Domenico Trombetta

List of Publications by Year
in descending order

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Version: 2024-02-01

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	Wound-healing activity of Algerian Lavandula stoechas and Mentha pulegium extracts: from traditional use to scientific validation. Plant Biosystems, 2022, 156, 427-439.	1.6	6
2	In vitro evaluation of antibiofilm activity of crude extracts from macroalgae against pathogens relevant in aquaculture. Aquaculture, 2022, 549, 737729.	3.5	19
3	Pharmacognostic approach to evaluate the micromorphological, phytochemical and biological features of Citrus lumia seeds. Food Chemistry, 2022, 375, 131855.	8.2	8
4	Characterization of Ingredients Incorporated in the Traditional Mixed-Salad of the Capuchin Monks. Plants, 2022, 11, 301.	3.5	3
5	Biotechnological Applications and Health-Promoting Properties of Flavonols: An Updated View. International Journal of Molecular Sciences, 2022, 23, 1710.	4.1	26
6	Intracellular distribution of vinclozolin and its metabolites differently affects 5Î±-dihydrotestosterone (DHT)-induced PSA secretion in LNCaP cells. Reproductive Toxicology, 2022, 111, 83-91.	2.9	2
7	Comparative Evaluation of the Nutrients, Phytochemicals, and Antioxidant Activity of Two Hempseed Oils and Their Byproducts after Cold Pressing. Molecules, 2022, 27, 3431.	3.8	15
8	Anti-Inflammatory and Wound Healing Properties of Leaf and Rhizome Extracts from the Medicinal Plant PeucedanumÂostruthium (L.) W. D. J. Koch. Molecules, 2022, 27, 4271.	3.8	12
9	Antioxidant activity of Hydroxytyrosol and Vitamin E reduces systemic inflammation in children with paediatric NAFLD. Digestive and Liver Disease, 2021, 53, 1154-1158.	0.9	46
10	Antioxidant and antimicrobial activity of two standardized extracts from a new Chinese accession of nonâ€psychotropic <scp>Cannabis sativa</scp> L.. Phytotherapy Research, 2021, 35, 1099-1112.	5.8	18
11	Therapeutic Potential of Afatinib inNRG1Fusion-Driven Solid Tumors: A Case Series. Oncologist, 2021, 26, 7-16.	3.7	31
12	Antioxidants in Diets and Food. , 2021, , 19-55.		0
13	The Hull of Ripe Pistachio Nuts (Pistacia vera L.) as a Source of New Promising Melanogenesis Inhibitors. Plant Foods for Human Nutrition, 2021, 76, 111-117.	3.2	9
14	NRGÂfusions in tumors: moving from the past to future knowledge. Future Oncology, 2021, 17, 487-490.	2.4	1
15	Food flavonols: Nutraceuticals with complex health benefits and functionalities. Trends in Food Science and Technology, 2021, 117, 194-204.	15.1	81
16	Mentha pulegium L.: A Plant Underestimated for Its Toxicity to Be Recovered from the Perspective of the Circular Economy. Molecules, 2021, 26, 2154.	3.8	12
17	Phytochemical characterization and biological properties of two standardized extracts from a nonâ€psychotropic Cannabis sativa L. cannabidiol (CBD)â€chemotype. Phytotherapy Research, 2021, 35, 5269-5281.	5.8	15
18	Phytochemical Characterization of Olea europea Leaf Extracts and Assessment of Their Anti-Microbial and Anti-HSV-1 Activity. Viruses, 2021, 13, 1085.	3.3	9

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19	New Insights on Euphorbia dendroides L. (Euphorbiaceae): Polyphenol Profile and Biological Properties of Hydroalcoholic Extracts from Aerial Parts. Plants, 2021, 10, 1621.	3.5	11
20	Carpobrotus edulis (L.) N.E.Br. extract as a skin preserving agent: From traditional medicine to scientific validation. Journal of Integrative Medicine, 2021, 19, 526-536.	3.1	11
21	Antioxidant and Anti-Inflammatory Activity of Citrus Flavanones Mix and Its Stability after In Vitro Simulated Digestion. Antioxidants, 2021, 10, 140.	5.1	33
22	NRG1 and NRG2 fusions in non-small cell lung cancer (NSCLC): seven years between lights and shadows. Expert Opinion on Therapeutic Targets, 2021, 25, 865-875.	3.4	4
23	Eucalyptus gunnii and Eucalyptus pulverulenta â€˜Baby Blueâ€™ Essential Oils as Potential Natural Herbicides. Molecules, 2021, 26, 6749.	3.8	14
24	Colored phytonutrients: Role and applications in the functional foods of anthocyanins. , 2020, , 177-195.		12
25	Antiviral activity of plants and their isolated bioactive compounds: An update. Phytotherapy Research, 2020, 34, 742-768.	5.8	102
26	In vitro intestinal transport and anti-inflammatory properties of ideain across Caco-2 transwell model. FÃ¬toterapÃ¬Ã¢, 2020, 146, 104723.	2.2	8
27	Modulatory Activities of Plant Extracts on Jellyfish Cytotoxicity. Wilderness and Environmental Medicine, 2020, 31, 266-272.	0.9	0
28	Understanding the Fate of Almond (Prunus dulcis (Mill.) D.A. Webb) Oleosomes during Simulated Digestion. Nutrients, 2020, 12, 3397.	4.1	8
29	Comparative and Functional Screening of Three Species Traditionally used as Antidepressants: Valeriana officinalis L., Valeriana jatamansi Jones ex Roxb. and Nardostachys jatamansi (D.Don) DC.. Plants, 2020, 9, 994.	3.5	10
30	New insights into Citrus genus: From ancient fruits to new hybrids. Food Frontiers, 2020, 1, 305-328.	7.4	17
31	Evaluation of Anthocyanin Profile, Antioxidant, Cytoprotective, and Anti-Angiogenic Properties of Callistemon citrinus Flowers. Plants, 2020, 9, 1045.	3.5	9
32	Phytochemical Profile, Safety Assessment and Wound Healing Activity of Artemisia absinthium L.. Plants, 2020, 9, 1744.	3.5	21
33	Antioxidant, Anti-Inflammatory and Anti-Angiogenic Properties of Citrus lumia Juice. Frontiers in Pharmacology, 2020, 11, 593506.	3.5	23
34	Chemical Composition and Biological Activities of the Essential Oils of Leptospermum petersonii and Eucalyptus gunnii. Frontiers in Microbiology, 2020, 11, 409.	3.5	27
35	Citrus Flavones: An Update on Sources, Biological Functions, and Health Promoting Properties. Plants, 2020, 9, 288.	3.5	84
36	Chemical Composition and Biological Activities of Essential Oils from Peels of Three Citrus Species. Molecules, 2020, 25, 1890.	3.8	30

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37	Promising in vitro antioxidant, antiâ€acetylcholinesterase and neuroactive effects of essential oil from two nonâ€psychotropic <scp>Cannabis sativa</scp> L. biotypes. Phytotherapy Research, 2020, 34, 2287-2302.	5.8	12
38	Antioxidants in Diets and Food. , 2020, , 1-37.		0
39	Insights into Eucalyptus genus chemical constituents, biological activities and health-promoting effects. Trends in Food Science and Technology, 2019, 91, 609-624.	15.1	71
40	Polyphenol Characterization, Antioxidant and Skin Whitening Properties of Alnus cordata Stem Bark. Chemistry and Biodiversity, 2019, 16, e1900314.	2.1	13
41	Characterization and Phytotoxicity Assessment of Essential Oils from Plant Byproducts. Molecules, 2019, 24, 2941.	3.8	24
42	Feijoa Fruit Peel: Micro-morphological Features, Evaluation of Phytochemical Profile, and Biological Properties of Its Essential Oil. Antioxidants, 2019, 8, 320.	5.1	16
43	Nitrogen Headspace Improves the Extra Virgin Olive Oil Shelf-Life, Preserving Its Functional Properties. Antioxidants, 2019, 8, 331.	5.1	8
44	Safety and efficacy of hydroxytyrosol-based formulation on skin inflammation: in vitro evaluation on reconstructed human epidermis model. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 283-293.	2.0	14
45	Simulated human digestion of N1-aryl-2-arylthioacetamidobenzimidazoles and their activity against Herpes-simplex virus 1 in vitro. PLoS ONE, 2019, 14, e0216384.	2.5	1
46	Study of the Lipid Profile of ATCC and Clinical Strains of Staphylococcus aureus in Relation to Their Antibiotic Resistance. Molecules, 2019, 24, 1276.	3.8	17
47	<scp>Opuntia ficusâ€indica</scp> (L.) Mill. fruit as source of betalains with antioxidant, cytoprotective, and antiâ€angiogenic properties. Phytotherapy Research, 2019, 33, 1526-1537.	5.8	40
48	Polyphenol Characterization and Skin-Preserving Properties of Hydroalcoholic Flower Extract from Himantoglossum robertianum (Orchidaceae). Plants, 2019, 8, 502.	3.5	23
49	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
50	The Antioxidant Effects of Hydroxytyrosol and Vitamin E on Pediatric Nonalcoholic Fatty Liver Disease, in a Clinical Trial: A New Treatment?. Antioxidants and Redox Signaling, 2019, 31, 127-133.	5.4	24
51	In vitro evaluation of the activity of an essential oil from Pistacia vera L. variety Bronte hull against Candida sp.. BMC Complementary and Alternative Medicine, 2019, 19, 6.	3.7	18
52	Bilberry (Vaccinium myrtyllus L.). , 2019, , 159-163.		5
53	Molybdenum oxide nanocolloids prepared by an external field-assisted laser ablation in water. EPJ Web of Conferences, 2018, 167, 04009.	0.3	6
54	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

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55	Biochemical Characterization of Clinical Strains of Staphylococcus spp. and Their Sensitivity to Polyphenols-Rich Extracts from Pistachio (Pistacia vera L.). Pathogens, 2018, 7, 82.	2.8	13
56	Frequent NRG1 fusions in Caucasian pulmonary mucinous adenocarcinoma predicted by Phospho-ErbB3 expression. Oncotarget, 2018, 9, 9661-9671.	1.8	36
57	Evaluation of biological response induced by molybdenum oxide nanocolloids on in vitro cultured NIH/3T3 fibroblast cells by micro-Raman spectroscopy. Colloids and Surfaces B: Biointerfaces, 2018, 170, 233-241.	5.0	22
58	Understanding the Effect of Particle Size and Processing on Almond Lipid Bioaccessibility through Microstructural Analysis: From Mastication to Faecal Collection. Nutrients, 2018, 10, 213.	4.1	36
59	Targeting ubiquitin-proteasome pathway by natural, in particular polyphenols, anticancer agents: Lessons learned from clinical trials. Cancer Letters, 2018, 434, 101-113.	7.2	36
60	Dietary Phytochemicals and Endrocrine-related Activities: An Update. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1382-1397.	2.4	5
61	Flavanones: Citrus phytochemical with healthâ€promoting properties. BioFactors, 2017, 43, 495-506.	5.4	247
62	ALK and NRG1 Fusions Coexist in a Patient with Signet Ring Cell Lung Adenocarcinoma. Journal of Thoracic Oncology, 2017, 12, e161-e163.	1.1	16
63	Exposure to Anisakis extracts can induce inflammation on in vitro cultured human colonic cells. Parasitology Research, 2017, 116, 2471-2477.	1.6	17
64	In vitro and in vivo modeling of lipid bioaccessibility and digestion from almond muffins: The importance of the cell-wall barrier mechanism. Journal of Functional Foods, 2017, 37, 263-271.	3.4	33
65	Proanthocyanidins and hydrolysable tannins: occurrence, dietary intake and pharmacological effects. British Journal of Pharmacology, 2017, 174, 1244-1262.	5.4	408
66	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. International Journal of Molecular Sciences, 2017, 18, 797.	4.1	26
67	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
68	Almond Skin Extracts Abrogate HSV-1 Replication by Blocking Virus Binding to the Cell. Viruses, 2017, 9, 178.	3.3	49
69	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
70	Food Matrix Effects of Polyphenol Bioaccessibility from Almond Skin during Simulated Human Digestion. Nutrients, 2016, 8, 568.	4.1	57
71	Chemistry, Pharmacology and Health Benefits of Anthocyanins. Phytotherapy Research, 2016, 30, 1265-1286.	5.8	283
72	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

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73	Phytochemical, Ecological and Antioxidant Evaluation of Wild Sicilian Thyme: Thymbra capitata (L.) <scp>Cav</scp>.. Chemistry and Biodiversity, 2016, 13, 1641-1655.	2.1	31
74	Polyphenolic content and biological properties of Avola almond (Prunus dulcis Mill. D.A. Webb) skin and its industrial byproducts. Industrial Crops and Products, 2016, 83, 283-293.	5.2	70
75	Evaluation of the nutraceutical, antioxidant and cytoprotective properties of ripe pistachio (Pistacia) Tj ETQq1 1 0.784314 rgBT /Overlo	8.2	142
76	Wild Sicilian Rosemary: Phytochemical and Morphological Screening and Antioxidant Activity Evaluation of Extracts and Essential Oils. Chemistry and Biodiversity, 2015, 12, 1075-1094.	2.1	25
77	Selective COX-2 Inhibitory Properties of Dihydrostilbenes from Liquorice Leavesâ€“In Vitro Assays and Structure/Activity Relationship Study. Natural Product Communications, 2014, 9, 1934578X1400901.	0.5	8
78	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
79	Protective effect of red orange extract supplementation against <scp>UV</scp>â€induced skin damages: photoaging and solar lentigines. Journal of Cosmetic Dermatology, 2014, 13, 151-157.	1.6	43
80	Herbal Products in Pregnancy: Experimental Studies and Clinical Reports. Phytotherapy Research, 2014, 28, 1107-1116.	5.8	31
81	Health Effects of Vaccinium myrtillus L.: Evaluation of Efficacy and Technological Strategies for Preservation of Active Ingredients. Mini-Reviews in Medicinal Chemistry, 2014, 14, 567-584.	2.4	26
82	Intracellular Distribution and Biological Effects of Phytochemicals in a Sex Steroid- Sensitive Model of Human Prostate Adenocarcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 1386-1396.	1.7	14
83	Anthocyanins protect human endothelial cells from mild hyperoxia damage through modulation of Nrf2 pathway. Genes and Nutrition, 2013, 8, 391-399.	2.5	48
84	In vitro antioxidant and in vivo photoprotective effect of pistachio (Pistacia vera L., variety Bronte) seed and skin extracts. FÃ¬toterapÃ¬Ã¢, 2013, 85, 41-48.	2.2	77
85	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
86	Antioxidant and Photoprotective Effects of Blanch Water, a Byproduct of the Almond Processing Industry. Molecules, 2013, 18, 12426-12440.	3.8	16
87	Functionalization of multi-walled carbon nanotubes with coumarin derivatives and their biological evaluation. Organic and Biomolecular Chemistry, 2012, 10, 1025-1031.	2.8	38
88	PAHs concentration in heat-treated milk samples. Food Research International, 2011, 44, 716-724.	6.2	66
89	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
90	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

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91	Antioxidant properties of 4-methylcoumarins in in vitro cell-free systems. Biochimie, 2010, 92, 1101-1107.	2.6	72
92	Levels of benzo[a]pyrene and benzo[a]anthracene in smoked â€œProvolaâ€•cheese from Calabria (Italy). Food Additives and Contaminants: Part B Surveillance, 2008, 1, 78-84.	2.8	15
93	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
94	Interaction of Four Monoterpenes Contained in Essential Oils with Model Membranes:Â Implications for Their Antibacterial Activity. Journal of Agricultural and Food Chemistry, 2007, 55, 6300-6308.	5.2	490
95	Radical-scavenging capacity of several Italian red wines. Food Chemistry, 2007, 103, 75-81.	8.2	64
96	Differential Scanning Calorimetry Evidence of the Enhancement of Î²-Sitosterol Absorption across Biological Membranes Mediated by Î²-Cyclodextrins. Journal of Agricultural and Food Chemistry, 2006, 54, 10228-10233.	5.2	12
97	Increased protein carbonyl groups in the serum of patients affected by thalassemia major. Annals of Hematology, 2006, 85, 520-522.	1.8	24
98	Antiallergic and antihistaminic effect of two extracts ofCapparis spinosa L. flowering buds. Phytotherapy Research, 2005, 19, 29-33.	5.8	55
99	Mechanisms of Antibacterial Action of Three Monoterpenes. Antimicrobial Agents and Chemotherapy, 2005, 49, 2474-2478.	3.2	939
100	Oxidative stress in handball players: effect of supplementation with a red orange extract. Nutrition Research, 2005, 25, 917-924.	2.9	24
101	Toxic effect of nickel in an in vitro model of human oral epithelium. Toxicology Letters, 2005, 159, 219-225.	0.8	56
102	'In vitro' antioxidant and photoprotective properties and interaction with model membranes of three new quercetin esters. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 56, 167-174.	4.3	73
103	Interaction of melatonin with model membranes and possible implications in its photoprotective activity. European Journal of Pharmaceutics and Biopharmaceutics, 2002, 53, 209-215.	4.3	37
104	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
105	In vitro evaluation of the antioxidant activity and biomembrane interaction of the lazaroid U-74389G. Life Sciences, 2001, 68, 1351-1366.	4.3	19
106	In vitro antibacterial activity of some aliphatic aldehydes fromOlea europaeaL.. FEMS Microbiology Letters, 2001, 198, 9-13.	1.8	199
107	Synthesis, stability, and pharmacological evaluation of nipecotic acid prodrugs. Journal of Pharmaceutical Sciences, 1999, 88, 561-567.	3.3	66
108	Ferulic and caffeic acids as potential protective agents against photooxidative skin damage. Journal of the Science of Food and Agriculture, 1999, 79, 476-480.	3.5	141

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109	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
110	Influence of different penetration enhancers on in vitro skin permeation and in vivo photoprotective effect of flavonoids. International Journal of Pharmaceutics, 1998, 175, 85-94.	5.2	102
111	Dipalmitoylphosphatidylcholine/linoleic acid mixed unilamellar vesciles as model membranes for studies on novel free-radical scavengers. Journal of Pharmacological and Toxicological Methods, 1997, 37, 135-141.	0.7	23
112	Changes in the permeability of the blood-brain barrier following sodium dodecyl sulphate administration in the rat. Experimental Brain Research, 1997, 115, 546-551.	1.5	40
113	Transport of alpha-tocopherol and its derivatives through erythrocyte membranes. Pharmaceutical Research, 1996, 13, 1343-1347.	3.5	12
114	Flavonoid-biomembrane interactions: A calorimetric study on dipalmitoylphosphatidylcholine vesicles. International Journal of Pharmaceutics, 1995, 124, 1-8.	5.2	59