

# Antonio Speciale

## List of Publications by Citations

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68  
papers

1,630  
citations

26  
h-index

37  
g-index

69  
ext. papers

1,980  
ext. citations

4  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
68	Nutritional antioxidants and adaptive cell responses: an update. <i>Current Molecular Medicine</i> , <b>2011</b> , 11, 770-89	2.5	104
67	Cyanidin-3-O-glucoside protection against TNF- $\alpha$ -induced endothelial dysfunction: involvement of nuclear factor- $\kappa$ B signaling. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 12048-54	5.7	96
66	Cyanidin-3-O-glucoside inhibits NF- $\kappa$ B signalling in intestinal epithelial cells exposed to TNF- $\alpha$ and exerts protective effects via Nrf2 pathway activation. <i>Toxicology Letters</i> , <b>2016</b> , 264, 51-58	4.4	81
65	Cyanidin-3-O-glucoside counters the response to TNF- $\alpha$ of endothelial cells by activating Nrf2 pathway. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1979-87	5.9	64
64	Bioavailability and molecular activities of anthocyanins as modulators of endothelial function. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 404	4.3	63
63	Palmitate-induced endothelial dysfunction is attenuated by cyanidin-3-O-glucoside through modulation of Nrf2/Bach1 and NF- $\kappa$ B pathways. <i>Toxicology Letters</i> , <b>2015</b> , 239, 152-60	4.4	62
62	Phytochemical profiles, phototoxic and antioxidant properties of eleven Hypericum species - A comparative study. <i>Phytochemistry</i> , <b>2018</b> , 152, 162-173	4	59
61	Biomolecular characterization of wild sicilian oregano: phytochemical screening of essential oils and extracts, and evaluation of their antioxidant activities. <i>Chemistry and Biodiversity</i> , <b>2013</b> , 10, 411-33	2.5	50
60	In vitro protective effects of two extracts from bergamot peels on human endothelial cells exposed to tumor necrosis factor- $\alpha$ (TNF- $\alpha$ ). <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 8430-6	5.7	45
59	Cyanidin-3-O-glucoside ameliorates palmitate-induced insulin resistance by modulating IRS-1 phosphorylation and release of endothelial derived vasoactive factors. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 351-357	5	41
58	Anthocyanins protect human endothelial cells from mild hyperoxia damage through modulation of Nrf2 pathway. <i>Genes and Nutrition</i> , <b>2013</b> , 8, 391-9	4.3	41
57	Increase of novel biomarkers for oxidative stress in patients with plasma cell disorders and in multiple myeloma patients with bone lesions. <i>Inflammation Research</i> , <b>2012</b> , 61, 1063-7	7.2	39
56	In vitro protective effect of a Jacquez grapes wine extract on UVB-induced skin damage. <i>Toxicology in Vitro</i> , <b>2006</b> , 20, 1395-402	3.6	39
55	Cyanidin-3-O-Glucoside Modulates the In Vitro Inflammatory Crosstalk between Intestinal Epithelial and Endothelial Cells. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 3454023	4.3	35
54	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 1025-31	3.9	35
53	Circulating Advanced Oxidation Protein Products as Oxidative Stress Biomarkers and Progression Mediators in Pathological Conditions Related to Inflammation and Immune Dysregulation. <i>Current Medicinal Chemistry</i> , <b>2016</b> , 23, 3862-3882	4.3	35
52	The Community Pharmacist: Perceived Barriers and Patient-Centered Care Communication. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	32

51	Low nanomolar caffeic acid attenuates high glucose-induced endothelial dysfunction in primary human umbilical-vein endothelial cells by affecting NF- $\kappa$ B and Nrf2 pathways. <i>BioFactors</i> , <b>2017</b> , 43, 54-62	6.1	32
50	Cyanidin-3-O-glucoside modulates intracellular redox status and prevents HIF-1 stabilization in endothelial cells in vitro exposed to chronic hypoxia. <i>Toxicology Letters</i> , <b>2014</b> , 226, 206-13	4.4	31
49	High endogenous melatonin levels in critically ill children: a pilot study. <i>Journal of Pediatrics</i> , <b>2013</b> , 162, 357-60	3.6	31
48	Curcumin ameliorates the in vitro efficacy of carfilzomib in human multiple myeloma U266 cells targeting p53 and NF- $\kappa$ B pathways. <i>Toxicology in Vitro</i> , <b>2018</b> , 47, 186-194	3.6	31
47	Relationship between advanced oxidation protein products, advanced glycation end products, and S-nitrosylated proteins with biological risk and MDR-1 polymorphisms in patients affected by B-chronic lymphocytic leukemia. <i>Cancer Investigation</i> , <b>2012</b> , 30, 20-6	2.1	30
46	Pulsed high oxygen induces a hypoxic-like response in human umbilical endothelial cells and in humans. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1684-9	3.7	30
45	Curcumin potentiates the antitumor activity of Paclitaxel in rat glioma C6 cells. <i>Phytomedicine</i> , <b>2019</b> , 55, 23-30	6.5	27
44	Cellular adaptive response to glutathione depletion modulates endothelial dysfunction triggered by TNF- $\alpha$ <i>Toxicology Letters</i> , <b>2011</b> , 207, 291-7	4.4	27
43	Berry anthocyanins reduce proliferation of human colorectal carcinoma cells by inducing caspase-3 activation and p21 upregulation. <i>Molecular Medicine Reports</i> , <b>2016</b> , 14, 1397-403	2.9	26
42	Phytochemical, Ecological and Antioxidant Evaluation of Wild Sicilian Thyme: <i>Thymbra capitata</i> (L.) Cav. <i>Chemistry and Biodiversity</i> , <b>2016</b> , 13, 1641-1655	2.5	24
41	Experimental exposure of blue mussels ( <i>Mytilus galloprovincialis</i> ) to high levels of benzo[a]pyrene and possible implications for human health. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 150, 96-103	7	20
40	Wild Sicilian rosemary: phytochemical and morphological screening and antioxidant activity evaluation of extracts and essential oils. <i>Chemistry and Biodiversity</i> , <b>2015</b> , 12, 1075-94	2.5	20
39	Anthocyanins ameliorate palmitate-induced inflammation and insulin resistance in 3T3-L1 adipocytes. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 1888-1897	6.7	19
38	Need (more than) two to Tango: Multiple tools to adapt to changes in oxygen availability. <i>BioFactors</i> , <b>2018</b> , 44, 207-218	6.1	19
37	Biocompatible silver nanoparticles embedded in a PEG/PLA polymeric matrix for stimulated laser light drug release. <i>Journal of Nanoparticle Research</i> , <b>2016</b> , 18, 1	2.3	19
36	Flavonoid profile, antioxidant and cytotoxic activity of different extracts from Algerian <i>Rhamnus alaternus</i> L. bark. <i>Pharmacognosy Magazine</i> , <b>2015</b> , 11, S102-9	0.8	19
35	Raman spectroscopy differentiates between sensitive and resistant multiple myeloma cell lines. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 187, 15-22	4.4	18
34	Evaluation of biological response induced by molybdenum oxide nanocolloids on in vitro cultured NIH/3T3 fibroblast cells by micro-Raman spectroscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 170, 233-241	6	18

33	TLR2 activation in corneal stromal cells by Staphylococcus aureus-induced keratitis. <i>Apmis</i> , <b>2015</b> , 123, 163-8	3.4	17
32	Resveratrol role in Staphylococcus aureus-induced corneal inflammation. <i>Pathogens and Disease</i> , <b>2013</b> , 68, 61-4	4.2	17
31	Antioxidant and Anti-inflammatory Properties of Algerian Thymelaea microphylla Coss. and Dur. Extracts. <i>Pharmacognosy Magazine</i> , <b>2016</b> , 12, 203-10	0.8	16
30	Cyanidin-3-O-glucoside restores insulin signaling and reduces inflammation in hypertrophic adipocytes. <i>Archives of Biochemistry and Biophysics</i> , <b>2020</b> , 691, 108488	4.1	16
29	Alpha-lipoic acid, but not di-hydrolipoic acid, activates Nrf2 response in primary human umbilical-vein endothelial cells and protects against TNF- $\alpha$ -induced endothelium dysfunction. <i>Archives of Biochemistry and Biophysics</i> , <b>2018</b> , 655, 18-25	4.1	15
28	Cytotoxic effects induced in vitro by organic extracts from urban air particulate matter in human leukocytes. <i>Drug and Chemical Toxicology</i> , <b>2014</b> , 37, 32-9	2.3	15
27	Serum levels of carbonylated and nitrosylated proteins in mobbing victims with workplace adjustment disorders. <i>Biological Psychology</i> , <b>2009</b> , 82, 308-11	3.2	15
26	Simvastatin administration ameliorates neurobehavioral consequences of subarachnoid hemorrhage in the rat. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 2493-501	5.4	14
25	Exposure of sea bream ( <i>Sparus aurata</i> ) to toxic concentrations of benzo[a]pyrene: possible human health effect. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 122, 116-25	7	13
24	Exposure to Anisakis extracts can induce inflammation on in vitro cultured human colonic cells. <i>Parasitology Research</i> , <b>2017</b> , 116, 2471-2477	2.4	13
23	Role of Herpes Simplex Envelope Glycoprotein B and Toll-Like Receptor 2 in Ocular Inflammation: An ex vivo Organotypic Rabbit Corneal Model. <i>Viruses</i> , <b>2019</b> , 11,	6.2	11
22	Flavonoid profile, antioxidant and antiglycation properties of Retama sphaerocarpa fruits extracts. <i>Natural Product Research</i> , <b>2018</b> , 32, 1911-1919	2.3	11
21	Anthocyanins As Modulators of Cell Redox-Dependent Pathways in Non-Communicable Diseases. <i>Current Medicinal Chemistry</i> , <b>2020</b> , 27, 1955-1996	4.3	10
20	Protective activity of an anthocyanin-rich extract from bilberries and blackcurrants on acute acetaminophen-induced hepatotoxicity in rats. <i>Natural Product Research</i> , <b>2016</b> , 30, 2845-2849	2.3	10
19	Nanomolar Caffeic Acid Decreases Glucose Uptake and the Effects of High Glucose in Endothelial Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142421	3.7	9
18	Interaction of selected terpenoids with two SARS-CoV-2 key therapeutic targets: An in silico study through molecular docking and dynamics simulations. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 134, 104538	7	8
17	How gene polymorphisms can influence clinical response and toxicity following R-CHOP therapy in patients with diffuse large B cell lymphoma. <i>Blood Reviews</i> , <b>2017</b> , 31, 235-249	11.1	7
16	Hydrogels for the Delivery of Plant-Derived (Poly)Phenols. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

15	Bitter Orange ( <i>Citrus aurantium</i> L.) Oils <b>2016</b> , 259-268		6
14	Cyanidin-3-O-glucoside protects intestinal epithelial cells from palmitate-induced lipotoxicity. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 1-8	2.2	5
13	Silibinin as potential tool against SARS-Cov-2: In silico spike receptor-binding domain and main protease molecular docking analysis, and in vitro endothelial protective effects. <i>Phytotherapy Research</i> , <b>2021</b> , 35, 4616-4625	6.7	5
12	Molybdenum oxide nanocolloids prepared by an external field-assisted laser ablation in water. <i>EPJ Web of Conferences</i> , <b>2018</b> , 167, 04009	0.3	4
11	Anthocyanins in Vascular Diseases <b>2014</b> , 923-941		4
10	Phytochemical and Biological Characterization of Methanolic Extracts from <i>Rumex algeriensis</i> and <i>Rumex tunetanus</i> . <i>Chemistry and Biodiversity</i> , <b>2020</b> , 17, e2000345	2.5	3
9	Protective Effects of a Standardized Extract From L. Leaves Against TNF- $\alpha$ -Induced Intestinal Inflammation.. <i>Frontiers in Pharmacology</i> , <b>2022</b> , 13, 809938	5.6	3
8	Natural Product-Based Hybrids as Potential Candidates for the Treatment of Cancer: Focus on Curcumin and Resveratrol. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
7	A pinitol-rich L. leaf extract as functional supplement with potential in the prevention of endothelial dysfunction through improving insulin signalling. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 1-10	2.2	2
6	Protective effect of Mediterranean fish oil extracts on heat-induced denaturation of albumin. <i>Journal of Pharmacy and Pharmacology</i> , <b>2006</b> , 58, 1411-3	4.8	2
5	Comparison of Phytochemical Profile and Bioproperties of Methanolic Extracts from Different Parts of Tunisian <i>Rumex roseus</i> . <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100185	2.5	2
4	Evaluation of Antioxidant, Anti-Inflammatory and Antityrosinase Potential of Extracts from Different Aerial Parts of <i>Rhanterium suaveolens</i> from Tunisia. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100316	2.5	2
3	Effects of a pinitol-rich L. leaf extract on insulin and inflammatory signaling pathways in palmitate-induced hypertrophic adipocytes. <i>Natural Product Research</i> , <b>2021</b> , 1-8	2.3	1
2	Nano-Hybrid Au@LCCs Systems Displaying Anti-Inflammatory Activity. <i>Materials</i> , <b>2022</b> , 15, 3701	3.5	1
1	In Vitro Effects of Cyanidin-3-O-Glucoside on Inflammatory and Insulin-Sensitizing Genes in Human Adipocytes Exposed to Palmitic Acid. <i>Chemistry and Biodiversity</i> , <b>2021</b> , e2100607	2.5	0