Alfredo Grilli

List of Publications by Year
in descending order

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74 papers	2,275 citations	172457 29 h-index	223800 46 g-index
76 all docs	76 docs citations	76 times ranked	3441 citing authors

#	Article	IF	Citations
1	Simvastatin reduces reperfusion injury by modulating nitric oxide synthase expression: an ex vivo study in isolated working rat hearts. Cardiovascular Research, 2001, 51, 283-293.	3.8	130
2	Catcholamine and nitric oxide systems as targets of chronic lead exposure in inducing selective functional impairment. Life Sciences, 2000, 68, 401-415.	4.3	107
3	Antiinflammatory effects in THPâ€1 cells treated with verbascoside. Phytotherapy Research, 2010, 24, 1398-1404.	5.8	107
4	Astaxanthin Treatment Reduced Oxidative Induced Pro-Inflammatory Cytokines Secretion in U937: SHP-1 as a Novel Biological Target. Marine Drugs, 2012, 10, 890-899.	4.6	107
5	Chronic treatment with rosuvastatin modulates nitric oxide synthase expression and reduces ischemiaâ€“reperfusion injury in rat hearts. Cardiovascular Research, 2005, 66, 462-471.	3.8	97
6	Dysregulation of chemo-cytokine production in schizophrenic patients versus healthy controls. BMC Neuroscience, 2011, 12, 13.	1.9	97
7	Extremely low frequency electromagnetic fields modulate expression of inducible nitric oxide synthase, endothelial nitric oxide synthase and cyclooxygenase-2 in the human keratinocyte cell line HaCat: potential therapeutic effects in wound healing. British Journal of Dermatology, 2010, 162, 258-266.	1.5	89
8	Simvastatin Attenuates Expression of Cytokine-inducible Nitric-oxide Synthase in Embryonic Cardiac Myoblasts. Journal of Biological Chemistry, 2005, 280, 13503-13511.	3.4	80
9	The plasmatic and salivary levels of IL-1Î², IL-18 and IL-6 are associated to emotional difference during stress in young male. Scientific Reports, 2018, 8, 3031.	3.3	80
10	Nitric Oxide Synthase in Healthy and Inflamed Human Dental Pulp. Journal of Dental Research, 2004, 83, 312-316.	5.2	76
11	Astaxanthin Treatment Confers Protection against Oxidative Stress in U937 Cells Stimulated with Lipopolysaccharide Reducing O2â¨ Production. PLoS ONE, 2014, 9, e88359.	2.5	69
12	Licocalchone-C Extracted from Glycyrrhiza Glabra Inhibits Lipopolysaccharide-Interferon-Î³ Inflammation by Improving Antioxidant Conditions and Regulating Inducible Nitric Oxide Synthase Expression. Molecules, 2011, 16, 5720-5734.	3.8	64
13	Phenotype modulation in cultures of vascular smooth muscle cells from diabetic rats: Association with increased nitric oxide synthase expression and superoxide anion generation. Journal of Cellular Physiology, 2003, 196, 378-385.	4.1	52
14	Biological Effect of Licochalcone C on the Regulation of PI3K/Akt/eNOS and NF-ÎºB/iNOS/NO Signaling Pathways in H9c2 Cells in Response to LPS Stimulation. International Journal of Molecular Sciences, 2017, 18, 690.	4.1	51
15	Extremely lowâ€frequency electromagnetic fields accelerates wound healing modulating <scp>MMP</scp>â€9 and inflammatory cytokines. Cell Proliferation, 2018, 51, e12432.	5.3	51
16	Left ventricular wall stress as a direct correlate of cardiomyocyte apoptosis in patients with severe dilated cardiomyopathy. American Heart Journal, 2003, 146, 1105-1111.	2.7	50
17	Modulation of MCP-1 and iNOS by 50-Hz sinusoidal electromagnetic field. Nitric Oxide - Biology and Chemistry, 2006, 15, 50-57.	2.7	50
18	A Novel Biological Role of Î±-Mangostin in Modulating Inflammatory Response Through the Activation of SIRT-1 Signaling Pathway. Journal of Cellular Physiology, 2016, 231, 2439-2451.	4.1	49

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19	Verbascoside downâ€regulates some proâ€inflammatory signal transduction pathways by increasing the activity of tyrosine phosphatase <scp>SHP</scp>â€1 in the U937 cell line. Journal of Cellular and Molecular Medicine, 2015, 19, 1548-1556.	3.6	48
20	Age-related death-survival balance in myocardium: an immunohistochemical and biochemical study. Mechanisms of Ageing and Development, 2002, 123, 341-350.	4.6	43
21	Localization of the e-NOS enzyme in endothelial cells and odontoblasts of healthy human dental pulp. Life Sciences, 2000, 68, 297-306.	4.3	39
22	Activity of matrix metallo proteinases (MMPs) and the tissue inhibitor of MMP (TIMP)â€1 in electromagnetic fieldâ€exposed THPâ€1 cells. Journal of Cellular Physiology, 2012, 227, 2767-2774.	4.1	37
23	The progression of coeliac disease: its neurological and psychiatric implications. Nutrition Research Reviews, 2017, 30, 25-35.	4.1	35
24	Endothelial NOS expression and ischemiaâ€“reperfusion in isolated working rat heart from hypoxic and hyperoxic conditions. Biochimica Et Biophysica Acta - General Subjects, 2000, 1524, 203-211.	2.4	33
25	Phosphodiesterase Type-5 Inhibitor and Oxidative Stress. International Journal of Immunopathology and Pharmacology, 2008, 21, 879-889.	2.1	33
26	Positive Correlation Between Serum Interleukinâ€1Î² and State Anger in Rugby Athletes. Aggressive Behavior, 2013, 39, 141-148.	2.4	32
27	Trimetazidine improves post-ischemic recovery by preserving endothelial nitric oxide synthase expression in isolated working rat hearts. Nitric Oxide - Biology and Chemistry, 2007, 16, 228-236.	2.7	31
28	Inducible nitric oxide synthase and heme oxygenase-1 in rat heart: direct effect of chronic exposure to hypoxia. Annals of Clinical and Laboratory Science, 2003, 33, 208-15.	0.2	31
29	Effect of Chronic Hypoxia on Inducible Nitric Oxide Synthase Expression in Rat Myocardial Tissue. Experimental Biology and Medicine, 2003, 228, 935-942.	2.4	30
30	Neurologic Soft Signs in Schizophrenic Patients Treated With Conventional and Atypical Antipsychotics. Journal of Clinical Psychopharmacology, 2005, 25, 372-375.	1.4	30
31	Mast cell recruitment after subcutaneous injection of RANTES in the sole of the rat paw. British Journal of Haematology, 1998, 103, 798-803.	2.5	28
32	mTOR Activation by PI3K/Akt and ERK Signaling in Short ELF-EMF Exposed Human Keratinocytes. PLoS ONE, 2015, 10, e0139644.	2.5	28
33	Aging-Related Oxidative Stress: Positive Effect of Memory Training. Neuroscience, 2018, 370, 246-255.	2.3	28
34	The SHP-1 expression is associated with cytokines and psychopathological status in unmedicated first episode Schizophrenia patients. Brain, Behavior, and Immunity, 2014, 41, 251-260.	4.1	27
35	Phosphatidylinositol-3-kinase activation and atypical protein kinase C Î¶ phosphorylation characterize the DMSO signalling in erythroleukemia cells. Cellular Signalling, 2000, 12, 667-672.	3.6	26
36	Ultradian Variation of Nerve Growth Factor Plasma Levels in Healthy and Schizophrenic Subjects. International Journal of Immunopathology and Pharmacology, 2004, 17, 367-372.	2.1	24

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37	Emotions, immunity and sport: Winner and loser athleteâ€™s profile of fighting sport. Brain, Behavior, and Immunity, 2015, 46, 261-269.	4.1	23
38	Does chronic hypoxia increase rat carotid body nitric oxide?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 120, 243-247.	1.8	20
39	New Approach in Translational Medicine: Effects of Electrolyzed Reduced Water (ERW) on NF-ÎºB/iNOS Pathway in U937 Cell Line under Altered Redox State. International Journal of Molecular Sciences, 2016, 17, 1461.	4.1	17
40	Massive infiltration of basophilic cells in inflamed tissue after injection of RANTES. Immunology Letters, 1997, 58, 101-106.	2.5	16
41	Impact of extremely low frequency electromagnetic fields on CD4 expression in peripheral blood mononuclear cells. Molecular and Cellular Biochemistry, 1999, 201, 49-55.	3.1	14
42	Effect of the Compound L-Mimosine in an in Vivo Model of Chronic Granuloma Formation Induced by Potassium Permanganate (KMNO4). International Journal of Immunopathology and Pharmacology, 2003, 16, 99-104.	2.1	14
43	MCP-1 and MIP-2 expression and production in BB diabetic rat: Effect of chronic hypoxia. Molecular and Cellular Biochemistry, 2005, 276, 105-111.	3.1	13
44	Modulation of the oxidative plasmatic state in gastroesophageal reflux disease with the addition of rich water molecular hydrogen: A new biological vision. Journal of Cellular and Molecular Medicine, 2018, 22, 2750-2759.	3.6	13
45	Inhibition of Granuloma Formation Induced by Potassium Permanganate in the Mouse by a Specific Human Recombinant Receptor Antagonist for Interleukin-1 (hrIL-1ra). Cellular Immunology, 1993, 147, 446-457.	3.0	12
46	A Comparison of Bovine Bone and Hydroxyapatite Scaffolds During Initial Bone Regeneration. Implant Dentistry, 2013, 22, 613-622.	1.3	12
47	Effects of 50 Hz sinusoidal electromagnetic fields on MCP-1 and RANTES generated from activated human macrophages. International Journal of Immunopathology and Pharmacology, 2001, 14, 169-172.	2.1	12
48	Immunocytochemical Localization of Phospholipase C Isozymes in Cord Blood and Adult T-lymphocytes. Journal of Histochemistry and Cytochemistry, 1999, 47, 929-935.	2.5	9
49	Oxygen supply modulates MCP-1 release in monocytes from young and aged rats: decrease of MCP-1 transcription and translation is age-related. Molecular and Cellular Biochemistry, 2003, 248, 1-6.	3.1	8
50	Analysis of genomic methylation level using micellar electrokinetic chromatography with UV detection. Electrophoresis, 2013, 34, 2275-2280.	2.4	8
51	Localization and Activity of iNOS in Normal Human Lung Tissue and Lung Cancer Tissue. International Journal of Biological Markers, 2007, 22, 226-231.	1.8	7
52	The biological effect of pharmacological treatment on dimethylaminohydrolases (DDAH-1) and cationic amino acid transporter-1 (CAT-1) expression in patients with acute congestive heart failure. Microvascular Research, 2011, 82, 391-396.	2.5	7
53	Salivary oxytocin, cognitive anxiety and self-confidence in pre-competition athletes. Scientific Reports, 2021, 11, 16877.	3.3	7
54	Verapamil Reduces Coronary Endothelium Damage and Cardiomyocyte Necrosis but not Apoptosis after Ischemia and Reperfusion: Ex Vivo Study in Rat Hearts. International Journal of Immunopathology and Pharmacology, 2002, 15, 225-232.	2.1	6

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55	A Scavenger Role for Nitric Oxide in the Aged Rat Kidney. International Journal of Immunopathology and Pharmacology, 2004, 17, 265-271.	2.1	6
56	The role of inducible nitric oxide synthase and haem oxygenase 1 in growth and development of dental tissue'. Cell Biochemistry and Function, 2012, 30, 217-223.	2.9	6
57	Effect of erythropoietin on primed leucocyte expression profile. Open Biology, 2014, 4, 140026.	3.6	6
58	Memory Training Program Decreases the Circulating Level of Cortisol and Pro-inflammatory Cytokines in Healthy Older Adults. Frontiers in Molecular Neuroscience, 2017, 10, 233.	2.9	6
59	Modulation of CAT-2B-Mediated l-Arginine Uptake and Nitric Oxide Biosynthesis in HCT116 Cell Line Through Biological Activity of 4â€²-Geranyloxyferulic Acid Extract from Quinoa Seeds. International Journal of Molecular Sciences, 2019, 20, 3262.	4.1	6
60	Ultrastructural Modifications and Phosphatidylinositol-3-kinase Expression and Activity in Myocardial Tissue Deriving from Rats in Different Experimental Conditions.. Cell Structure and Function, 2001, 26, 87-93.	1.1	6
61	Human recombinant interleukin-1 receptor antagonist (hrIL-1RA) inhibits prostaglandin E2 (PGE2) generation but not alkaline phosphatase activity in in vivo chronic granulomatous tissue induced by KMnO4. Immunology Letters, 1993, 37, 1-6.	2.5	5
62	BNP and iNOS in decompensated chronic heart failure: a linear correlation. Frontiers in Bioscience - Elite, 2012, E4, 1255.	1.8	5
63	Super-oxide anion production and antioxidant enzymatic activities associated with the executive functions in peripheral blood mononuclear cells of healthy adult samples. Neuroscience Research, 2016, 106, 23-28.	1.9	5
64	Erythropoietin induces miRNAâ€210 by JAK2/STAT5 signaling in PBMCs of Endâ€stage Renal Disease patients. FEBS Journal, 2020, 287, 5167-5182.	4.7	4
65	Induction of alkaline phosphatase generation by il-1Î² and LPS on human neutrophils and macrophages and lack of inhibition by interleukin-1 receptor antagonist. Inflammopharmacology, 1995, 3, 25-34.	3.9	2
66	Anti-Migratory Effects of 4â€²-Geranyloxyferulic Acid on LPS-Stimulated U937 and HCT116 Cells via MMP-9 Down-Regulation: Involvement of ROS/ERK Signaling Pathway. Antioxidants, 2020, 9, 470.	5.1	2
67	Carotid Body Nitric Oxide Activity in Spontaneously Diabetic BB Rat. Advances in Experimental Medicine and Biology, 2003, 536, 359-366.	1.6	2
68	Role of myoglobin tyrosine residues in the disproportionation reaction between heme iron(II) and heme iron(IV). Bulletin of Experimental Biology and Medicine, 1992, 113, 327-330.	0.8	1
69	Histochemical and biochemical analysis of phospholipase C isoforms in normal human gastric mucosa cells. The Anatomical Record, 2001, 262, 440-444.	1.8	1
70	Carotid Body NO-CO Interaction and Chronic Hypoxia. Advances in Experimental Medicine and Biology, 2002, 475, 685-690.	1.6	1
71	Human Genome Project and Parasitic Infections. European Journal of Inflammation, 2004, 2, 1-3.	0.5	1
72	Associations between the Antioxidant Network and Emotional Intelligence: A Preliminary Study. PLoS ONE, 2014, 9, e101247.	2.5	1

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73	Re: Emotions, immunity and sport: Winner and loser athleteâ€™s profile of fighting sport. Brain, Behavior, and Immunity, 2015, 47, 239.	4.1	1
74	Association of COMT, BDNF and 5-HTT functional polymorphisms with personality characteristics. Frontiers in Bioscience, 2021, 26, 1064.	2.1	1