. <i>Cardiovascular Research</i> , 2010, 85, 214-223.	1.8	15
49	An Automated High Throughput Screening-Compatible Assay to Identify Regulators of Stem Cell Neural Differentiation. <i>Molecular Biotechnology</i> , 2012, 50, 171-180.	1.3	14
50	Chemical synthesis of mouse cripto CFC variants. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 779-788.	1.5	12
51	Assessment of a New Nanostructured Microemulsion System for Ocular Delivery of Sorafenib to Posterior Segment of the Eye. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4404.	1.8	12
52	An Expression System for the Single-Step Production of Recombinant Human Amidated Calcitonin. <i>Protein Expression and Purification</i> , 1996, 7, 347-354.	0.6	11
53	Competitive ELISA-Based Screening of Plant Derivatives for the Inhibition of VEGF Family Members Interaction with Vascular Endothelial Growth Factor Receptor 1. <i>Planta Medica</i> , 2008, 74, 401-406.	0.7	11
54	Full Functional Knockout of Placental Growth Factor by Knockin with an Inactive Variant Able to Heterodimerize with VEGF-A. <i>Cell Reports</i> , 2018, 23, 3635-3646.	2.9	10

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55	Branched Peptides for the Modulation of Protein-Protein Interactions: More Arms are Better than One?. <i>Current Medicinal Chemistry</i> , 2011, 18, 2429-2437.	1.2	9
56	Synthetic Peptide Libraries: From Random Mixtures to In Vivo Testing. <i>Current Medicinal Chemistry</i> , 2020, 27, 997-1016.	1.2	9
57	Long Non-coding RNA T-UCstem1 Controls Progenitor Proliferation and Neurogenesis in the Postnatal Mouse Olfactory Bulb through Interaction with miR-9. <i>Stem Cell Reports</i> , 2020, 15, 836-844.	2.3	8
58	Synergistic interactions of PlGF and VEGF contribute to blood-retinal barrier breakdown through canonical NF κ B activation. <i>Experimental Cell Research</i> , 2020, 397, 112347.	1.2	8
59	Oral Delivery of a Tetrameric Tripeptide Inhibitor of VEGFR1 Suppresses Pathological Choroid Neovascularization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 410.	1.8	8
60	A placenta growth factor 2 variant acts as dominant negative of vascular endothelial growth factor A by heterodimerization mechanism. <i>American Journal of Cancer Research</i> , 2011, 1, 265-274.	1.4	8
61	Powerful tumor cell growth-inhibiting activity of a synthetic derivative of atractyligenin: Involvement of PI3K/Akt pathway and thioredoxin system. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1135-1144.	1.1	7
62	Targeting VEGF receptors with non-neutralizing cyclopeptides for imaging applications. <i>Amino Acids</i> , 2018, 50, 321-329.	1.2	6
63	Combined HAT/EZH2 modulation leads to cancer-selective cell death. <i>Oncotarget</i> , 2018, 9, 25630-25646.	0.8	5
64	GENE MODULATION BY TUMOR PROMOTERS. , 1987, , 101-116.		2
65	Generation and testing of engineered multimeric Fabs of trastuzumab. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4516-4531.	3.6	2
66	Prolyl 3-Hydroxylase 2 Is a Molecular Player of Angiogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3896.	1.8	2
67	Lipoprotein-mediated delivery of antisense oligonucleotides. <i>Journal of Controlled Release</i> , 1992, 21, 213-214.	4.8	0
68	Trascrizione e traduzione in vitro di un cDNA completo codificante per la proteina ribosomale umana Lia. <i>Rendiconti Lincei</i> , 1993, 4, 83-88.	1.0	0
69	Anti-angiogenic Activity Evaluation of Secondary Metabolites from <i>Calycolpus Moritzianus</i> Leaves. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	0