

Domenico Trombetta

List of Publications by Year in descending order

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114
papers

6,121
citations

81900

39
h-index

76900

74
g-index

114
all docs

114
docs citations

114
times ranked

9274
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Antibacterial Action of Three Monoterpenes. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2474-2478.	3.2	939
2	Interaction of Four Monoterpenes Contained in Essential Oils with Model Membranes: Implications for Their Antibacterial Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6300-6308.	5.2	490
3	Proanthocyanidins and hydrolysable tannins: occurrence, dietary intake and pharmacological effects. <i>British Journal of Pharmacology</i> , 2017, 174, 1244-1262.	5.4	408
4	Chemistry, Pharmacology and Health Benefits of Anthocyanins. <i>Phytotherapy Research</i> , 2016, 30, 1265-1286.	5.8	283
5	Flavanones: Citrus phytochemical with health-promoting properties. <i>BioFactors</i> , 2017, 43, 495-506.	5.4	247
6	In vitro antibacterial activity of some aliphatic aldehydes from <i>Olea europaea</i> L.. <i>FEMS Microbiology Letters</i> , 2001, 198, 9-13.	1.8	199
7	Evaluation of the nutraceutical, antioxidant and cytoprotective properties of ripe pistachio (<i>Pistacia</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	8.2	142
8	Ferulic and caffeic acids as potential protective agents against photooxidative skin damage. <i>Journal of the Science of Food and Agriculture</i> , 1999, 79, 476-480.	3.5	141
9	Phytocomplexes from liquorice (<i>Glycyrrhiza glabra</i> L.) leaves " Chemical characterization and evaluation of their antioxidant, anti-genotoxic and anti-inflammatory activity. <i>FÄ-toterapÄ-Äç</i> , 2011, 82, 546-556.	2.2	114
10	Influence of different penetration enhancers on in vitro skin permeation and in vivo photoprotective effect of flavonoids. <i>International Journal of Pharmaceutics</i> , 1998, 175, 85-94.	5.2	102
11	Antiviral activity of plants and their isolated bioactive compounds: An update. <i>Phytotherapy Research</i> , 2020, 34, 742-768.	5.8	102
12	Citrus Flavones: An Update on Sources, Biological Functions, and Health Promoting Properties. <i>Plants</i> , 2020, 9, 288.	3.5	84
13	Food flavonols: Nutraceuticals with complex health benefits and functionalities. <i>Trends in Food Science and Technology</i> , 2021, 117, 194-204.	15.1	81
14	In vitro antioxidant and in vivo photoprotective effect of pistachio (<i>Pistacia vera</i> L., variety Bronte) seed and skin extracts. <i>FÄ-toterapÄ-Äç</i> , 2013, 85, 41-48.	2.2	77
15	'In vitro' antioxidant and photoprotective properties and interaction with model membranes of three new quercetin esters. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 167-174.	4.3	73
16	Antioxidant properties of 4-methylcoumarins in in vitro cell-free systems. <i>Biochimie</i> , 2010, 92, 1101-1107.	2.6	72
17	Insights into Eucalyptus genus chemical constituents, biological activities and health-promoting effects. <i>Trends in Food Science and Technology</i> , 2019, 91, 609-624.	15.1	71
18	Polyphenolic content and biological properties of Avola almond (<i>Prunus dulcis</i> Mill. D.A. Webb) skin and its industrial byproducts. <i>Industrial Crops and Products</i> , 2016, 83, 283-293.	5.2	70

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19	In Vitro Evaluation of the Antioxidant, Cytoprotective, and Antimicrobial Properties of Essential Oil from Pistacia vera L. Variety Bronte Hull. International Journal of Molecular Sciences, 2017, 18, 1212.	4.1	70
20	Synthesis, stability, and pharmacological evaluation of nipecotic acid prodrugs. Journal of Pharmaceutical Sciences, 1999, 88, 561-567.	3.3	66
21	PAHs concentration in heat-treated milk samples. Food Research International, 2011, 44, 716-724.	6.2	66
22	Radical-scavenging capacity of several Italian red wines. Food Chemistry, 2007, 103, 75-81.	8.2	64
23	Biomolecular Characterization of Wild Sicilian Oregano: Phytochemical Screening of Essential Oils and Extracts, and Evaluation of Their Antioxidant Activities. Chemistry and Biodiversity, 2013, 10, 411-433.	2.1	63
24	Antioxidant Effects of a Hydroxytyrosol-Based Pharmaceutical Formulation on Body Composition, Metabolic State, and Gene Expression: A Randomized Double-Blinded, Placebo-Controlled Crossover Trial. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	60
25	Flavonoid-biomembrane interactions: A calorimetric study on dipalmitoylphosphatidylcholine vesicles. International Journal of Pharmaceutics, 1995, 124, 1-8.	5.2	59
26	Antioxidant and cytoprotective activities of an ancient Mediterranean citrus (Citrus lumia Risso) albedo extract: Microscopic observations and polyphenol characterization. Food Chemistry, 2019, 279, 347-355.	8.2	59
27	Food Matrix Effects of Polyphenol Bioaccessibility from Almond Skin during Simulated Human Digestion. Nutrients, 2016, 8, 568.	4.1	57
28	Toxic effect of nickel in an in vitro model of human oral epithelium. Toxicology Letters, 2005, 159, 219-225.	0.8	56
29	Antiallergic and antihistaminic effect of two extracts of Capparis spinosa L. flowering buds. Phytotherapy Research, 2005, 19, 29-33.	5.8	55
30	Essential oil of Citrus lumia Risso: Phytochemical profile, antioxidant properties and activity on the central nervous system. Food and Chemical Toxicology, 2018, 119, 407-416.	3.6	52
31	Differences between Coumaric and Cinnamic Acids in Membrane Permeation As Evidenced by Time-Dependent Calorimetry. Journal of Agricultural and Food Chemistry, 1999, 47, 991-995.	5.2	50
32	Cyanidin-3-O-galactoside in ripe pistachio (Pistachia vera L. variety Bronte) hulls: Identification and evaluation of its antioxidant and cytoprotective activities. Journal of Functional Foods, 2016, 27, 376-385.	3.4	50
33	Design and characterization of liposomes containing long-chain N-acylPEs for brain delivery: penetration of liposomes incorporating GM1 into the rat brain. Pharmaceutical Research, 2002, 19, 1430-1438.	3.5	49
34	In Vitro Protective Effects of Two Extracts from Bergamot Peels on Human Endothelial Cells Exposed to Tumor Necrosis Factor- α (TNF- α). Journal of Agricultural and Food Chemistry, 2010, 58, 8430-8436.	5.2	49
35	Almond Skin Extracts Abrogate HSV-1 Replication by Blocking Virus Binding to the Cell. Viruses, 2017, 9, 178.	3.3	49
36	Anthocyanins protect human endothelial cells from mild hyperoxia damage through modulation of Nrf2 pathway. Genes and Nutrition, 2013, 8, 391-399.	2.5	48

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37	Antioxidant activity of Hydroxytyrosol and Vitamin E reduces systemic inflammation in children with paediatric NAFLD. <i>Digestive and Liver Disease</i> , 2021, 53, 1154-1158.	0.9	46
38	Protective effect of red orange extract supplementation against <sc>UV</sc>-induced skin damages: photoaging and solar lentiginos. <i>Journal of Cosmetic Dermatology</i> , 2014, 13, 151-157.	1.6	43
39	Changes in the permeability of the blood-brain barrier following sodium dodecyl sulphate administration in the rat. <i>Experimental Brain Research</i> , 1997, 115, 546-551.	1.5	40
40	<sc>i>Opuntia ficus-indica</i> (L.) Mill. fruit as source of betalains with antioxidant, cytoprotective, and antiangiogenic properties. <i>Phytotherapy Research</i> , 2019, 33, 1526-1537.	5.8	40
41	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1025-1031.	2.8	38
42	Interaction of melatonin with model membranes and possible implications in its photoprotective activity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 209-215.	4.3	37
43	Frequent <i>NRG1</i> fusions in Caucasian pulmonary mucinous adenocarcinoma predicted by Phospho-ErbB3 expression. <i>Oncotarget</i> , 2018, 9, 9661-9671.	1.8	36
44	Understanding the Effect of Particle Size and Processing on Almond Lipid Bioaccessibility through Microstructural Analysis: From Mastication to Faecal Collection. <i>Nutrients</i> , 2018, 10, 213.	4.1	36
45	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. <i>Cancer Letters</i> , 2018, 434, 101-113.	7.2	36
46	In vitro and in vivo modeling of lipid bioaccessibility and digestion from almond muffins: The importance of the cell-wall barrier mechanism. <i>Journal of Functional Foods</i> , 2017, 37, 263-271.	3.4	33
47	Antioxidant and Anti-Inflammatory Activity of Citrus Flavanones Mix and Its Stability after In Vitro Simulated Digestion. <i>Antioxidants</i> , 2021, 10, 140.	5.1	33
48	Herbal Products in Pregnancy: Experimental Studies and Clinical Reports. <i>Phytotherapy Research</i> , 2014, 28, 1107-1116.	5.8	31
49	Phytochemical, Ecological and Antioxidant Evaluation of Wild Sicilian Thyme: <i>Thymra capitata</i> (L.) <sc>Cav</sc>.. <i>Chemistry and Biodiversity</i> , 2016, 13, 1641-1655.	2.1	31
50	Therapeutic Potential of Afatinib in <i>NRG1</i> Fusion-Driven Solid Tumors: A Case Series. <i>Oncologist</i> , 2021, 26, 7-16.	3.7	31
51	Chemical Composition and Biological Activities of Essential Oils from Peels of Three Citrus Species. <i>Molecules</i> , 2020, 25, 1890.	3.8	30
52	Chemical Composition and Biological Activities of the Essential Oils of <i>Leptospermum petersonii</i> and <i>Eucalyptus gunnii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 409.	3.5	27
53	Analytical Evaluation and Antioxidant Properties of Some Secondary Metabolites in Northern Italian Mono- and Multi-Varietal Extra Virgin Olive Oils (EVOOs) from Early and Late Harvested Olives. <i>International Journal of Molecular Sciences</i> , 2017, 18, 797.	4.1	26
54	Health Effects of <i>Vaccinium myrtillus</i> L.: Evaluation of Efficacy and Technological Strategies for Preservation of Active Ingredients. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 567-584.	2.4	26

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55	Biotechnological Applications and Health-Promoting Properties of Flavonols: An Updated View. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1710.	4.1	26
56	Wild Sicilian Rosemary: Phytochemical and Morphological Screening and Antioxidant Activity Evaluation of Extracts and Essential Oils. <i>Chemistry and Biodiversity</i> , 2015, 12, 1075-1094.	2.1	25
57	Oxidative stress in handball players: effect of supplementation with a red orange extract. <i>Nutrition Research</i> , 2005, 25, 917-924.	2.9	24
58	Increased protein carbonyl groups in the serum of patients affected by thalassemia major. <i>Annals of Hematology</i> , 2006, 85, 520-522.	1.8	24
59	Characterization and Phytotoxicity Assessment of Essential Oils from Plant Byproducts. <i>Molecules</i> , 2019, 24, 2941.	3.8	24
60	The Antioxidant Effects of Hydroxytyrosol and Vitamin E on Pediatric Nonalcoholic Fatty Liver Disease, in a Clinical Trial: A New Treatment?. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 127-133.	5.4	24
61	Dipalmitoylphosphatidylcholine/linoleic acid mixed unilamellar vesicles as model membranes for studies on novel free-radical scavengers. <i>Journal of Pharmacological and Toxicological Methods</i> , 1997, 37, 135-141.	0.7	23
62	Polyphenol Characterization and Skin-Preserving Properties of Hydroalcoholic Flower Extract from <i>Himantoglossum robertianum</i> (Orchidaceae). <i>Plants</i> , 2019, 8, 502.	3.5	23
63	Antioxidant, Anti-Inflammatory and Anti-Angiogenic Properties of Citrus lumia Juice. <i>Frontiers in Pharmacology</i> , 2020, 11, 593506.	3.5	23
64	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> , 2018, 170, 233-241.	5.0	22
65	Phytochemical Profile, Safety Assessment and Wound Healing Activity of <i>Artemisia absinthium</i> L.. <i>Plants</i> , 2020, 9, 1744.	3.5	21
66	In vitro evaluation of the antioxidant activity and biomembrane interaction of the lazaroid U-74389G. <i>Life Sciences</i> , 2001, 68, 1351-1366.	4.3	19
67	In vitro evaluation of antibiofilm activity of crude extracts from macroalgae against pathogens relevant in aquaculture. <i>Aquaculture</i> , 2022, 549, 737729.	3.5	19
68	Protective effects of a standardised red orange extract on air pollution-induced oxidative damage in traffic police officers. <i>Natural Product Research</i> , 2008, 22, 1544-1551.	1.8	18
69	In vitro evaluation of the activity of an essential oil from <i>Pistacia vera</i> L. variety Bronte hull against <i>Candida</i> sp.. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 6.	3.7	18
70	Antioxidant and antimicrobial activity of two standardized extracts from a new Chinese accession of non-psychoactive <i>Cannabis sativa</i> L.. <i>Phytotherapy Research</i> , 2021, 35, 1099-1112.	5.8	18
71	Cytotoxic effects induced in vitro by organic extracts from urban air particulate matter in human leukocytes. <i>Drug and Chemical Toxicology</i> , 2014, 37, 32-39.	2.3	17
72	Exposure to <i>Anisakis</i> extracts can induce inflammation on in vitro cultured human colonic cells. <i>Parasitology Research</i> , 2017, 116, 2471-2477.	1.6	17

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73	Study of the Lipid Profile of ATCC and Clinical Strains of <i>Staphylococcus aureus</i> in Relation to Their Antibiotic Resistance. <i>Molecules</i> , 2019, 24, 1276.	3.8	17
74	New insights into <i>Citrus</i> genus: From ancient fruits to new hybrids. <i>Food Frontiers</i> , 2020, 1, 305-328.	7.4	17
75	Antioxidant and Photoprotective Effects of Blanch Water, a Byproduct of the Almond Processing Industry. <i>Molecules</i> , 2013, 18, 12426-12440.	3.8	16
76	ALK and NRG1 Fusions Coexist in a Patient with Signet Ring Cell Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, e161-e163.	1.1	16
77	Feijoa Fruit Peel: Micro-morphological Features, Evaluation of Phytochemical Profile, and Biological Properties of Its Essential Oil. <i>Antioxidants</i> , 2019, 8, 320.	5.1	16
78	Levels of benzo[<i>a</i>]pyrene and benzo[<i>a</i>]anthracene in smoked "Provola" cheese from Calabria (Italy). <i>Food Additives and Contaminants: Part B Surveillance</i> , 2008, 1, 78-84.	2.8	15
79	Phytochemical characterization and biological properties of two standardized extracts from a non-psychoactive <i>Cannabis sativa</i> L. cannabidiol (CBD) chemotype. <i>Phytotherapy Research</i> , 2021, 35, 5269-5281.	5.8	15
80	Comparative Evaluation of the Nutrients, Phytochemicals, and Antioxidant Activity of Two Hempseed Oils and Their Byproducts after Cold Pressing. <i>Molecules</i> , 2022, 27, 3431.	3.8	15
81	Safety and efficacy of hydroxytyrosol-based formulation on skin inflammation: in vitro evaluation on reconstructed human epidermis model. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 283-293.	2.0	14
82	Intracellular Distribution and Biological Effects of Phytochemicals in a Sex Steroid- Sensitive Model of Human Prostate Adenocarcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 1386-1396.	1.7	14
83	<i>Eucalyptus gunnii</i> and <i>Eucalyptus pulverulenta</i> "Baby Blue"™ Essential Oils as Potential Natural Herbicides. <i>Molecules</i> , 2021, 26, 6749.	3.8	14
84	Biochemical Characterization of Clinical Strains of <i>Staphylococcus</i> spp. and Their Sensitivity to Polyphenols-Rich Extracts from Pistachio (<i>Pistacia vera</i> L.). <i>Pathogens</i> , 2018, 7, 82.	2.8	13
85	Polyphenol Characterization, Antioxidant and Skin Whitening Properties of <i>Alnus cordata</i> Stem Bark. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900314.	2.1	13
86	Transport of alpha-tocopherol and its derivatives through erythrocyte membranes. <i>Pharmaceutical Research</i> , 1996, 13, 1343-1347.	3.5	12
87	Differential Scanning Calorimetry Evidence of the Enhancement of β -Sitosterol Absorption across Biological Membranes Mediated by β -Cyclodextrins. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 10228-10233.	5.2	12
88	Colored phytonutrients: Role and applications in the functional foods of anthocyanins. , 2020, , 177-195.		12
89	Promising in vitro antioxidant, anti-acetylcholinesterase and neuroactive effects of essential oil from two non-psychoactive <i>Cannabis sativa</i> L. biotypes. <i>Phytotherapy Research</i> , 2020, 34, 2287-2302.	5.8	12
90	<i>Mentha pulegium</i> L.: A Plant Underestimated for Its Toxicity to Be Recovered from the Perspective of the Circular Economy. <i>Molecules</i> , 2021, 26, 2154.	3.8	12

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91	Anti-Inflammatory and Wound Healing Properties of Leaf and Rhizome Extracts from the Medicinal Plant <i>PeucedanumÂostruthium</i> (L.) W. D. J. Koch. <i>Molecules</i> , 2022, 27, 4271.	3.8	12
92	New Insights on <i>Euphorbia dendroides</i> L. (Euphorbiaceae): Polyphenol Profile and Biological Properties of Hydroalcoholic Extracts from Aerial Parts. <i>Plants</i> , 2021, 10, 1621.	3.5	11
93	<i>Carpobrotus edulis</i> (L.) N.E.Br. extract as a skin preserving agent: From traditional medicine to scientific validation. <i>Journal of Integrative Medicine</i> , 2021, 19, 526-536.	3.1	11
94	Comparative and Functional Screening of Three Species Traditionally used as Antidepressants: <i>Valeriana officinalis</i> L., <i>Valeriana jatamansi</i> Jones ex Roxb. and <i>Nardostachys jatamansi</i> (D.Don) DC.. <i>Plants</i> , 2020, 9, 994.	3.5	10
95	Evaluation of Anthocyanin Profile, Antioxidant, Cytoprotective, and Anti-Angiogenic Properties of <i>Callistemon citrinus</i> Flowers. <i>Plants</i> , 2020, 9, 1045.	3.5	9
96	The Hull of Ripe Pistachio Nuts (<i>Pistacia vera</i> L.) as a Source of New Promising Melanogenesis Inhibitors. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 111-117.	3.2	9
97	Phytochemical Characterization of <i>Olea europea</i> Leaf Extracts and Assessment of Their Anti-Microbial and Anti-HSV-1 Activity. <i>Viruses</i> , 2021, 13, 1085.	3.3	9
98	Selective COX-2 Inhibitory Properties of Dihydrostilbenes from Liquorice Leavesâ€“ <i>In Vitro</i> Assays and Structure/Activity Relationship Study. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400901.	0.5	8
99	Nitrogen Headspace Improves the Extra Virgin Olive Oil Shelf-Life, Preserving Its Functional Properties. <i>Antioxidants</i> , 2019, 8, 331.	5.1	8
100	In vitro intestinal transport and anti-inflammatory properties of ideain across Caco-2 transwell model. <i>FÃ-toterapÃ-Ãç</i> , 2020, 146, 104723.	2.2	8
101	Understanding the Fate of Almond (<i>Prunus dulcis</i> (Mill.) D.A. Webb) Oleosomes during Simulated Digestion. <i>Nutrients</i> , 2020, 12, 3397.	4.1	8
102	Pharmacognostic approach to evaluate the micromorphological, phytochemical and biological features of <i>Citrus lumia</i> seeds. <i>Food Chemistry</i> , 2022, 375, 131855.	8.2	8
103	Molybdenum oxide nanocolloids prepared by an external field-assisted laser ablation in water. <i>EPJ Web of Conferences</i> , 2018, 167, 04009.	0.3	6
104	Wound-healing activity of Algerian <i>Lavandula stoechas</i> and <i>Mentha pulegium</i> extracts: from traditional use to scientific validation. <i>Plant Biosystems</i> , 2022, 156, 427-439.	1.6	6
105	Bilberry (<i>Vaccinium myrtyllus</i> L.). , 2019, , 159-163.		5
106	Dietary Phytochemicals and Endocrine-related Activities: An Update. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1382-1397.	2.4	5
107	NRG1 and NRG2 fusions in non-small cell lung cancer (NSCLC): seven years between lights and shadows. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 865-875.	3.4	4
108	Characterization of Ingredients Incorporated in the Traditional Mixed-Salad of the Capuchin Monks. <i>Plants</i> , 2022, 11, 301.	3.5	3

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109	Intracellular distribution of vinclozolin and its metabolites differently affects 5 α -dihydrotestosterone (DHT)-induced PSA secretion in LNCaP cells. <i>Reproductive Toxicology</i> , 2022, 111, 83-91.	2.9	2
110	Simulated human digestion of N1-aryl-2-arylthioacetamidobenzimidazoles and their activity against Herpes-simplex virus 1 in vitro. <i>PLoS ONE</i> , 2019, 14, e0216384.	2.5	1
111	NRG fusions in tumors: moving from the past to future knowledge. <i>Future Oncology</i> , 2021, 17, 487-490.	2.4	1
112	Modulatory Activities of Plant Extracts on Jellyfish Cytotoxicity. <i>Wilderness and Environmental Medicine</i> , 2020, 31, 266-272.	0.9	0
113	Antioxidants in Diets and Food. , 2021, , 19-55.		0
114	Antioxidants in Diets and Food. , 2020, , 1-37.		0