

# Vincenzo Mollace

## List of Publications by Year in descending order

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92  
papers

4,682  
citations

117625

34  
h-index

106344

65  
g-index

98  
all docs

98  
docs citations

98  
times ranked

6336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Effect of Bergamot Polyphenolic Fraction and Red Yeast Rice Extract in Rats Fed a Hyperlipidemic Diet: Role of Antioxidant Properties and PCSK9 Expression. <i>Nutrients</i> , 2022, 14, 477.	4.1	9
2	Efficacy and Safety of Novel Aspirin Formulations: A Randomized, Double-Blind, Placebo-Controlled Study. <i>Pharmaceutics</i> , 2022, 14, 187.	4.5	1
3	Citrus bergamia: Kinetics of Antimicrobial Activity on Clinical Isolates. <i>Antibiotics</i> , 2022, 11, 361.	3.7	5
4	The Contribution of Gut Microbiota and Endothelial Dysfunction in the Development of Arterial Hypertension in Animal Models and in Humans. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3698.	4.1	15
5	Preventive Measures against Pandemics from the Beginning of Civilization to Nowadaysâ€”How Everything Has Remained the Same over the Millennia. <i>Journal of Clinical Medicine</i> , 2022, 11, 1960.	2.4	5
6	Mitochondria Bioenergetic Functions and Cell Metabolism Are Modulated by the Bergamot Polyphenolic Fraction. <i>Cells</i> , 2022, 11, 1401.	4.1	9
7	The Employment of Genera Vaccinium, Citrus, Olea, and Cynara Polyphenols for the Reduction of Selected Anti-Cancer Drug Side Effects. <i>Nutrients</i> , 2022, 14, 1574.	4.1	4
8	Involvement of the Intestinal Microbiota in the Appearance of Multiple Sclerosis: Aloe vera and Citrus bergamia as Potential Candidates for Intestinal Health. <i>Nutrients</i> , 2022, 14, 2711.	4.1	6
9	Cholesterol homeostasis: Researching a dialogue between the brain and peripheral tissues. <i>Pharmacological Research</i> , 2021, 163, 105215.	7.1	50
10	Endothelial Dysfunction and Extra-Articular Neurological Manifestations in Rheumatoid Arthritis. <i>Biomolecules</i> , 2021, 11, 81.	4.0	19
11	Pathophysiological Basis for Nutraceutical Supplementation in Heart Failure: A Comprehensive Review. <i>Nutrients</i> , 2021, 13, 257.	4.1	24
12	The Potential Properties of Natural Compounds in Cardiac Stem Cell Activation: Their Role in Myocardial Regeneration. <i>Nutrients</i> , 2021, 13, 275.	4.1	14
13	Analytical Profile and Antioxidant and Anti-Inflammatory Activities of the Enriched Polyphenol Fractions Isolated from Bergamot Fruit and Leave. <i>Antioxidants</i> , 2021, 10, 141.	5.1	32
14	The muscle to bone axis (and viceversa): An encrypted language affecting tissues and organs and yet to be codified?. <i>Pharmacological Research</i> , 2021, 165, 105427.	7.1	16
15	The Contribution of Gut Microbiotaâ€”Brain Axis in the Development of Brain Disorders. <i>Frontiers in Neuroscience</i> , 2021, 15, 616883.	2.8	65
16	Oxidative Stress Triggers Defective Autophagy in Endothelial Cells: Role in Atherothrombosis Development. <i>Antioxidants</i> , 2021, 10, 387.	5.1	25
17	From Metabolic Syndrome to Neurological Diseases: Role of Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 651021.	3.7	16
18	Potential of Nutraceutical Supplementation in the Modulation of White and Brown Fat Tissues in Obesity-Associated Disorders: Role of Inflammatory Signalling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3351.	4.1	12

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19	Apigenin and Luteolin Regulate Autophagy by Targeting NRH-Quinone Oxidoreductase 2 in Liver Cells. <i>Antioxidants</i> , 2021, 10, 776.	5.1	13
20	A new breakfast brioche containing bergamot fiber prevents insulin and glucose increase in healthy volunteers: a pilot study. <i>Minerva Endocrinology</i> , 2021, 46, 214-225.	1.1	7
21	The Effects of Bergamot Polyphenolic Fraction, <i>Cynara cardunculus</i> , and <i>Olea europea</i> L. Extract on Doxorubicin-Induced Cardiotoxicity. <i>Nutrients</i> , 2021, 13, 2158.	4.1	13
22	The Effect of <i>Ferula communis</i> Extract in <i>Escherichia coli</i> Lipopolysaccharide-Induced Neuroinflammation in Cultured Neurons and Oligodendrocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7910.	4.1	7
23	Effects of Bergamot Polyphenols on Mitochondrial Dysfunction and Sarcoplasmic Reticulum Stress in Diabetic Cardiomyopathy. <i>Nutrients</i> , 2021, 13, 2476.	4.1	22
24	PUFA Supplementation and Heart Failure: Effects on Fibrosis and Cardiac Remodeling. <i>Nutrients</i> , 2021, 13, 2965.	4.1	23
25	The Protective Effect of Bergamot Polyphenolic Fraction (BPF) on Chemotherapy-Induced Neuropathic Pain. <i>Pharmaceuticals</i> , 2021, 14, 975.	3.8	7
26	Paradoxical effect of fat diet in matrix metalloproteinases induced mitochondrial dysfunction in diabetic cardiomyopathy. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 268-278.	1.5	6
27	Nutraceuticals and Cancer: Potential for Natural Polyphenols. <i>Nutrients</i> , 2021, 13, 3834.	4.1	60
28	Enjoy your journey: the bergamot polyphenols from the tree to the cell metabolism. <i>Journal of Translational Medicine</i> , 2021, 19, 457.	4.4	4
29	Icariin Protects H9c2 Rat Cardiomyoblasts from Doxorubicin-Induced Cardiotoxicity: Role of Caveolin-1 Upregulation and Enhanced Autophagic Response. <i>Nutrients</i> , 2021, 13, 4070.	4.1	12
30	The Role of Nutraceuticals in Osteoarthritis Prevention and Treatment: Focus on n-3 PUFAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	10
31	Calorie Restriction for Cancer Prevention and Therapy: Mechanisms, Expectations, and Efficacy. <i>Journal of Cancer Prevention</i> , 2021, 26, 224-236.	2.0	28
32	An expert opinion paper on statin adherence and implementation of new lipid-lowering medications by the ESC Working Group on Cardiovascular Pharmacotherapy: Barriers to be overcome. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, 6, 115-121.	3.0	46
33	The synergistic effect of <i>Citrus bergamia</i> and <i>Cynara cardunculus</i> extracts on vascular inflammation and oxidative stress in non-alcoholic fatty liver disease. <i>Journal of Traditional and Complementary Medicine</i> , 2020, 10, 268-274.	2.7	38
34	Natural Antioxidant Control of Neuropathic Pain—Exploring the Role of Mitochondrial SIRT3 Pathway. <i>Antioxidants</i> , 2020, 9, 1103.	5.1	26
35	Environmental and Nutritional “Stressors” and Oligodendrocyte Dysfunction: Role of Mitochondrial and Endoplasmic Reticulum Impairment. <i>Biomedicines</i> , 2020, 8, 553.	3.2	10
36	<i>Ferula</i> L. Plant Extracts and Dose-Dependent Activity of Natural Sesquiterpene Ferutin: From Antioxidant Potential to Cytotoxic Effects. <i>Molecules</i> , 2020, 25, 5768.	3.8	16

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37	Role of TSPO/VDAC1 Upregulation and Matrix Metalloproteinase-2 Localization in the Dysfunctional Myocardium of Hyperglycaemic Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7432.	4.1	8
38	The Anti-Inflammatory and Antioxidant Properties of n-3 PUFAs: Their Role in Cardiovascular Protection. <i>Biomedicines</i> , 2020, 8, 306.	3.2	128
39	Protective Effect of Antioxidants in Nitric Oxide/COX-2 Interaction during Inflammatory Pain: The Role of Nitration. <i>Antioxidants</i> , 2020, 9, 1284.	5.1	14
40	The Contribution of Endothelial Dysfunction in Systemic Injury Subsequent to SARS-Cov-2 Infection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9309.	4.1	27
41	Antioxidant modulation of sirtuin 3 during acute inflammatory pain: The ROS control. <i>Pharmacological Research</i> , 2020, 157, 104851.	7.1	35
42	The Protective Effect of Cynara Cardunculus Extract in Diet-Induced NAFLD: Involvement of OCTN1 and OCTN2 Transporter Subfamily. <i>Nutrients</i> , 2020, 12, 1435.	4.1	21
43	Effects of C-Peptide Replacement Therapy on Bone Microarchitecture Parameters in Streptozotocin-Diabetic Rats. <i>Calcified Tissue International</i> , 2020, 107, 266-280.	3.1	7
44	Identification of MOR-Positive B Cell as Possible Innovative Biomarker (Mu Lympho-Marker) for Chronic Pain Diagnosis in Patients with Fibromyalgia and Osteoarthritis Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1499.	4.1	25
45	Bergamot Polyphenols Improve Dyslipidemia and Pathophysiological Features in a Mouse Model of Non-Alcoholic Fatty Liver Disease. <i>Scientific Reports</i> , 2020, 10, 2565.	3.3	63
46	The Potential for Natural Antioxidant Supplementation in the Early Stages of Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2618.	4.1	35
47	The Effect of Natural Antioxidants in the Development of Metabolic Syndrome: Focus on Bergamot Polyphenolic Fraction. <i>Nutrients</i> , 2020, 12, 1504.	4.1	44
48	The essential role of a "healthy" relationship between caveolin-1 and endothelial nitric oxide synthase in counteracting vascular inflammation and atherothrombosis. <i>Kardiologia Polska</i> , 2020, 78, 96-97.	0.6	2
49	Modulation of Nitric Oxide Synthases by Oxidized LDLs: Role in Vascular Inflammation and Atherosclerosis Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3294.	4.1	132
50	Myelin Disturbances Produced by Sub-Toxic Concentration of Heavy Metals: The Role of Oligodendrocyte Dysfunction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4554.	4.1	26
51	Role of c-Kit in Myocardial Regeneration and Aging. <i>Frontiers in Endocrinology</i> , 2019, 10, 371.	3.5	44
52	The Role of Endothelial Dysfunction in Peripheral Blood Nerve Barrier: Molecular Mechanisms and Pathophysiological Implications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3022.	4.1	45
53	Atherogenic Index Reduction and Weight Loss in Metabolic Syndrome Patients Treated with A Novel Pectin-Enriched Formulation of Bergamot Polyphenols. <i>Nutrients</i> , 2019, 11, 1271.	4.1	31
54	The effect of bergamot polyphenolic fraction on lipid transfer protein system and vascular oxidative stress in a rat model of hyperlipemia. <i>Lipids in Health and Disease</i> , 2019, 18, 115.	3.0	36

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55	Antiproliferative Effects of Cynaropicrin on Anaplastic Thyroid Cancer Cells. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 59-66.	1.2	13
56	Hypoglycemic and Hypolipemic Effects of a New Lecithin Formulation of Bergamot Polyphenolic Fraction: A Double Blind, Randomized, Placebo- Controlled Study. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 136-143.	1.2	56
57	Ethanol-induced cardiomyocyte toxicity implicit autophagy and NFκB transcription factor. <i>Pharmacological Research</i> , 2018, 133, 141-150.	7.1	23
58	Anti-oxidant effect of bergamot polyphenolic fraction counteracts doxorubicin-induced cardiomyopathy: Role of autophagy and c-kitposCD45negCD31neg cardiac stem cell activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 119, 10-18.	1.9	61
59	Analysis of proautophagic activities of Citrus flavonoids in liver cells reveals the superiority of a natural polyphenol mixture over pure flavones. <i>Journal of Nutritional Biochemistry</i> , 2018, 58, 119-130.	4.2	29
60	Bergamot Polyphenols Boost Therapeutic Effects of the Diet on Non-Alcoholic Steatohepatitis (NASH) Induced by "Junk Food": Evidence for Anti-Inflammatory Activity. <i>Nutrients</i> , 2018, 10, 1604.	4.1	31
61	Bergamot Polyphenol Fraction Exerts Effects on Bone Biology by Activating ERK 1/2 and Wnt/β-Catenin Pathway and Regulating Bone Biomarkers in Bone Cell Cultures. <i>Nutrients</i> , 2018, 10, 1305.	4.1	9
62	The "Frail" Brain Blood Barrier in Neurodegenerative Diseases: Role of Early Disruption of Endothelial Cell-to-Cell Connections. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2693.	4.1	56
63	Aspirin wears smart. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2017, 3, 185-188.	3.0	5
64	Antioxidant activity of oleuropein and semisynthetic acetyl-derivatives determined by measuring malondialdehyde in rat brain. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1502-1512.	2.4	28
65	Megestrol acetate improves cardiac function in a model of cancer cachexia-induced cardiomyopathy by autophagic modulation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 555-566.	7.3	51
66	Pharmacological effect of a new idebenone formulation in a model of carrageenan-induced inflammatory pain. <i>Pharmacological Research</i> , 2016, 111, 767-773.	7.1	28
67	The potential role of TLR4/caveolin-1/NOS pathway in oxyLDL-modulation of autophagic/apoptotic responses in endothelial cells. <i>International Journal of Cardiology</i> , 2016, 203, 457-458.	1.7	5
68	The effect of bergamot polyphenolic fraction in patients with non alcoholic liver steato-hepatitis and metabolic syndrome. <i>PharmaNutrition</i> , 2016, 4, S27-S31.	1.7	7
69	Regulation of uric acid metabolism and excretion. <i>International Journal of Cardiology</i> , 2016, 213, 8-14.	1.7	801
70	The treatment of hyperuricemia. <i>International Journal of Cardiology</i> , 2016, 213, 23-27.	1.7	154
71	Inhibition of Spinal Oxidative Stress by Bergamot Polyphenolic Fraction Attenuates the Development of Morphine Induced Tolerance and Hyperalgesia in Mice. <i>PLoS ONE</i> , 2016, 11, e0156039.	2.5	32
72	Amyloid β peptide-induced inhibition of endothelial nitric oxide production involves oxidative stress-mediated constitutive eNOS/HSP90 interaction and disruption of agonist-mediated Akt activation. <i>Journal of Neuroinflammation</i> , 2015, 12, 84.	7.2	50

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73	Bergamot polyphenol fraction prevents nonalcoholic fatty liver disease via stimulation of lipophagy in cafeteria diet-induced rat model of metabolic syndrome. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 938-948.	4.2	87
74	Oxidized LDL attenuates protective autophagy and induces apoptotic cell death of endothelial cells: Role of oxidative stress and LOX-1 receptor expression. <i>International Journal of Cardiology</i> , 2015, 184, 152-158.	1.7	65
75	Novel application of mesenchymal stem cells from mammary artery. <i>International Journal of Cardiology</i> , 2015, 182, 466-468.	1.7	1
76	Low dose of acetylsalicylic acid and oxidative stress-mediated endothelial dysfunction in diabetes: a short-term evaluation. <i>Acta Diabetologica</i> , 2015, 52, 249-256.	2.5	9
77	The effect of peroxynitrite decomposition catalyst MnTBAP on aldehyde dehydrogenase-2 nitration by organic nitrates: Role in nitrate tolerance. <i>Pharmacological Research</i> , 2014, 89, 29-35.	7.1	19
78	The Effect of Bergamot-Derived Polyphenolic Fraction on LDL Small Dense Particles and Non Alcoholic Fatty Liver Disease in Patients with Metabolic Syndrome. <i>Advances in Biological Chemistry</i> , 2014, 04, 129-137.	0.6	41
79	Re-assessing the mechanism of action of n <sup>3</sup> PUFAs. <i>International Journal of Cardiology</i> , 2013, 170, S8-S11.	1.7	22
80	Bergamot polyphenolic fraction enhances rosuvastatin-induced effect on LDL-cholesterol, LOX-1 expression and protein kinase B phosphorylation in patients with hyperlipidemia. <i>International Journal of Cardiology</i> , 2013, 170, 140-145.	1.7	93
81	Posttranslational Nitration of Tyrosine Residues Modulates Glutamate Transmission and Contributes to N-Methyl-D-aspartate-Mediated Thermal Hyperalgesia. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	3.0	30
82	Reciprocal regulation of the nitric oxide and cyclooxygenase pathway in pathophysiology: relevance and clinical implications. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R473-R487.	1.8	113
83	Defective Autophagy in Parkinson's Disease: Role of Oxidative Stress. <i>Molecular Neurobiology</i> , 2012, 46, 639-661.	4.0	124
84	The protective effect of tianeptine on Gp120-induced apoptosis in astroglial cells: role of GS and NOS, and NF- $\kappa$ B suppression. <i>British Journal of Pharmacology</i> , 2011, 164, 1590-1599.	5.4	26
85	Hypolipemic and hypoglycaemic activity of bergamot polyphenols: From animal models to human studies. <i>F<math>\ddot{A}</math>-totherapy</i> , 2011, 82, 309-316.	2.2	192
86	NMDA-receptor activation and nitroxidative regulation of the glutamatergic pathway during nociceptive processing. <i>Pain</i> , 2010, 149, 100-106.	4.2	46
87	The Protective Effect of Bergamot Oil Extract on Lecithine-like OxylDL Receptor-1 Expression in Balloon Injury-related Neointima Formation. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2008, 13, 120-129.	2.0	48
88	Therapeutic manipulation of peroxynitrite attenuates the development of opiate-induced antinociceptive tolerance in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3530-3539.	8.2	131
89	Modulation of Prostaglandin Biosynthesis by Nitric Oxide and Nitric Oxide Donors. <i>Pharmacological Reviews</i> , 2005, 57, 217-252.	16.0	321
90	The Protective Effect of Superoxide Dismutase Mimetic M40401 on Balloon Injury-Related Neointima Formation: Role of the Lectin-Like Oxidized Low-Density Lipoprotein Receptor-1. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 44-50.	2.5	37

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91	Superoxide-mediated nitration of spinal manganese superoxide dismutase: a novel pathway in N-methyl-d-aspartate-mediated hyperalgesia. <i>Pain</i> , 2004, 111, 96-103.	4.2	80
92	A Newly Identified Role for Superoxide in Inflammatory Pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 869-878.	2.5	350