Fabio Carraro

List of Publications by Year
in descending order

69 papers	2,477 citations	159585 30 h-index	214800 47 g-index
70 all docs	70 docs citations	70 times ranked	3566 citing authors

#	Article	IF	Citations
1	Role of Inflammatory Mediators in Angiogenesis. Inflammation and Allergy: Drug Targets, 2005, 4, 3-8.	3.1	242
2	p66SHC Promotes Apoptosis and Antagonizes Mitogenic Signaling in T Cells. Molecular and Cellular Biology, 2004, 24, 1747-1757.	2.3	124
3	Hypoxia affects cytokine production and proliferative responses by human peripheral mononuclear cells. , 1997, 173, 335-342.		110
4	Cutting Edge: IL-1Î² Mediates the Proangiogenic Activity of Osteopontin-Activated Human Monocytes. Journal of Immunology, 2006, 177, 4267-4270.	0.8	97
5	Pyrazolo[3,4-d]pyrimidines as Potent Antiproliferative and Proapoptotic Agents toward A431 and 8701-BC Cells in Culture via Inhibition of c-Src Phosphorylation. Journal of Medicinal Chemistry, 2006, 49, 1549-1561.	6.4	85
6	New pyrazolo[3,4-d]pyrimidines endowed with A431 antiproliferative activity and inhibitory properties of Src phosphorylation. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2511-2517.	2.2	82
7	Structure-Based Optimization of Pyrazolo[3,4-d]pyrimidines as Abl Inhibitors and Antiproliferative Agents toward Human Leukemia Cell Lines. Journal of Medicinal Chemistry, 2008, 51, 1252-1259.	6.4	77
8	Measurement of15N enrichment in multiple amino acids and urea in a single analysis by gas chromatography/mass spectrometry. Biological Mass Spectrometry, 1993, 22, 518-523.	0.5	75
9	Design, Synthesis, Biological Activity, and ADME Properties of Pyrazolo[3,4-d]pyrimidines Active in Hypoxic Human Leukemia Cells: A Lead Optimization Study. Journal of Medicinal Chemistry, 2011, 54, 2610-2626.	6.4	75
10	Synthesis, biological evaluation and docking studies of 4-amino substituted 1H-pyrazolo[3,4-d]pyrimidines. European Journal of Medicinal Chemistry, 2008, 43, 2665-2676.	5.5	70
11	Expression of protease-activated receptors 1 and 2 in melanocytic nevi and malignant melanoma. Human Pathology, 2005, 36, 676-685.	2.0	67
12	Hypoxia affects dendritic cell survival: Role of the hypoxiaâ€inducible factorâ€1Î± and lipopolysaccharide. Journal of Cellular Physiology, 2012, 227, 587-595.	4.1	62
13	Thrombin regulates the expression of proangiogenic cytokines via proteolytic activation of protease-activated receptor-1. General Pharmacology, 2000, 35, 255-259.	0.7	56
14	THROMBIN ENHANCEMENT OF INTERLEUKIN-1 EXPRESSION IN MONONUCLEAR CELLS: INVOLVEMENT OF PROTEINASE-ACTIVATED RECEPTOR-1. Cytokine, 2002, 20, 191-199.	3.2	49
15	Ozonation of Human Blood Induces a Remarkable Upregulation of Heme Oxygenase-1 and Heat Stress Protein-70. Mediators of Inflammation, 2007, 2007, 1-6.	3.0	48
16	Regulation of HMGâ€CoA reductase expression by hypoxia. Journal of Cellular Biochemistry, 2008, 104, 701-709.	2.6	47
17	Early response to bleomycin is characterized by different cytokine and cytokine receptor profiles in lungs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1186-L1192.	2.9	45
18	Inducible nitric oxide synthase activity correlates with lymphangiogenesis and vascular endothelial growth factor-C expression in head and neck squamous cell carcinoma. Journal of Pathology, 2006, 208, 439-445.	4.5	45

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19	Interleukin-1Î² regulates the migratory potential of MDAMB231 breast cancer cells through the hypoxia-inducible factor-1Î±. European Journal of Cancer, 2010, 46, 3400-3408.	2.8	44
20	Shortâ€Term Hypoxia Enhances the Migratory Capability of Dendritic Cell Through HIFâ€1Î± and PI3K/Akt Pathway. Journal of Cellular Physiology, 2014, 229, 2067-2076.	4.1	44
21	Pyrazolo[3,4-d]pyrimidines Endowed with Antiproliferative Activity on Ductal Infiltrating Carcinoma Cells. Journal of Medicinal Chemistry, 2004, 47, 1595-1598.	6.4	43
22	Nâ€[2â€Methylâ€5â€(triazolâ€1â€yl)phenyl]pyrimidinâ€2â€amine as a Scaffold for the Synthesis of Inhibitors of Bcrâ€Abl. ChemMedChem, 2011, 6, 2009-2018.	3.2	41
23	Regulation of Angiogenesis by Th1- and Th2-Type Cytokines. Current Pharmaceutical Design, 2003, 9, 511-519.	1.9	41
24	Hypoxia modulates cyclin and cytokine expression and inhibits peripheral mononuclear cell proliferation. Journal of Cellular Physiology, 1999, 181, 448-454.	4.1	39
25	p66Shc is involved in promoting HIF-1Î± accumulation and cell death in hypoxic T cells. Journal of Cellular Physiology, 2007, 211, 439-447.	4.1	38
26	2-Hydroxypropyl-Î²-cyclodextrin strongly improves water solubility and anti-proliferative activity of pyrazolo[3,4-d]pyrimidines Src-Abl dual inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 5958-5964.	5.5	36
27	Thrombin-mediated IL-10 up-regulation involves protease-activated receptor (PAR)-1 expression in human mononuclear leukocytes. Journal of Leukocyte Biology, 2005, 78, 736-744.	3.3	34
28	Different Adaptive Responses to Hypoxia in Normal and Multiple Myeloma Endothelial Cells. Cellular Physiology and Biochemistry, 2018, 46, 203-212.	1.6	34
29	Adenosine Kinase Gene Expression in Human Colorectal Cancer. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 750-754.	1.1	33
30	Neuroglobin in Breast Cancer Cells: Effect of Hypoxia and Oxidative Stress on Protein Level, Localization, and Anti-Apoptotic Function. PLoS ONE, 2016, 11, e0154959.	2.5	33
31	Analysis of protease-activated receptor-1 and -2 in human scar formation. Journal of Pathology, 2007, 212, 440-449.	4.5	30
32	Hypoxia influences the cellular cross-talk of human dermal fibroblasts. A proteomic approach. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 1402-1413.	2.3	29
33	Inhibition of Bcr-Abl Phosphorylation and Induction of Apoptosis by Pyrazolo[3,4-d]pyrimidines in Human Leukemia Cells. ChemMedChem, 2007, 2, 343-353.	3.2	27
34	Interleukin-1Î²Affects MDAMB231 Breast Cancer Cell Migration under Hypoxia: Role of HIF-1Î±and NFÎºB Transcription Factors. Mediators of Inflammation, 2015, 2015, 1-10.	3.0	25
35	Alanine kinetics in humans during low-intensity exercise. Medicine and Science in Sports and Exercise, 1994, 26, 348???353.	0.4	23
36	Inhibition of interleukin-12 expression by Î± -thrombin in human peripheral blood mononuclear cells: a potential mechanism for modulating Th1/Th2 responses. British Journal of Pharmacology, 2003, 140, 980-986.	5.4	22

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37	Human ?-thrombin stimulates proliferation of interferon-? differentiated, growth-arrested U937 cells, overcoming differentiation-related changes in expression of p21CIP1/WAF1 and cyclin D1. Journal of Cellular Physiology, 2002, 191, 290-297.	4.1	21
38	Isotopic determination of fibronectin synthesis in humans. Metabolism: Clinical and Experimental, 1991, 40, 553-561.	3.4	20
39	The thrombin peptide, TP508, enhances cytokine release and activates signaling events. Peptides, 2004, 25, 1917-1926.	2.4	20
40	Hypoxia Enhances the Antiviral Activity of Interferons. Journal of Interferon Research, 1993, 13, 127-132.	1.2	19
41	Identification of a functional role for the protease-activated receptor-1 in hypoxic breast cancer cells. European Journal of Cancer, 2009, 45, 454-460.	2.8	19
42	Identification of Hck Inhibitors As Hits for the Development of Antileukemia and Antiâ€HIV Agents. ChemMedChem, 2013, 8, 1353-1360.	3.2	19
43	Effect of dichloroacetate on lactate concentration in exercising humans. Journal of Applied Physiology, 1989, 66, 591-597.	2.5	18
44	The effects of autologous platelet gel on inflammatory cytokine response in human peripheral blood mononuclear cells. Platelets, 2008, 19, 268-274.	2.3	18
45	Protease-activated receptor-1 (PAR-1) promotes the motility of human melanomas and is associated to their metastatic phenotype. Clinical and Experimental Metastasis, 2010, 27, 43-53.	3.3	18
46	Identification of thrombin-like activity in ovarian cancer associated ascites and modulation of multiple cytokine networks. Thrombosis and Haemostasis, 2011, 106, 705-711.	3.4	18
47	Hypoxia Shapes Autophagy in LPS-Activated Dendritic Cells. Frontiers in Immunology, 2020, 11, 573646.	4.8	17
48	Inhibition of smoothened in breast cancer cells reduces CAXII expression and cell migration. Journal of Cellular Physiology, 2018, 233, 9799-9811.	4.1	16
49	INTERLEUKIN 10 PRODUCTION IN PATIENTS UNDERGOING CARDIOPULMONARY BYPASS: EVIDENCE OF INHIBITION OF Th-1-TYPE RESPONSES. Cytokine, 1999, 11, 74-79.	3.2	15
50	HYPOXIA INDUCES THE EXPRESSION AND RELEASE OF INTERLEUKIN 1 RECEPTOR ANTAGONIST IN MITOGEN-ACTIVATED MONONUCLEAR CELLS. Cytokine, 2001, 13, 334-341.	3.2	14
51	3D QSAR Models Built on Structure-Based Alignments of Abl Tyrosine Kinase Inhibitors. ChemMedChem, 2009, 4, 976-987.	3.2	14
52	Carborane-Conjugated 2-Quinolinecarboxamide Ligands of the Translocator Protein for Boron Neutron Capture Therapy. Bioconjugate Chemistry, 2010, 21, 2213-2221.	3.6	13
53	Inhibition of Melanoma Cell Migration and Invasion Targeting the Hypoxic Tumor Associated CAXII. Cancers, 2020, 12, 3018.	3.7	13
54	Carbonic anhydrase XII expression is linked to suppression of Sonic hedgehog ligand expression in triple negative breast cancer cells. Biochemical and Biophysical Research Communications, 2019, 516, 408-413.	2.1	12

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55	Interplay between Hypoxia and Extracellular Vesicles in Cancer and Inflammation. Biology, 2021, 10, 606.	2.8	12
56	The adaptor protein p66shc is a positive regulator in the angiogenic response induced by hypoxic T cells. Journal of Leukocyte Biology, 2009, 87, 365-369.	3.3	11
57	Role of the Hypoxic Microenvironment in the Antitumor Activity of Tyrosine Kinase Inhibitors. Current Medicinal Chemistry, 2011, 18, 2885-2892.	2.4	11
58	Downregulation of Hypoxia-related Responses by Novel Antitumor Histone Deacetylase Inhibitors in MDAMB231 Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 407-413.	1.7	10
59	The lymphatic route. VIII. Distribution and plasma clearance of recombinant human interleukin-2 after SC administration with albumin in patients. Biotherapy (Dordrecht, Netherlands), 1993, 6, 73-77.	0.7	9
60	Thrombin Inhibits IFN-Î³Production in Human Peripheral Blood Mononuclear Cells by Promoting a Th2 Profile. Journal of Interferon and Cytokine Research, 2006, 26, 793-799.	1.2	9
61	Hypoxia Enhances the Expression of RNASET2 in Human Monocyte-Derived Dendritic Cells: Role of PI3K/AKT Pathway. International Journal of Molecular Sciences, 2021, 22, 7564.	4.1	9
62	Novel Acylguanidine Derivatives Targeting Smoothened Induce Antiproliferative and Pro-Apoptotic Effects in Chronic Myeloid Leukemia Cells. PLoS ONE, 2016, 11, e0149919.	2.5	8
63	Effects of Hypoxia on the Antiproliferative Activity of Human Interferons. Journal of Interferon and Cytokine Research, 1995, 15, 137-142.	1.2	6
64	The Shc protein RAI promotes an adaptive cell survival program in hypoxic neuroblastoma cells. Journal of Cellular Physiology, 2018, 233, 4282-4293.	4.1	6
65	Hypoxia Induces Autophagy in Human Dendritic Cells: Involvement of Class III PI3K/Vps34. Cells, 2022, 11, 1695.	4.1	4
66	The Shc protein Rai enhances Tâ€cell survival under hypoxia. Journal of Cellular Physiology, 2020, 235, 8058-8070.	4.1	3
67	Metabolism and pharmacokinetics of biological response modifiers (BRMS). European Journal of Pharmacology, 1990, 183, 112-113.	3.5	1
68	A Ribonuclease Protection Assay-based Approach for Analysis of Angiogenic Gene Expression in Archival Tissues. Diagnostic Molecular Pathology, 2007, 16, 147-152.	2.1	1
69	Hypoxia affects cytokine production and proliferative responses by human peripheral mononuclear cells. , 1997, 173, 335.		1