

Antonella Smeriglio

List of Publications by Year in descending order

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91
papers

3,549
citations

159573

30
h-index

149686

56
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91
docs citations

91
times ranked

4836
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Antioxidant and anticancer potentials of edible flowers: where do we stand?. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 8589-8645.	10.3	17
3	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
4	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
5	Ethnomedicinal and Ethnobotanical Survey in the Aosta Valley Side of the Gran Paradiso National Park (Western Alps, Italy). <i>Plants</i> , 2022, 11, 170.	3.5	13
6	Characterization of Ingredients Incorporated in the Traditional Mixed-Salad of the Capuchin Monks. <i>Plants</i> , 2022, 11, 301.	3.5	3
7	Biotechnological Applications and Health-Promoting Properties of Flavonols: An Updated View. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1710.	4.1	26
8	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
9	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
10	Immune System Dysfunction and Inflammation in Hemodialysis Patients: Two Sides of the Same Coin. <i>Journal of Clinical Medicine</i> , 2022, 11, 3759.	2.4	29
11	Anti-Inflammatory and Wound Healing Properties of Leaf and Rhizome Extracts from the Medicinal Plant <i>Peucedanum ostruthium</i> (L.) W. D. J. Koch. <i>Molecules</i> , 2022, 27, 4271.	3.8	12
12	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
13	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
14	Antioxidants in Diets and Food. , 2021, , 19-55.		0
15	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
16	Food flavonols: Nutraceuticals with complex health benefits and functionalities. <i>Trends in Food Science and Technology</i> , 2021, 117, 194-204.	15.1	81
17	<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
18	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

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19	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
20	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-36.	4.0	104
21	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
22	<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
23	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
24	<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
25	Colored phytonutrients: Role and applications in the functional foods of anthocyanins. , 2020, , 177-195.		12
26	Antiviral activity of plants and their isolated bioactive compounds: An update. <i>Phytotherapy Research</i> , 2020, 34, 742-768.	5.8	102
27	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
28	Modulatory Activities of Plant Extracts on Jellyfish Cytotoxicity. <i>Wilderness and Environmental Medicine</i> , 2020, 31, 266-272.	0.9	0
29	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
30	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
31	New insights into <i>Citrus</i> genus: From ancient fruits to new hybrids. <i>Food Frontiers</i> , 2020, 1, 305-328.	7.4	17
32	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
33	Phytochemical Profile, Safety Assessment and Wound Healing Activity of <i>Artemisia absinthium</i> L.. <i>Plants</i> , 2020, 9, 1744.	3.5	21
34	Antioxidant, Anti-Inflammatory and Anti-Angiogenic Properties of <i>Citrus lumia</i> Juice. <i>Frontiers in Pharmacology</i> , 2020, 11, 593506.	3.5	23
35	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
36	In Vitro Anti-HSV-1 Activity of Polyphenol-Rich Extracts and Pure Polyphenol Compounds Derived from Pistachios Kernels (<i>Pistacia vera</i> L.). <i>Plants</i> , 2020, 9, 267.	3.5	31

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37	The anti-inflammatory effects of hydroxytyrosol and vitamin e on paediatric NAFLD. Digestive and Liver Disease, 2020, 52, e42-e43.	0.9	2
38	Citrus Flavones: An Update on Sources, Biological Functions, and Health Promoting Properties. Plants, 2020, 9, 288.	3.5	84
39	The Antioxidant and Anti-Inflammatory Properties of Anacardium occidentale L. Cashew Nuts in a Mouse Model of Colitis. Nutrients, 2020, 12, 834.	4.1	71
40	Chemical Composition and Biological Activities of Essential Oils from Peels of Three Citrus Species. Molecules, 2020, 25, 1890.	3.8	30
41	Promising in vitro antioxidant, anti- <i>acetylcholinesterase</i> and neuroactive effects of essential oil from two non- <i>psychotropic</i> <i>Cannabis sativa</i> L. biotypes. Phytotherapy Research, 2020, 34, 2287-2302.	5.8	12
42	Emerging Exotic Fruits: New Functional Foods in the European Market. EFood, 2020, 1, 126-139.	3.1	15
43	Consumption of Anacardium occidentale L. (Cashew Nuts) Inhibits Oxidative Stress through Modulation of the Nrf2/HO-1 and NF- κ B Pathways. Molecules, 2020, 25, 4426.	3.8	55
44	Antioxidants in Diets and Food. , 2020, , 1-37.		0
45	Multidisciplinary Screening of Three Species belonging to Caprifoliaceae Family Traditionally Used as Antidepressants. Biology and Life Sciences Forum, 2020, 4, .	0.6	0
46	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
47	Polyphenol Characterization, Antioxidant and Skin Whitening Properties of <i>Alnus cordata</i> Stem Bark. Chemistry and Biodiversity, 2019, 16, e1900314.	2.1	13
48	Characterization and Phytotoxicity Assessment of Essential Oils from Plant Byproducts. Molecules, 2019, 24, 2941.	3.8	24
49	Feijoa Fruit Peel: Micro-morphological Features, Evaluation of Phytochemical Profile, and Biological Properties of Its Essential Oil. Antioxidants, 2019, 8, 320.	5.1	16
50	The Antimicrobial and Antiviral Activity of Polyphenols from Almond (<i>Prunus dulcis</i> L.) Skin. Nutrients, 2019, 11, 2355.	4.1	71
51	Nitrogen Headspace Improves the Extra Virgin Olive Oil Shelf-Life, Preserving Its Functional Properties. Antioxidants, 2019, 8, 331.	5.1	8
52	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
53	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
54	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

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55	<scp><i>Opuntia ficus-indica</i></scp> (L.) Mill. fruit as source of betalains with antioxidant, cytoprotective, and anti-angiogenic properties. <i>Phytotherapy Research</i> , 2019, 33, 1526-1537.	5.8	40
56	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
57	Antiangiogenic Effects of Coumarins against Cancer: From Chemistry to Medicine. <i>Molecules</i> , 2019, 24, 4278.	3.8	45
58	Antioxidant and cytoprotective activities of an ancient Mediterranean citrus (<i>Citrus lumia</i> Risso) albedo extract: Microscopic observations and polyphenol characterization. <i>Food Chemistry</i> , 2019, 279, 347-355.	8.2	59
59	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
60	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
61	Phytochemical analysis and evaluation of antioxidant and anti-acetylcholinesterase activities of <i>Euphorbia dendroides</i> L. (Euphorbiaceae) latex. <i>Plant Biosystems</i> , 2019, 153, 498-505.	1.6	14
62	Bilberry (<i>Vaccinium myrtillus</i> L.). , 2019, , 159-163.		5
63	Effects of Isolated Isoflavones Intake on Health. <i>Current Medicinal Chemistry</i> , 2019, 26, 5094-5107.	2.4	21
64	Evaluation of antioxidant, antiinflammatory, and gastroprotective properties of <scp><i>Rubus fruticosus</i></scp> L. fruit juice. <i>Phytotherapy Research</i> , 2018, 32, 1404-1414.	5.8	27
65	Inhibition of aldose reductase activity by chemotypes extracts with high content of cannabidiol or cannabigerol. <i>FÄ-toterapÄ-Ä</i> , 2018, 127, 101-108.	2.2	39
66	Essential oil of <i>Citrus lumia</i> Risso: Phytochemical profile, antioxidant properties and activity on the central nervous system. <i>Food and Chemical Toxicology</i> , 2018, 119, 407-416.	3.6	52
67	Polyphenolic profile and biological activities of black carrot crude extract (<i>Daucus carota</i> L. ssp.) Tj ETQq1 1 0.784314 rgBT /Overlock 2.2 52	2.2	52
68	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
69	The problem of misidentification between edible and poisonous wild plants: Reports from the Mediterranean area. <i>Food and Chemical Toxicology</i> , 2018, 119, 112-121.	3.6	22
70	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
71	Dietary Phytochemicals and Endocrine-related Activities: An Update. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1382-1397.	2.4	5
72	Effects of beta-sitosterol on isolated human non-pregnant uterus in comparison to prostaglandin E2. <i>Pharmacognosy Magazine</i> , 2018, 14, 118.	0.6	1

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73	Flavanones: Citrus phytochemical with health-promoting properties. <i>BioFactors</i> , 2017, 43, 495-506.	5.4	247
74	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
75	Proanthocyanidins and hydrolysable tannins: occurrence, dietary intake and pharmacological effects. <i>British Journal of Pharmacology</i> , 2017, 174, 1244-1262.	5.4	408
76	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
77	Antioxidant Effects of a Hydroxytyrosol-Based Pharmaceutical Formulation on Body Composition, Metabolic State, and Gene Expression: A Randomized Double-Blinded, Placebo-Controlled Crossover Trial. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	4.0	60
78	Almond Skin Extracts Abrogate HSV-1 Replication by Blocking Virus Binding to the Cell. <i>Viruses</i> , 2017, 9, 178.	3.3	49
79	In Vitro Evaluation of the Antioxidant, Cytoprotective, and Antimicrobial Properties of Essential Oil from <i>Pistacia vera</i> L. Variety Bronte Hull. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1212.	4.1	70
80	Food Matrix Effects of Polyphenol Bioaccessibility from Almond Skin during Simulated Human Digestion. <i>Nutrients</i> , 2016, 8, 568.	4.1	57
81	Polyphenolic Compounds and Antioxidant Activity of Cold-Pressed Seed Oil from Finola Cultivar of <i>Cannabis sativa</i> L.. <i>Phytotherapy Research</i> , 2016, 30, 1298-1307.	5.8	110
82	Chemistry, Pharmacology and Health Benefits of Anthocyanins. <i>Phytotherapy Research</i> , 2016, 30, 1265-1286.	5.8	283
83	Cyanidin-3- O -galactoside in ripe pistachio (<i>Pistachia vera</i> L. variety Bronte) hulls: Identification and evaluation of its antioxidant and cytoprotective activities. <i>Journal of Functional Foods</i> , 2016, 27, 376-385.	3.4	50
84	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
85	Evaluation of the nutraceutical, antioxidant and cytoprotective properties of ripe pistachio (<i>Pistacia</i> Tj ETQq1 1 0.784314 rgBT /Over	8.2	142
86	Development and Validation of RP-HPLC-DAD Method to Quantify Hydroxytyrosol Content in a Semi-Solid Pharmaceutical Formulation. , 2015, 5, .		4
87	Flavonoid Fraction of Orange and Bergamot Juices Protect Human Lung Epithelial Cells from Hydrogen Peroxide-Induced Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-14.	1.2	60
88	Herbal Products in Pregnancy: Experimental Studies and Clinical Reports. <i>Phytotherapy Research</i> , 2014, 28, 1107-1116.	5.8	31
89	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
90	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

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91	Screening of fruit and leaf essential oils of <i>Litsea cubeba</i> Pers. from north-east India – chemical composition and antimicrobial activity. Journal of Essential Oil Research, 2013, 25, 330-338.	2.7	28