Simona Piccolella

List of Publications by Year
in descending order

69 papers	1,860 citations	218381 26 h-index	288905 40 g-index
70 all docs	70 docs citations	70 times ranked	2564 citing authors

#	Article	IF	Citations
1	Silica/quercetin solâ€“gel hybrids as antioxidant dental implant materials. Science and Technology of Advanced Materials, 2015, 16, 035001.	2.8	146
2	Antioxidant Properties of Sour Cherries (Prunus cerasus L.): Role of Colorless Phytochemicals from the Methanolic Extract of Ripe Fruits. Journal of Agricultural and Food Chemistry, 2008, 56, 1928-1935.	2.4	103
3	Nutraceutical polyphenols: New analytical challenges and opportunities. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112774.	1.4	91
4	Chemical composition and nutraceutical properties of hempseed: an ancient food with actual functional value. Phytochemistry Reviews, 2018, 17, 733-749.	3.1	75
5	Influence of seasonal variation on Thymus longicaulis C. Presl chemical composition and its antioxidant and anti-inflammatory properties. Phytochemistry, 2014, 107, 80-90.	1.4	60
6	Seasonal variation in phenolic composition and antioxidant and anti-inflammatory activities of Calamintha nepeta (L.) Savi. Food Research International, 2015, 69, 121-132.	2.9	59
7	Chemical composition, nutritional value and antioxidant properties of autochthonous Prunus avium cultivars from Campania Region. Food Research International, 2014, 64, 188-199.	2.9	58
8	New insights into phenol and polyphenol composition of Stevia rebaudiana leaves. Journal of Pharmaceutical and Biomedical Analysis, 2019, 163, 45-57.	1.4	55
9	Chemical Analysis of Minor Bioactive Components and Cannabidiolic Acid in Commercial Hemp Seed Oil. Molecules, 2020, 25, 3710.	1.7	49
10	Spectroscopic Characterization and Antiproliferative Activity on HepG2 Human Hepatoblastoma Cells of Flavonoid C-Glycosides from Petrorhagia velutina. Journal of Natural Products, 2010, 73, 1973-1978.	1.5	48
11	A polyphenol complex from Thymus vulgaris L. plants cultivated in the Campania Region (Italy): New perspectives against neuroblastoma. Journal of Functional Foods, 2016, 20, 253-266.	1.6	48
12	Can agronomic practices and cold-pressing extraction parameters affect phenols and polyphenols content in hempseed oils?. Industrial Crops and Products, 2019, 130, 511-519.	2.5	46
13	Solâ€“gel synthesis and characterization of SiO 2 /PCL hybrid materials containing quercetin as new materials for antioxidant implants. Materials Science and Engineering C, 2016, 58, 945-952.	3.8	44
14	New SiO2/Caffeic Acid Hybrid Materials: Synthesis, Spectroscopic Characterization, and Bioactivity. Materials, 2020, 13, 394.	1.3	43
15	A nutraceutical extract from Inula viscosa leaves: UHPLC-HR-MS/MS based polyphenol profile, and antioxidant and cytotoxic activities. Journal of Food and Drug Analysis, 2019, 27, 692-702.	0.9	41
16	Red-fleshed Apples: Old Autochthonous Fruits as a Novel Source of Anthocyanin Antioxidants. Plant Foods for Human Nutrition, 2015, 70, 324-330.	1.4	39
17	Chlorogenic acid/PEG-based organic-inorganic hybrids: A versatile sol-gel synthesis route for new bioactive materials. Materials Science and Engineering C, 2019, 100, 837-844.	3.8	39
18	(â€’)-Cannabidiolic Acid, a Still Overlooked Bioactive Compound: An Introductory Review and Preliminary Research. Molecules, 2020, 25, 2638.	1.7	38

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19	Hempseed Lignanamides Rich-Fraction: Chemical Investigation and Cytotoxicity towards U-87 Glioblastoma Cells. Molecules, 2020, 25, 1049.	1.7	37
20	Purification, characterization and cytotoxicity assessment of Ageritin: The first ribotoxin from the basidiomycete mushroom Agrocybe aegerita. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1113-1121.	1.1	35
21	Winter wild fennel leaves as a source of anti-inflammatory and antioxidant polyphenols. Arabian Journal of Chemistry, 2018, 11, 513-524.	2.3	35
22	Antiproliferative and antioxidant effect of polar hemp extracts (Cannabis sativa L., Fedora) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 71, 410-423.	1.3	32
23	LC-MS/MS Profiling of a Mastic Leaf Phenol Enriched Extract and Its Effects on H₂O₂ and AÎ²(25â€“35) Oxidative Injury in SK-B-NE(C)-2 Cells. Journal of Agricultural and Food Chemistry, 2014, 62, 11957-11966.	2.4	31
24	An apolar Pistacia lentiscus L. leaf extract: GC-MS metabolic profiling and evaluation of cytotoxicity and apoptosis inducing effects on SH-SY5Y and SK-N-BE(2)C cell lines. Food and Chemical Toxicology, 2016, 95, 64-74.	1.8	31
25	Chlorogenic Acid Entrapped in Hybrid Materials with High PEG Content: A Strategy to Obtain Antioxidant Functionalized Biomaterials?. Materials, 2019, 12, 148.	1.3	28
26	Plant-Derived Polyphenols. Advances in Molecular Toxicology, 2015, 9, 161-214.	0.4	27
27	Influence of harvest season on chemical composition and bioactivity of wild rue plant hydroalcoholic extracts. Food and Chemical Toxicology, 2016, 90, 102-111.	1.8	25
28	A metabolic profiling approach to an Italian sage leaf extract (SoA541) defines its antioxidant and anti-acetylcholinesterase properties. Journal of Functional Foods, 2017, 29, 1-9.	1.6	24
29	Use of the Solâ€“Gel Method for the Preparation of Coatings of Titanium Substrates with Hydroxyapatite for Biomedical Application. Coatings, 2020, 10, 203.	1.2	24
30	Structural characterization and radical scavenging activity of monomeric and dimeric cinnamoyl glucose esters from Petrorhagia velutina leaves. Phytochemistry Letters, 2010, 3, 38-44.	0.6	23
31	FT-IR Study, Thermal Analysis, and Evaluation of the Antibacterial Activity of a MK-Geopolymer Mortar Using Glass Waste as Fine Aggregate. Polymers, 2021, 13, 2970.	2.0	23
32	Study of SH-SY5Y Cancer Cell Response to Treatment with Polyphenol Extracts Using FT-IR Spectroscopy. Biosensors, 2017, 7, 57.	2.3	22
33	Pioppino mushroom in southern Italy: an undervalued source of nutrients and bioactive compounds. Journal of the Science of Food and Agriculture, 2017, 97, 5388-5397.	1.7	19
34	Wild aromatic plants bioactivity: a function of their (poly)phenol seasonality? A case study from Mediterranean area. Phytochemistry Reviews, 2018, 17, 785-799.	3.1	19
35	Isolation, Structure Elucidation, and Antioxidant Evaluation of Cydonioside A, an Unusual Terpenoid from the Fruits ofCydonia vulgaris. Chemistry and Biodiversity, 2007, 4, 973-979.	1.0	18
36	UHPLC-HR-MS/MS-Guided Recovery of Bioactive Flavonol Compounds from Greco di Tufo Vine Leaves. Molecules, 2019, 24, 3630.	1.7	18

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37	Structural discrimination of isomeric tetrahydrofuran lignan glucosides by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 979-985.	0.7	17
38	Entrapping quercetin in silica/polyethylene glycol hybrid materials: Chemical characterization and biocompatibility. Materials Science and Engineering C, 2016, 68, 205-212.	3.8	17
39	UHPLC-HRMS Analysis of Fagus sylvatica (Fagaceae) Leaves: A Renewable Source of Antioxidant Polyphenols. Antioxidants, 2021, 10, 1140.	2.2	16
40	Furofuranic glycosylated lignans: a gasâ€phase ion chemistry investigation by tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2008, 22, 3382-3392.	0.7	15
41	Valle Agricola lentil, an unknown lentil (Lens culinaris Medik.) seed from Southern Italy as a novel antioxidant and prebiotic source. Food and Function, 2015, 6, 3155-3164.	2.1	15
42	Ageritin from poplar mushrooms: scale-up purification and cytotoxicity towards undifferentiated and differentiated SH-SY5Y cells. Food and Function, 2019, 10, 6342-6350.	2.1	15
43	Recovering Cucurbita pepo cv. â€˜Lungo Fiorentinoâ€™ Wastes: UHPLC-HRMS/MS Metabolic Profile, the Basis for Establishing Their Nutra- and Cosmeceutical Valorisation. Molecules, 2019, 24, 1479.	1.7	15
44	Could Polyphenols Really Be a Good Radioprotective Strategy?. Molecules, 2021, 26, 4969.	1.7	15
45	Hyssopus officinalis subsp. aristatus: An unexploited wild-growing crop for new disclosed bioactives. Industrial Crops and Products, 2019, 140, 111594.	2.5	14
46	Coumaroyl Flavonol Glycosides and More in Marketed Green Teas: An Intrinsic Value beyond Much-Lauded Catechins. Molecules, 2020, 25, 1765.	1.7	14
47	UHPLC-ESI-QqTOF Analysis and In Vitro Rumen Fermentation for Exploiting Fagus sylvatica Leaf in Ruminant Diet. Molecules, 2022, 27, 2217.	1.7	14
48	Polyphenols vs. Coronaviruses: How Far Has Research Moved Forward?. Molecules, 2020, 25, 4103.	1.7	13
49	A Cup of Hemp Coffee by Moka Pot from Southern Italy: An UHPLC-HRMS Investigation. Foods, 2020, 9, 1123.	1.9	13
50	Ultrasound-assisted aqueous extraction, LC-MS/MS analysis and radiomodulating capability of autochthonous Italian sweet cherry fruits. Food and Function, 2018, 9, 1840-1849.	2.1	11
51	Structural Characterization of the Lactobacillus Plantarum FlmC Protein Involved in Biofilm Formation. Molecules, 2018, 23, 2252.	1.7	11
52	Structure determination of chamaedryosides Aâ€”C, three novel norâ€neoâ€clerodane glucosides from Teucrium chamaedrys, by NMR spectroscopy. Magnetic Resonance in Chemistry, 2009, 47, 1007-1012.	1.1	10
53	FT-IR Characterization of Antimicrobial Hybrid Materials through Sol-Gel Synthesis. Applied Sciences (Switzerland), 2020, 10, 1180.	1.3	10
54	Steviol glycosides content in cultivated Stevia rebaudiana Bertoni: A new sweet expectation from the Campania region (Italy). Journal of Food Composition and Analysis, 2017, 63, 111-120.	1.9	9

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55	Valle Agricola Chickpeas: Nutritional Profile and Metabolomics Traits of a Typical Landrace Legume from Southern Italy. Foods, 2021, 10, 583.	1.9	9
56	Theobromacacao Criollo var. Beans: Biological Properties and Chemical Profile. Foods, 2021, 10, 571.	1.9	9
57	Discrimination of CBD-, THC- and CBC-type acid cannabinoids through diagnostic ions by UHPLC-HR-MS/MS in negative ion mode. Journal of Pharmaceutical and Biomedical Analysis, 2021, 201, 114125.	1.4	9
58	Calendula arvensis (Vaill.) L.: A Systematic Plant Analysis of the Polar Extracts from Its Organs by UHPLC-HRMS. Foods, 2022, 11, 247.	1.9	9
59	Urtica dioica L. leaf chemical composition: A never-ending disclosure by means of HR-MS/MS techniques. Journal of Pharmaceutical and Biomedical Analysis, 2021, 195, 113892.	1.4	7
60	Cannabidiolic acid in Hemp Seed Oil Table Spoon and Beyond. Molecules, 2022, 27, 2566.	1.7	7
61	Synthesis of WEEE-based geopolymers and their cytotoxicity. Materials Today: Proceedings, 2021, 34, 121-124.	0.9	5
62	Hemp Stem Epidermis and Cuticle: From Waste to Starter in Bio-Based Material Development. Polymers, 2022, 14, 2816.	2.0	4
63	Chemical Fractionation Joint to In-Mixture NMR Analysis for Avoiding the Hepatotoxicity of Teucrium chamaedrys L. subsp. chamaedrys. Biomolecules, 2021, 11, 690.	1.8	2
64	Biomaterials Containing the Natural Antioxidant Quercetin: Synthesis and Health Benefits. Macromolecular Symposia, 2020, 389, 1900060.	0.4	1
65	Bioactivity of chlorogenic acid/SiO2/PEG composite synthesized via sol-gel. Materials Today: Proceedings, 2021, 34, 99-102.	0.9	1
66	Antioxidant and Biocompatible 5â€•O â€Caffeoylquinic Acidâ€Based Composite Materials. Macromolecular Symposia, 2020, 389, 1900086.	0.4	0
67	Cytocompatibility of Caffeic Acidâ€Silica Hybrid Materials on NIHâ€3T3 Fibroblast Cells. Macromolecular Symposia, 2021, 395, 2000205.	0.4	0
68	Editorial to the Special Issue â€œFood Bioactives: Chemical Challenges and Bio-Opportunitiesâ€• Molecules, 2021, 26, 2517.	1.7	0
69	Raman micro-spectroscopy investigation on the effects of x-rays and polyphenols in human neuroblastoma cells. , 2019, , .		0