Francesco Cimino

List of Publications by Year
in descending order

77 papers	2,983 citations	159585 30 h-index	175258 52 g-index
77 all docs	77 docs citations	77 times ranked	4335 citing authors

#	Article	IF	Citations
1	Cyanidin-3-O-glucoside protects intestinal epithelial cells from palmitate-induced lipotoxicity. Archives of Physiology and Biochemistry, 2023, 129, 379-386.	2.1	18
2	Effects of a pinitol-rich Glycyrrhiza glabra L. leaf extract on insulin and inflammatory signaling pathways in palmitate-induced hypertrophic adipocytes. Natural Product Research, 2022, 36, 4762-4769.	1.8	4
3	In Vitro Protective Effects of a Standardized Extract From Cynara Cardunculus L. Leaves Against TNF-Î±-Induced Intestinal Inflammation. Frontiers in Pharmacology, 2022, 13, 809938.	3.5	16
4	Recent Advances in Glycyrrhetinic Acid-Functionalized Biomaterials for Liver Cancer-Targeting Therapy. Molecules, 2022, 27, 1775.	3.8	21
5	Nano-Hybrid Au@LCCs Systems Displaying Anti-Inflammatory Activity. Materials, 2022, 15, 3701.	2.9	2
6	Silibinin as potential tool against <scp>SARSâ€Cov</scp>â€2: In silico spike <scp>receptorâ€binding</scp> domain and main protease molecular docking analysis, and in vitro endothelial protective effects. Phytotherapy Research, 2021, 35, 4616-4625.	5.8	32
7	Comparison of Phytochemical Profile and Bioproperties of Methanolic Extracts from Different Parts of Tunisian Rumex roseus. Chemistry and Biodiversity, 2021, 18, e2100185.	2.1	4
8	Evaluation of Antioxidant, Antiâ€Inflammatory and Antityrosinase Potential of Extracts from Different Aerial Parts ofRhanterium suaveolensfrom Tunisia. Chemistry and Biodiversity, 2021, 18, e2100316.	2.1	10
9	Natural Product-Based Hybrids as Potential Candidates for the Treatment of Cancer: Focus on Curcumin and Resveratrol. Molecules, 2021, 26, 4665.	3.8	17
10	Interaction of selected terpenoids with two SARS-CoV-2 key therapeutic targets: An in silico study through molecular docking and dynamics simulations. Computers in Biology and Medicine, 2021, 134, 104538.	7.0	25
11	In Vitro Effects of Cyanidinâ€3â€O â€Glucoside on Inflammatory and Insulinâ€Sensitizing Genes in Human Adipocytes Exposed to Palmitic Acid. Chemistry and Biodiversity, 2021, , e2100607.	2.1	3
12	LCâ€DADâ€ESIâ€MS and HPLCâ€DAD phytochemical investigation and in vitro antioxidant assessment of Rosa sp. stem pruning products from different northern areas in Tunisia. Phytochemical Analysis, 2020, 31, 98-111.	2.4	10
13	Cyanidin-3-O-glucoside restores insulin signaling and reduces inflammation in hypertrophic adipocytes. Archives of Biochemistry and Biophysics, 2020, 691, 108488.	3.0	34
14	Hydrogels for the Delivery of Plant-Derived (Poly)Phenols. Molecules, 2020, 25, 3254.	3.8	25
15	A pinitol-rich Glycyrrhiza glabra L. leaf extract as functional supplement with potential in the prevention of endothelial dysfunction through improving insulin signalling. Archives of Physiology and Biochemistry, 2020, , 1-10.	2.1	3
16	Phytochemical and Biological Characterization of Methanolic Extracts from Rumex algeriensis and Rumex tunetanus. Chemistry and Biodiversity, 2020, 17, e2000345.	2.1	6
17	Anthocyanins As Modulators of Cell Redox-Dependent Pathways in Non-Communicable Diseases. Current Medicinal Chemistry, 2020, 27, 1955-1996.	2.4	15
18	Curcumin potentiates the antitumor activity of Paclitaxel in rat glioma C6 cells. Phytomedicine, 2019, 55, 23-30.	5.3	40

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19	Role of Herpes Simplex Envelope Glycoprotein B and Toll-Like Receptor 2 in Ocular Inflammation: An Ex Vivo Organotypic Rabbit Corneal Model. Viruses, 2019, 11, 819.	3.3	15
20	Anthocyanins ameliorate palmitateâ€induced inflammation and insulin resistance in 3T3â€L1 adipocytes. Phytotherapy Research, 2019, 33, 1888-1897.	5.8	32
21	Need (more than) two to Tango: Multiple tools to adapt to changes in oxygen availability. BioFactors, 2018, 44, 207-218.	5.4	27
22	Experimental exposure of blue mussels (Mytilus galloprovincialis) to high levels of benzo[a]pyrene and possible implications for human health. Ecotoxicology and Environmental Safety, 2018, 150, 96-103.	6.0	29
23	Flavonoid profile, antioxidant and antiglycation properties of Retama sphaerocarpa fruits extracts. Natural Product Research, 2018, 32, 1911-1919.	1.8	19
24	Curcumin ameliorates the in vitro efficacy of carfilzomib in human multiple myeloma U266 cells targeting p53 and NF-ÎºB pathways. Toxicology in Vitro, 2018, 47, 186-194.	2.4	49
25	Phytochemical profiles, phototoxic and antioxidant properties of eleven Hypericum species â€“ A comparative study. Phytochemistry, 2018, 152, 162-173.	2.9	101
26	Alpha-lipoic acid, but not di-hydrolipoic acid, activates Nrf2 response in primary human umbilical-vein endothelial cells and protects against TNF-Î± induced endothelium dysfunction. Archives of Biochemistry and Biophysics, 2018, 655, 18-25.	3.0	21
27	How gene polymorphisms can influence clinical response and toxicity following R-CHOP therapy in patients with diffuse large B cell lymphoma. Blood Reviews, 2017, 31, 235-249.	5.7	9
28	Cyanidin-3-O-glucoside ameliorates palmitate-induced insulin resistance by modulating IRS-1 phosphorylation and release of endothelial derived vasoactive factors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 351-357.	2.4	46
29	Exposure to Anisakis extracts can induce inflammation on in vitro cultured human colonic cells. Parasitology Research, 2017, 116, 2471-2477.	1.6	17
30	Low nanomolar caffeic acid attenuates high glucoseâ€induced endothelial dysfunction in primary human umbilicalâ€vein endothelial cells by affecting NFâ€ÎºB and Nrf2 pathways. BioFactors, 2017, 43, 54-62.	5.4	41
31	Cyanidin-3-O-Glucoside Modulates the In Vitro Inflammatory Crosstalk between Intestinal Epithelial and Endothelial Cells. Mediators of Inflammation, 2017, 2017, 1-8.	3.0	54
32	Protective activity of an anthocyanin-rich extract from bilberries and blackcurrants on acute acetaminophen-induced hepatotoxicity in rats. Natural Product Research, 2016, 30, 2845-2849.	1.8	14
33	Comparative study of phenolic composition and antioxidant activity of leaf extracts from three wild Rosa species grown in different Tunisia regions: Rosa canina L., Rosa moschata Herrm. and Rosa sempervirens L.. Industrial Crops and Products, 2016, 94, 167-177.	5.2	56
34	Cyanidin-3- O -glucoside inhibits NF-kB signalling in intestinal epithelial cells exposed to TNF-Î± and exerts protective effects via Nrf2 pathway activation. Toxicology Letters, 2016, 264, 51-58.	0.8	104
35	Berry anthocyanins reduce proliferation of human colorectal carcinoma cells by inducing caspase-3 activation and p21 upregulation. Molecular Medicine Reports, 2016, 14, 1397-1403.	2.4	38
36	A red orange extract modulates the vascular response to a recreational dive: a pilot study on the effect of anthocyanins on the physiological consequences of scuba diving. Natural Product Research, 2016, 30, 2101-2106.	1.8	10

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37	Antioxidant and anti-inflammatory properties of Algerian Thymelaea microphylla coss. and dur. extracts. Pharmacognosy Magazine, 2016, 12, 203.	0.6	17
38	Flavonoid profile, antioxidant and cytotoxic activity of different extracts from Algerian Rhamnus alaternus L. bark. Pharmacognosy Magazine, 2015, 11, 102.	0.6	25
39	<scp>TLR</scp>2 activation in corneal stromal cells by Staphylococcus aureusâ€induced keratitis. Apmis, 2015, 123, 163-168.	2.0	28
40	Palmitate-induced endothelial dysfunction is attenuated by cyanidin-3-O-glucoside through modulation of Nrf2/Bach1 and NF-ÎºB pathways. Toxicology Letters, 2015, 239, 152-160.	0.8	78
41	Exposure of sea bream (Sparus aurata) to toxic concentrations of benzo[a]pyrene: possible human health effect. Ecotoxicology and Environmental Safety, 2015, 122, 116-125.	6.0	15
42	Cytotoxic effects inducedin vitroby organic extracts from urban air particulate matter in human leukocytes. Drug and Chemical Toxicology, 2014, 37, 32-39.	2.3	17
43	Cyanidin-3-O-glucoside modulates intracellular redox status and prevents HIF-1 stabilization in endothelial cells in vitro exposed to chronic hypoxia. Toxicology Letters, 2014, 226, 206-213.	0.8	35
44	Anthocyanins in Vascular Diseases. , 2014, , 923-941.		5
45	Alteration in Synaptic Junction Proteins following Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 1375-1385.	3.4	28
46	Bioavailability and molecular activities of anthocyanins as modulators of endothelial function. Genes and Nutrition, 2014, 9, 404.	2.5	70
47	Anthocyanins protect human endothelial cells from mild hyperoxia damage through modulation of Nrf2 pathway. Genes and Nutrition, 2013, 8, 391-399.	2.5	48
48	Exposure to alcohol and tobacco smoke causes oxidative stress in rats. Pharmacological Reports, 2013, 65, 906-913.	3.3	32
49	Cyanidin-3-O -glucoside counters the response to TNF-alpha of endothelial cells by activating Nrf2 pathway. Molecular Nutrition and Food Research, 2013, 57, 1979-1987.	3.3	82
50	Resveratrol role inStaphylococcus aureus-induced corneal inflammation. Pathogens and Disease, 2013, 68, 61-64.	2.0	26
51	Pulsed high oxygen induces a hypoxic-like response in human umbilical endothelial cells and in humans. Journal of Applied Physiology, 2012, 113, 1684-1689.	2.5	47
52	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. Organic and Biomolecular Chemistry, 2012, 10, 1025-1031.	2.8	38
53	Increased serum levels of advanced oxidation protein products and glycation end products in subjects exposed to low-dose benzene. International Journal of Hygiene and Environmental Health, 2012, 215, 389-392.	4.3	21
54	Cellular adaptive response to glutathione depletion modulates endothelial dysfunction triggered by TNF-Î±. Toxicology Letters, 2011, 207, 291-297.	0.8	28

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55	Phytocomplexes from liquorice (Glycyrrhiza glabra L.) leaves â€" Chemical characterization and evaluation of their antioxidant, anti-genotoxic and anti-inflammatory activity. FÃ¬toterapÃ¬Ã¢, 2011, 82, 546-556.	2.2	114
56	Nutritional Antioxidants and Adaptive Cell Responses: An Update. Current Molecular Medicine, 2011, 11, 770-789.	1.3	123
57	Simvastatin Administration Ameliorates Neurobehavioral Consequences of Subarachnoid Hemorrhage in the Rat. Journal of Neurotrauma, 2011, 28, 2493-2501.	3.4	15
58	In Vitro Protective Effects of Two Extracts from Bergamot Peels on Human Endothelial Cells Exposed to Tumor Necrosis Factor-Î± (TNF-Î±). Journal of Agricultural and Food Chemistry, 2010, 58, 8430-8436.	5.2	49
59	Cyanidin-3-O-glucoside Protection against TNF-Î±-Induced Endothelial Dysfunction: Involvement of Nuclear Factor-ÎºB Signaling. Journal of Agricultural and Food Chemistry, 2010, 58, 12048-12054.	5.2	104
60	Recovery of anthocyanins from eggplant peel. Food Chemistry, 2009, 114, 434-439.	8.2	89
61	Common buzzards (Buteo buteo) bio-indicators of heavy metals pollution in Sicily (Italy). Environment International, 2009, 35, 594-598.	10.0	62
62	Serum levels of carbonylated and nitrosylated proteins in mobbing victims with workplace adjustment disorders. Biological Psychology, 2009, 82, 308-311.	2.2	18
63	Glutathione Metabolism: Favorable Versus Unfavorable Effects. , 2008, , 203-229.		1
64	Protective effects of a standardised red orange extract on air pollution-induced oxidative damage in traffic police officers. Natural Product Research, 2008, 22, 1544-1551.	1.8	18
65	Radical-scavenging capacity of several Italian red wines. Food Chemistry, 2007, 103, 75-81.	8.2	64
66	Protective effects of a red orange extract on UVBâ€induced damage in human keratinocytes. BioFactors, 2007, 30, 129-138.	5.4	70
67	Effect of Cyanidin-3-O-glucoside on UVB-Induced Response in Human Keratinocytes. Journal of Agricultural and Food Chemistry, 2006, 54, 4041-4047.	5.2	72
68	In vitro protective effect of a Jacquez grapes wine extract on UVB-induced skin damage. Toxicology in Vitro, 2006, 20, 1395-1402.	2.4	42
69	Increased protein carbonyl groups in the serum of patients affected by thalassemia major. Annals of Hematology, 2006, 85, 520-522.	1.8	24
70	Influence of heating on antioxidant activity and the chemical composition of some spice essential oils. Food Chemistry, 2005, 89, 549-554.	8.2	357
71	Modification of the content of plasma protein carbonyl groups in donors after granulocyte colony stimulating factor-induced stem cell mobilization. Transfusion and Apheresis Science, 2005, 33, 141-146.	1.0	4
72	Oxidative stress in handball players: effect of supplementation with a red orange extract. Nutrition Research, 2005, 25, 917-924.	2.9	24

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73	Synthesis and â€œdouble-facedâ€•antioxidant activity of polyhydroxylated 4-thiaflavans. Organic and Biomolecular Chemistry, 2005, 3, 3066.	2.8	49
74	Toxic effect of nickel in an in vitro model of human oral epithelium. Toxicology Letters, 2005, 159, 219-225.	0.8	56
75	Serum levels of malondialdehyde and 4-hydroxy-2,3-nonenal in patients affected by familial chronic nail candidiasis. Inflammation Research, 2004, 53, 601-603.	4.0	4
76	Protein carbonyl group content in patients affected by familiar chronic nail candidiasis. Mediators of Inflammation, 2003, 12, 247-249.	3.0	2
77	Chemical analysis and photoprotective effect of an extract of wine fromJacquez grapes. Journal of the Science of Food and Agriculture, 2002, 82, 1867-1874.	3.5	15