Gianfranco Pintus

List of Publications by Year
in descending order

119 papers	5,905 citations	66234 42 h-index	85405 71 g-index
121 all docs	121 docs citations	121 times ranked	8705 citing authors

#	Article	IF	Citations
1	NADPH-derived ROS generation drives fibrosis and endothelial-to-mesenchymal transition in systemic sclerosis: Potential cross talk with circulating miRNAs. Biomolecular Concepts, 2022, 13, 11-24.	1.0	7
2	Nano-targeting vascular remodeling in cancer: Recent developments and future directions. Seminars in Cancer Biology, 2022, 86, 784-804.	4.3	17
3	Oxidative Stress-Induced Endothelial Dysfunction in Cardiovascular Diseases. Frontiers in Bioscience, 2022, 27, 0105.	0.8	74
4	Natural products and synthetic analogues against HIV: A perspective to develop new potential anti-HIV drugs. European Journal of Medicinal Chemistry, 2022, 233, 114217.	2.6	27
5	JC-10 probe as a novel method for analyzing the mitochondrial membrane potential and cell stress in whole zebrafish embryos. Toxicology Research, 2022, 11, 77-87.	0.9	11
6	Paraoxonase-1 Concentrations in Obstructive Sleep Apnoea: A Systematic Review and Meta-Analysis. Antioxidants, 2022, 11, 766.	2.2	1
7	Emerging cellular and molecular determinants of idiopathic pulmonary fibrosis. Cellular and Molecular Life Sciences, 2021, 78, 2031-2057.	2.4	175
8	Pharmacological and Antioxidant Activities of Rhus coriaria L. (Sumac). Antioxidants, 2021, 10, 73.	2.2	62
9	Therapeutic Potential of Resveratrol in COVID-19-Associated Hemostatic Disorders. Molecules, 2021, 26, 856.	1.7	49
10	SARS-CoV-2 and endothelial cell interaction in COVID-19: molecular perspectives. Vascular Biology (Bristol, England), 2021, 3, R15-R23.	1.2	31
11	Resveratrol-Elicited PKC Inhibition Counteracts NOX-Mediated Endothelial to Mesenchymal Transition in Human Retinal Endothelial Cells Exposed to High Glucose. Antioxidants, 2021, 10, 224.	2.2	35
12	Repurposing Ivermectin for COVID-19: Molecular Aspects and Therapeutic Possibilities. Frontiers in Immunology, 2021, 12, 663586.	2.2	26
13	Repurposing Anticancer Drugs for the Treatment of Idiopathic Pulmonary Fibrosis and Antifibrotic Drugs for the Treatment of Cancer: State of the Art. Current Medicinal Chemistry, 2021, 28, 2234-2247.	1.2	7
14	Antioxidant Properties of Olive Mill Wastewater Polyphenolic Extracts on Human Endothelial and Vascular Smooth Muscle Cells. Foods, 2021, 10, 800.	1.9	15
15	EndMT Regulation by Small RNAs in Diabetes-Associated Fibrotic Conditions: Potential Link With Oxidative Stress. Frontiers in Cell and Developmental Biology, 2021, 9, 683594.	1.8	31
16	Blood Cell Count Indexes of Systemic Inflammation in Carotid Artery Disease: Current Evidence and Future Perspectives. Current Pharmaceutical Design, 2021, 27, 2170-2179.	0.9	9
17	Circulating Malondialdehyde Concentrations in Obstructive Sleep Apnea (OSA): A Systematic Review and Meta-Analysis with Meta-Regression. Antioxidants, 2021, 10, 1053.	2.2	9
18	Chronic Inflammation and Cancer: The Role of Endothelial Dysfunction and Vascular Inflammation. Current Pharmaceutical Design, 2021, 27, 2156-2169.	0.9	13

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19	Asymmetric Dimethylarginine: a Key Player in the Pathophysiology of Endothelial Dysfunction, Vascular Inflammation and Atherosclerosis in Rheumatoid Arthritis?. Current Pharmaceutical Design, 2021, 27, 2131-2140.	0.9	20
20	Iloprost Attenuates Oxidative Stress-Dependent Activation of Collagen Synthesis Induced by Sera from Scleroderma Patients in Human Pulmonary Microvascular Endothelial Cells. Molecules, 2021, 26, 4729.	1.7	5
21	Nano-Derived Therapeutic Formulations with Curcumin in Inflammation-Related Diseases. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	37
22	Circulating Superoxide Dismutase Concentrations in Obstructive Sleep Apnoea (OSA): A Systematic Review and Meta-Analysis. Antioxidants, 2021, 10, 1764.	2.2	7
23	â€œSafeâ€•Chitosan/Zinc Oxide Nanocomposite Has Minimal Organ-Specific Toxicity in Early Stages of Zebrafish Development. ACS Biomaterials Science and Engineering, 2020, 6, 38-47.	2.6	23
24	Traumatic Brain Injury: Oxidative Stress and Novel Anti-Oxidants Such as Mitoquinone and Edaravone. Antioxidants, 2020, 9, 943.	2.2	67
25	The Mitochondria: A Target of Polyphenols in the Treatment of Diabetic Cardiomyopathy. International Journal of Molecular Sciences, 2020, 21, 4962.	1.8	27
26	Visfatin: A Possible Role in Cardiovasculo-Metabolic Disorders. Cells, 2020, 9, 2444.	1.8	48
27	Primary Melanoma of the Lung: A Systematic Review. Medicina (Lithuania), 2020, 56, 576.	0.8	12
28	Blood Cell Count Derived Inflammation Indexes in Patients with Idiopathic Pulmonary Fibrosis. Lung, 2020, 198, 821-827.	1.4	55
29	The Role of Epac in Cancer Progression. International Journal of Molecular Sciences, 2020, 21, 6489.	1.8	27
30	D-Dimer Concentrations and COVID-19 Severity: A Systematic Review and Meta-Analysis. Frontiers in Public Health, 2020, 8, 432.	1.3	85
31	Effects of Pirfenidone and Nintedanib on Markers of Systemic Oxidative Stress and Inflammation in Patients with Idiopathic Pulmonary Fibrosis: A Preliminary Report. Antioxidants, 2020, 9, 1064.	2.2	21
32	Organ-specific toxicity evaluation of stearamidopropyl dimethylamine (SAPDMA) surfactant using zebrafish embryos. Science of the Total Environment, 2020, 741, 140450.	3.9	14
33	Resveratrol Inhibits Oxidative Stress and Prevents Mitochondrial Damage Induced by Zinc Oxide Nanoparticles in Zebrafish (Danio rerio). International Journal of Molecular Sciences, 2020, 21, 3838.	1.8	49
34	Potential Adverse Effects of Resveratrol: A Literature Review. International Journal of Molecular Sciences, 2020, 21, 2084.	1.8	330
35	Herbal Medicine for Cardiovascular Diseases: Efficacy, Mechanisms, and Safety. Frontiers in Pharmacology, 2020, 11, 422.	1.6	185
36	AEO-7 surfactant is â€œsuper toxicâ€•and induces severe cardiac, liver and locomotion damage in zebrafish embryos. Environmental Sciences Europe, 2020, 32, .	2.6	8

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37	Immunogenetics of Celiac Disease: A Focus on Arab Countries. Current Molecular Medicine, 2020, 20, 275-285.	0.6	7
38	Herbal Medicine for Slowing Aging and Aging-associated Conditions: Efficacy, Mechanisms and Safety. Current Vascular Pharmacology, 2020, 18, 369-393.	0.8	56
39	MicroRNAs in Cardiac Hypertrophy. International Journal of Molecular Sciences, 2019, 20, 4714.	1.8	69
40	Impaired Liver Size and Compromised Neurobehavioral Activity are Elicited by Chitosan Nanoparticles in the Zebrafish Embryo Model. Nanomaterials, 2019, 9, 122.	1.9	33
41	Marjoram Relaxes Rat Thoracic Aorta Via a PI3-K/eNOS/cGMP Pathway. Biomolecules, 2019, 9, 227.	1.8	16
42	Plasmonic MXene-based nanocomposites exhibiting photothermal therapeutic effects with lower acute toxicity than pure MXene . International Journal of Nanomedicine, 2019, Volume 14, 4529-4539.	3.3	61
43	Flavin Oxidase-Induced ROS Generation Modulates PKC Biphasic Effect of Resveratrol on Endothelial Cell Survival. Biomolecules, 2019, 9, 209.	1.8	51
44	Flavonoids in hypertension: a brief review of the underlying mechanisms. Current Opinion in Pharmacology, 2019, 45, 57-65.	1.7	142
45	Ecotoxicological Assessment of Thermally- and Hydrogen-Reduced Graphene Oxide/TiO2 Photocatalytic Nanocomposites Using the Zebrafish Embryo Model. Nanomaterials, 2019, 9, 488.	1.9	23
46	MicroRNAs as Potential Pharmaco-targets in Ischemia-Reperfusion Injury Compounded by Diabetes. Cells, 2019, 8, 152.	1.8	41
47	Crosstalk Between Oxidative Stress and Endoplasmic Reticulum (ER) Stress in Endothelial Dysfunction and Aberrant Angiogenesis Associated With Diabetes: A Focus on the Protective Roles of Heme Oxygenase (HO)-1. Frontiers in Physiology, 2019, 10, 70.	1.3	93
48	Reduced vasorin enhances angiotensin II signaling within the aging arterial wall. Oncotarget, 2018, 9, 27117-27132.	0.8	15
49	Antioxidant Activity Mediates Pirfenidone Antifibrotic Effects in Human Pulmonary Vascular Smooth Muscle Cells Exposed to Sera of Idiopathic Pulmonary Fibrosis Patients. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	37
50	Editorial: Arterial Aging and Age-Associated Arterial Diseases. Frontiers in Genetics, 2018, 9, 444.	1.1	3
51	Nox2 Activity Is Required in Obesity-Mediated Alteration of Bone Remodeling. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	1.9	7
52	Protective Effect of Cyclically Pressurized Solidâ€“Liquid Extraction Polyphenols from Cagnulari Grape Pomace on Oxidative Endothelial Cell Death. Molecules, 2018, 23, 2105.	1.7	24
53	A Potential Link Between Oxidative Stress and Endothelial-to-Mesenchymal Transition in Systemic Sclerosis. Frontiers in Immunology, 2018, 9, 1985.	2.2	73
54	Toxicity evaluation of selected ionic liquid compounds on embryonic development of Zebrafish. Ecotoxicology and Environmental Safety, 2018, 161, 17-24.	2.9	32

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55	The march of pluripotent stem cells in cardiovascular regenerative medicine. Stem Cell Research and Therapy, 2018, 9, 201.	2.4	32
56	Epsteinâ€“Barr Virus Epidemiology, Serology, and Genetic Variability of LMP-1 Oncogene Among Healthy Population: An Update. Frontiers in Oncology, 2018, 8, 211.	1.3	199
57	Inositol 1,4,5-Trisphosphate Receptors in Hypertension. Frontiers in Physiology, 2018, 9, 1018.	1.3	26
58	N- and S-homocysteinylation reduce the binding of human serum albumin to catechins. European Journal of Nutrition, 2017, 56, 785-791.	1.8	11
59	Nose-to-brain delivery of BACE1 siRNA loaded in solid lipid nanoparticles for Alzheimerâ€™s therapy. Colloids and Surfaces B: Biointerfaces, 2017, 152, 296-301.	2.5	163
60	Oxidative stress-induced Akt downregulation mediates green tea toxicity towards prostate cancer cells. Toxicology in Vitro, 2017, 42, 255-262.	1.1	23
61	Cellular immune activation in Sardinian middle-aged, older adults and centenarians. Experimental Gerontology, 2017, 99, 133-137.	1.2	7
62	Strategies to enhance graphic and results interpretation of a regression-based approach for method comparison studies. Future Science OA, 2017, 3, FSO0194.	0.9	1
63	Evaluation of Global Genomic DNA Methylation in Human Whole Blood by Capillary Electrophoresis UV Detection. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-6.	0.7	3
64	Metabolic shift toward oxidative phosphorylation in docetaxel resistant prostate cancer cells. Oncotarget, 2016, 7, 61890-61904.	0.8	103
65	Redox Status and Proteostasis in Ageing and Disease. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-2.	1.9	1
66	Symbiotic Association with Mycoplasma hominis Can Influence Growth Rate, ATP Production, Cytolysis and Inflammatory Response of Trichomonas vaginalis. Frontiers in Microbiology, 2016, 7, 953.	1.5	32
67	Identification of the Main Intermediate Precursor of l-Ergothioneine Biosynthesis in Human Biological Specimens. Molecules, 2016, 21, 1298.	1.7	12
68	Plasma protein thiols: an early marker of oxidative stress in asthma and chronic obstructive pulmonary disease. European Journal of Clinical Investigation, 2016, 46, 181-188.	1.7	44
69	Simultaneous determination of the main amino thiol and thione in human whole blood by CE and LC. Bioanalysis, 2016, 8, 945-951.	0.6	10
70	Activation of the Pro-Oxidant PKCÎ²II-p66Shc Signaling Pathway Contributes to Pericyte Dysfunction in Skeletal Muscles of Patients With Diabetes With Critical Limb Ischemia. Diabetes, 2016, 65, 3691-3704.	0.3	48
71	An isotope dilution capillary electrophoresis/tandem mass spectrometry (CE-MS/MS) method for the simultaneous measurement of choline, betaine, and dimethylglycine concentrations in human plasma. Analytical and Bioanalytical Chemistry, 2016, 408, 7505-7512.	1.9	7
72	miR-155 Drives Metabolic Reprogramming of ER+ Breast Cancer Cells Following Long-Term Estrogen Deprivation and Predicts Clinical Response to Aromatase Inhibitors. Cancer Research, 2016, 76, 1615-1626.	0.4	82

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73	Resveratrol alters human endothelial cells redox state and causes mitochondrial-dependent cell death. Food and Chemical Toxicology, 2015, 78, 10-16.	1.8	68
74	Gestational Diabetes Mellitus Impairs Fetal Endothelial Cell Functions Through a Mechanism Involving MicroRNA-101 and Histone Methyltransferase Enhancer of Zester Homolog-2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 664-674.	1.1	100
75	Concentrations of l-ergothioneine in follicular fluids of farm animals. Comparative Clinical Pathology, 2015, 24, 1261-1265.	0.3	3
76	Amniotic fluid l-ergothioneine concentrations in pregnant sheep after natural mating and transfer of vitrified/thawed in-vitro produced embryos. Research in Veterinary Science, 2015, 102, 238-241.	0.9	7
77	Early joint degeneration and antagonism between growth factors and reactive oxygen species. Is non-surgical management possible?. Joints, 2015, 03, 123-128.	1.5	8
78	Human Serum Albumin Increases the Stability of Green Tea Catechins in Aqueous Physiological Conditions. PLoS ONE, 2015, 10, e0134690.	1.1	25
79	Clinical and Biochemical Correlates of Serum L-Ergothioneine Concentrations in Community-Dwelling Middle-Aged and Older Adults. PLoS ONE, 2014, 9, e84918.	1.1	35
80	Simultaneous determination of citrulline and arginine in human blood plasma by capillary electrophoresis with ultraviolet absorption detection. Journal of Separation Science, 2014, 37, 2418-2423.	1.3	11
81	Ultraâ€Performance Liquid Chromatographic Determination of Lâ€Ergothioneine in Commercially Available Classes of Cow Milk. Journal of Food Science, 2014, 79, C1683-7.	1.5	12
82	Evaluation of non-covalent interactions between serum albumin and green tea catechins by affinity capillary electrophoresis. Journal of Chromatography A, 2014, 1367, 167-171.	1.8	23
83	Senescent stroma promotes prostate cancer progression: The role of miRâ€210. Molecular Oncology, 2014, 8, 1729-1746.	2.1	102
84	Oxidative stress-dependent activation of collagen synthesis is induced in human pulmonary smooth muscle cells by sera from patients with scleroderma-associated pulmonary hypertension. Orphanet Journal of Rare Diseases, 2014, 9, 123.	1.2	35
85	Abstract 48: Age-associated Imbalance of Vasorin/TGF-Î²1 Signaling in VSMC Facilitates Collagen Production. Circulation Research, 2014, 115, .	2.0	0
86	Coumaric Acid Induces Mitochondrial Damage and Oxidative-Mediated Cell Death of Human Endothelial Cells. Cardiovascular Toxicology, 2013, 13, 301-306.	1.1	30
87	Quantification of Lâ€ergothioneine in whole blood by hydrophilic interaction ultraâ€performance liquid chromatography and <scp>UV</scp>â€detection. Journal of Separation Science, 2013, 36, 1002-1006.	1.3	15
88	MicroRNA-15a and MicroRNA-16 Impair Human Circulating Proangiogenic Cell Functions and Are Increased in the Proangiogenic Cells and Serum of Patients With Critical Limb Ischemia. Circulation Research, 2013, 112, 335-346.	2.0	180
89	Carbonic anhydrase IX from cancer-associated fibroblasts drives epithelial-mesenchymal transition in prostate carcinoma cells. Cell Cycle, 2013, 12, 1791-1801.	1.3	136
90	Plasma L-Ergothioneine Measurement by High-Performance Liquid Chromatography and Capillary Electrophoresis after a Pre-Column Derivatization with 5-Iodoacetamidofluorescein (5-IAF) and Fluorescence Detection. PLoS ONE, 2013, 8, e70374.	1.1	22

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91	Different Redox Response Elicited by Naturally Occurring Antioxidants in Human Endothelial Cells. The Open Biochemistry Journal, 2013, 7, 44-53.	0.3	30
92	Antioxidant activity of supercritical carbon dioxide extracts of Salvia desoleana on two human endothelial cell models. Food Research International, 2012, 46, 354-359.	2.9	13
93	Apricot Melanoidins Prevent Oxidative Endothelial Cell Death by Counteracting Mitochondrial Oxidation and Membrane Depolarization. PLoS ONE, 2012, 7, e48817.	1.1	45
94	Targeted Biocompatible Nanoparticles for the Delivery of (â˜)-Epigallocatechin 3-Gallate to Prostate Cancer Cells. Journal of Medicinal Chemistry, 2011, 54, 1321-1332.	2.9	139
95	Development of Polymeric Microbubbles Targeted to Prostate-Specific Membrane Antigen as Prototype of Novel Ultrasound Contrast Agents. Molecular Pharmaceutics, 2011, 8, 748-757.	2.3	69
96	Improved method for plasma ADMA, SDMA, and arginine quantification by field-amplified sample injection capillary electrophoresis UV detection. Analytical and Bioanalytical Chemistry, 2011, 399, 1815-1821.	1.9	31
97	Novel docetaxel-loaded nanoparticles based on poly(lactide-co-caprolactone) and poly(lactide-co-glycolide-co-caprolactone) for prostate cancer treatment: formulation, characterization, and cytotoxicity studies. Nanoscale Research Letters, 2011, 6, 260.	3.1	119
98	The Oxidative State of LDL is the Major Determinant of Anti/Prooxidant Effect of Coffee on Cu2+ Catalysed Peroxidation. The Open Biochemistry Journal, 2011, 5, 1-8.	0.3	8
99	Prune melanoidins protect against oxidative stress and endothelial cell death. Frontiers in Bioscience - Elite, 2011, E3, 1034-1041.	0.9	6
100	Akt Downregulation by Flavin Oxidaseâ€“Induced ROS Generation Mediates Dose-Dependent Endothelial Cell Damage Elicited by Natural Antioxidants. Toxicological Sciences, 2010, 114, 101-112.	1.4	66
101	Milk Fat Globule Protein Epidermal Growth Factor-8. Circulation Research, 2009, 104, 1337-1346.	2.0	99
102	S-homocysteinylated LDL apolipoprotein B adversely affects human endothelial cells in vitro. Atherosclerosis, 2009, 206, 40-46.	0.4	33
103	Increased Aortic Calpain-1 Activity Mediates Age-Associated Angiotensin II Signaling of Vascular Smooth Muscle Cells. PLoS ONE, 2008, 3, e2231.	1.1	90
104	Proinflammatory Profile Within the Grossly Normal Aged Human Aortic Wall. Hypertension, 2007, 50, 219-227.	1.3	232
105	Matrix Metalloproteinase 2 Activation of Transforming Growth Factor-Î²1 (TGF-Î²1) and TGF-Î²1â€“Type II Receptor Signaling Within the Aged Arterial Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1503-1509.	1.1	227
106	Angiotensin II Activates Matrix Metalloproteinase Type II and Mimics Age-Associated Carotid Arterial Remodeling in Young Rats. American Journal of Pathology, 2005, 167, 1429-1442.	1.9	170
107	PKC/Raf/MEK/ERK signaling pathway modulates native-LDL-induced E2F-1 gene expression and endothelial cell proliferation. Cardiovascular Research, 2003, 59, 934-944.	1.8	45
108	Targeting Kinin B1Receptor for Therapeutic Neovascularization. Circulation, 2002, 105, 360-366.	1.6	113

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109	The anti-metastatic agent imidazolium trans-imidazoledimethylsulfoxide-tetrachlororuthenate induces endothelial cell apoptosis by inhibiting the mitogen-activated protein kinase/extracellular signal-regulated kinase signaling pathway. Archives of Biochemistry and Biophysics, 2002, 403, 209-218.	1.4	63
110	Inhibition of the MEK/ERK signaling pathway by the novel antimetastatic agent NAMI-A down regulates c-myc gene expression and endothelial cell proliferation. FEBS Journal, 2002, 269, 5861-5870.	0.2	67
111	Elf-pulsed magnetic fields modulate opioid peptide gene expression in myocardial cells. Cardiovascular Research, 2000, 45, 1054-1064.	1.8	35
112	Heparin down-regulates the phorbol ester-induced protein kinase C gene expression in human endothelial cells: enzyme-mediated autoregulation of protein kinase C-Î± and -Î´ genes1. FEBS Letters, 1999, 449, 135-140.	1.3	8
113	Heparin inhibits phorbol ester-induced ornithine decarboxylase gene expression in endothelial cells. FEBS Letters, 1998, 423, 98-104.	1.3	9
114	Nuclear Opioid Receptors Activate Opioid Peptide Gene Transcription in Isolated Myocardial Nuclei. Journal of Biological Chemistry, 1998, 273, 13383-13386.	1.6	46
115	Opioid Peptide Gene Expression in the Primary Hereditary Cardiomyopathy of the Syrian Hamster. Journal of Biological Chemistry, 1997, 272, 6685-6692.	1.6	30
116	Opioid Peptide Gene Expression in the Primary Hereditary Cardiomyopathy of the Syrian Hamster. Journal of Biological Chemistry, 1997, 272, 6699-6705.	1.6	31
117	Opioid Peptide Gene Expression in the Primary Hereditary Cardiomyopathy of the Syrian Hamster. Journal of Biological Chemistry, 1997, 272, 6693-6698.	1.6	17
118	Phorbol Ester Regulation of Opioid Peptide Gene Expression in Myocardial Cells. Journal of Biological Chemistry, 1995, 270, 30115-30120.	1.6	32
119	Disease-Associated Regulation of Non-Coding RNAs by Resveratrol: Molecular Insights and Therapeutic Applications. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	14