

Sergio Davinelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

1,860
citations

24
h-index

42
g-index

81
ext. papers

2,480
ext. citations

5.1
avg, IF

5.34
L-index

#	Paper	IF	Citations
71	Astaxanthin as a Modulator of Nrf2, NF- κ B, and Their Crosstalk: Molecular Mechanisms and Possible Clinical Applications.. <i>Molecules</i> , 2022 , 27,	4.8	2
70	Effect of omega-3 fatty acids on the telomere length: A mini meta-analysis of clinical trials.. <i>Biomolecular Concepts</i> , 2022 , 13, 25-33	3.7	1
69	Assessment of the Diagnostic Performance of a Novel SARS-CoV-2 Antigen Sealing Tube Test Strip (Colloidal Gold) as Point-of-Care Surveillance Test. <i>Diagnostics</i> , 2022 , 12, 1279	3.8	0
68	Omega-3 index and AA/EPA ratio as biomarkers of running-related injuries: An observational study in recreational runners. <i>European Journal of Sport Science</i> , 2021 , 1-9	3.9	0
67	Healthy ageing and Mediterranean diet: A focus on hormetic phytochemicals. <i>Mechanisms of Ageing and Development</i> , 2021 , 200, 111592	5.6	1
66	Exploring the Impact of Flavonoids on Symptoms of Depression: A Systematic Review and Meta-Analysis. <i>Antioxidants</i> , 2021 , 10,	7.1	2
65	Frailty syndrome: A target for functional nutrients?. <i>Mechanisms of Ageing and Development</i> , 2021 , 195, 111441	5.6	6
64	Effects of Flavonoid Supplementation on Common Eye Disorders: A Systematic Review and Meta-Analysis of Clinical Trials. <i>Frontiers in Nutrition</i> , 2021 , 8, 651441	6.2	3
63	Metabolic indices of polyunsaturated fatty acids: current evidence, research controversies, and clinical utility. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 259-274	11.5	6
62	Nutritional biomarkers in aging research 2021 , 295-317		
61	Influence of gut microbiota on eye diseases: an overview. <i>Annals of Medicine</i> , 2021 , 53, 750-761	1.5	4
60	Carotenoids and Cognitive Outcomes: A Meta-Analysis of Randomized Intervention Trials. <i>Antioxidants</i> , 2021 , 10,	7.1	13
59	Crosslinked Hyaluronic Acid with Liposomes and Crocin Confers Cytoprotection in an Experimental Model of Dry Eye. <i>Molecules</i> , 2021 , 26,	4.8	4
58	Effect of Tocilizumab in Reducing the Mortality Rate in COVID-19 Patients: A Systematic Review with Meta-Analysis. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	7
57	Caloric Restriction Mimetics in Nutrition and Clinical Trials. <i>Frontiers in Nutrition</i> , 2021 , 8, 717343	6.2	14
56	Interactions between dietary polyphenols and aging gut microbiota: A review. <i>BioFactors</i> , 2021 ,	6.1	4
55	Polyphenols as Caloric Restriction Mimetics Regulating Mitochondrial Biogenesis and Mitophagy. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 536-550	8.8	31

54	Preliminary in Vitro Studies on Pathogenetic Mechanisms, a Possible Candidate for Chronic Idiopathic Prostatitis?. <i>Microorganisms</i> , 2020 , 8,	4.9	3
53	The Phenotypic Characterization of the Cammalleri Sisters, an Example of Exceptional Longevity. <i>Rejuvenation Research</i> , 2020 , 23, 476-484	2.6	4
52	Cocoa Polyphenols and Gut Microbiota Interplay: Bioavailability, Prebiotic Effect, and Impact on Human Health. <i>Nutrients</i> , 2020 , 12,	6.7	36
51	Astaxanthin as a Putative Geroprotector: Molecular Basis and Focus on Brain Aging. <i>Marine Drugs</i> , 2020 , 18,	6	18
50	Cardioprotective Effects of Dietary Phytochemicals on Oxidative Stress in Heart Failure by a Sex-Gender-Oriented Point of View. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 2176728	6.7	7
49	Mediterranean diet, inflammation, and telomere length maintenance 2020 , 357-362		
48	Targeting Metabolic Consequences of Insulin Resistance in Polycystic Ovary Syndrome by D-chiro-inositol and Emerging Nutraceuticals: A Focused Review. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
47	Cutaneous Photoprotective Activity of a Short-term Ingestion of High-Flavanol Cocoa: A Nutritional Intervention Study. <i>Photochemistry and Photobiology</i> , 2019 , 95, 1029-1034	3.6	3
46	Relationship Between Distance Run Per Week, Omega-3 Index, and Arachidonic Acid (AA)/Eicosapentaenoic Acid (EPA) Ratio: An Observational Retrospective Study in Non-elite Runners. <i>Frontiers in Physiology</i> , 2019 , 10, 487	4.6	8
45	Lifestyle Choices, Psychological Stress and Their Impact on Ageing: The Role of Telomeres 2019 , 135-148		4
44	Lifespan and Healthspan Extension by Nutraceuticals: An Overview 2019 , 169-179		1
43	Astaxanthin from Shrimp Cephalothorax Stimulates the Immune Response by Enhancing IFN- γ IL-10, and IL-2 Secretion in Splenocytes of -Infected Mice. <i>Marine Drugs</i> , 2019 , 17,	6	17
42	Immunosenescence and Its Hallmarks: How to Oppose Aging Strategically? A Review of Potential Options for Therapeutic Intervention. <i>Frontiers in Immunology</i> , 2019 , 10, 2247	8.4	206
41	Melatonin: Implications for Ocular Disease and Therapeutic Potential. <i>Current Pharmaceutical Design</i> , 2019 , 25, 4185-4191	3.3	7
40	Inter-relationships between Gender, Frailty and 10-Year Survival in Older Italian Adults: an observational longitudinal study. <i>Scientific Reports</i> , 2019 , 9, 18416	4.9	19
39	Effects of Weekly Running Volume on Polyunsaturated Fatty Acid Metabolism: An Observational Study in Non-elite Marathon Runners (P08-100-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
38	The potential nutrigeroprotective role of Mediterranean diet and its functional components on telomere length dynamics. <i>Ageing Research Reviews</i> , 2019 , 49, 1-10	12	36
37	Thermal Waters and the Hormetic Effects of Hydrogen Sulfide on Inflammatory Arthritis and Wound Healing 2019 , 121-126		1

36	Evaluation of new strategies to reduce the total content of Solanine and Chaconine in potatoes. <i>Phytochemistry Letters</i> , 2018 , 23, 116-119	1.9	9
35	Cardioprotection by Cocoa Polyphenols and Ω 3 Fatty Acids: A Disease-Prevention Perspective on Aging-Associated Cardiovascular Risk. <i>Journal of Medicinal Food</i> , 2018 , 21, 1060-1069	2.8	25
34	Effects of a new combination of plant extracts plus d-mannose for the management of uncomplicated recurrent urinary tract infections. <i>Journal of Chemotherapy</i> , 2018 , 30, 107-114	2.3	30
33	Phenolic Plant Extracts Induce Sirt1 Activity and Increase Antioxidant Levels in the Rabbit's Heart and Liver. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2731289	6.7	24
32	Cytoprotective Polyphenols Against Chronological Skin Aging and Cutaneous Photodamage. <i>Current Pharmaceutical Design</i> , 2018 , 24, 99-105	3.3	24
31	Astaxanthin in Skin Health, Repair, and Disease: A Comprehensive Review. <i>Nutrients</i> , 2018 , 10,	6.7	177
30	Short-term supplementation with flavanol-rich cocoa improves lipid profile, antioxidant status and positively influences the AA/EPA ratio in healthy subjects. <i>Journal of Nutritional Biochemistry</i> , 2018 , 61, 33-39	6.3	29
29	Identification of Premature Senescence Cells in the Brain of the HIV-1 Transgenic Rat (HIV-TG Rat). <i>Microscopy and Microanalysis</i> , 2018 , 24, 1290-1291	0.5	1
28	Influence of equol and resveratrol supplementation on health-related quality of life in menopausal women: A randomized, placebo-controlled study. <i>Maturitas</i> , 2017 , 96, 77-83	5	74
27	Anti-inflammatory effects of HS during acute bacterial infection: a review. <i>Journal of Translational Medicine</i> , 2017 , 15, 100	8.5	47
26	Cytoprotective Effects of Citicoline and Homotaurine against Glutamate and High Glucose Neurotoxicity in Primary Cultured Retinal Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 2825703	6.7	22
25	Dietary phytochemicals and neuro-inflammaging: from mechanistic insights to translational challenges. <i>Immunity and Ageing</i> , 2016 , 13, 16	9.7	67
24	Andrographis Paniculata shows anti-nociceptive effects in an animal model of sensory hypersensitivity associated with migraine. <i>Functional Neurology</i> , 2016 , 31, 53-60	2.2	9
23	Bioactive Compounds of Aristotelia chilensis Stuntz and their Pharmacological Effects. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 513-23	2.6	21
22	Neuroprotective Mechanisms of Dietary Phytochemicals 2016 , 251-261		1
21	Dietary Phytochemicals in Neuroimmunoaging: A New Therapeutic Possibility for Humans?. <i>Frontiers in Pharmacology</i> , 2016 , 7, 364	5.6	27
20	Toxin levels in different variety of potatoes: Alarming contents of Chaconine. <i>Phytochemistry Letters</i> , 2016 , 16, 103-107	1.9	14
19	Polyphenols: a Promising Nutritional Approach to Prevent or Reduce the Progression of Prehypertension. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2016 , 23, 197-202	2.9	22

18	Nutrigerontology: a key for achieving successful ageing and longevity. <i>Immunity and Ageing</i> , 2016 , 13, 17	9.7	36
17	A Randomized Clinical Trial Evaluating the Efficacy of an Anthocyanin-Maqui Berry Extract (Delphinol [®]) on Oxidative Stress Biomarkers. <i>Journal of the American College of Nutrition</i> , 2015 , 34 Suppl 1, 28-33	3.5	82
16	CHAPTER 12:Inflammaging, Oxidative Stress and Carnosine: Role of Hormetic Vitagenes. <i>Food and Nutritional Components in Focus</i> , 2015 , 238-256		2
15	Sex hormonal regulation and hormesis in aging and longevity: role of vitagenes. <i>Journal of Cell Communication and Signaling</i> , 2014 , 8, 369-84	5.2	45
14	Altered expression pattern of Nrf2/HO-1 axis during accelerated-senescence in HIV-1 transgenic rat. <i>Biogerontology</i> , 2014 , 15, 449-61	4.5	24
13	Sulfur compounds block MCP-1 production by Mycoplasma fermentans-infected macrophages through NF- κ B inhibition. <i>Journal of Translational Medicine</i> , 2014 , 12, 145	8.5	33
12	Involvement of ELAV RNA-binding proteins in the post-transcriptional regulation of HO-1. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 459	6.1	9
11	Epigenetic nutraceutical diets in Alzheimer's disease. <i>Journal of Nutrition, Health and Aging</i> , 2014 , 18, 800-5	5.2	27
10	Dose response biology of resveratrol in obesity. <i>Journal of Cell Communication and Signaling</i> , 2014 , 8, 385-91	5.2	26
9	Muscle uncoupling protein 3 expression is unchanged by chronic ephedrine/caffeine treatment: results of a double blind, randomised clinical trial in morbidly obese females. <i>PLoS ONE</i> , 2014 , 9, e98244	3.7	13
8	Cocoa bioactive compounds: significance and potential for the maintenance of skin health. <i>Nutrients</i> , 2014 , 6, 3202-13	6.7	60
7	Enhancement of mitochondrial biogenesis with polyphenols: combined effects of resveratrol and equol in human endothelial cells. <i>Immunity and Ageing</i> , 2013 , 10, 28	9.7	45
6	Synergistic effect of L-Carnosine and EGCG in the prevention of physiological brain aging. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2722-7	3.3	22
5	Extending healthy ageing: nutrient sensitive pathway and centenarian population. <i>Immunity and Ageing</i> , 2012 , 9, 9	9.7	50
4	Antioxidants as antidepressants: fact or fiction?. <i>CNS Drugs</i> , 2012 , 26, 477-90	6.7	118
3	Pleiotropic protective effects of phytochemicals in Alzheimer's disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 386527	6.7	74
2	The "Alzheimer's disease signature": potential perspectives for novel biomarkers. <i>Immunity and Ageing</i> , 2011 , 8, 7	9.7	15
1	Molecular Biomarkers of Aging		3

