

Sonia Piacente

List of Publications by Year in descending order

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80
papers

1,905
citations

186265

28
h-index

315739

38
g-index

80
all docs

80
docs citations

80
times ranked

2442
citing authors

#	ARTICLE	IF	CITATIONS
1	Salviolone from <i>Salvia miltiorrhiza</i> Roots Impairs Cell Cycle Progression, Colony Formation, and Metalloproteinase-2 Activity in A375 Melanoma Cells: Involvement of P21(Cip1/Waf1) Expression and STAT3 Phosphorylation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1121.	4.1	6
2	Mangostanin, a Xanthone Derived from <i>Garcinia mangostana</i> Fruit, Exerts Protective and Reparative Effects on Oxidative Damage in Human Keratinocytes. <i>Pharmaceuticals</i> , 2022, 15, 84.	3.8	14
3	<i>Corylus avellana</i> : A Source of Diarylheptanoids With \pm -Glucosidase Inhibitory Activity Evaluated by in vitro and in silico Studies. <i>Frontiers in Plant Science</i> , 2022, 13, 805660.	3.6	8
4	HR-LC-ESI-Orbitrap-MS-Based Metabolic Profiling Coupled with Chemometrics for the Discrimination of Different <i>Echinops spinosus</i> Organs and Evaluation of Their Antioxidant Activity. <i>Antioxidants</i> , 2022, 11, 453.	5.1	13
5	<i>Portulaca oleracea</i> , a rich source of polar lipids: Chemical profile by LC-ESI/LTQOrbitrap/MS/MS and in vitro preliminary anti-inflammatory activity. <i>Food Chemistry</i> , 2022, 388, 132968.	8.2	8
6	<i>Garcinia mangostana</i> L. fruits and derived food supplements: Identification and quantitative determination of bioactive xanthones by NMR analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 218, 114835.	2.8	1
7	Metabolite Profiling of "Green" Extracts of <i>Cynara cardunculus</i> subsp. <i>scolymus</i> , Cultivar "Carciofo di Paestum" PGI by 1H NMR and HRMS-Based Metabolomics. <i>Molecules</i> , 2022, 27, 3328.	3.8	8
8	Chemical profiling and biological screening with potential anti-inflammatory activity of <i>Callisia fragrans</i> grown in Egypt. <i>Natural Product Research</i> , 2021, 35, 5521-5524.	1.8	4
9	Giffonins, Antioxidant Diarylheptanoids from <i>Corylus avellana</i> , and Their Ability to Prevent Oxidative Changes in Human Plasma Proteins. <i>Journal of Natural Products</i> , 2021, 84, 646-653.	3.0	8
10	Antioxidant and In Vitro Preliminary Anti-Inflammatory Activity of <i>Castanea sativa</i> (Italian Cultivar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 LC-ESI/LTQOrbitrap/MS/MS. <i>Antioxidants</i> , 2021, 10, 278.	5.1	23
11	Effects of bio-fertilizers on the production of specialized metabolites in <i>Salvia officinalis</i> L. leaves: An analytical approach based on LC-ESI/LTQ-Orbitrap/MS and multivariate data analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 197, 113951.	2.8	7
12	LC-ESI / HRMS analysis of glucosinolates, oxylipins and phenols in Italian rocket salad (<i>Diplotaxis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Food and Agriculture, 2021, 101, 5872-5879.	3.5	5
13	Almond (<i>Prunus dulcis</i> cv. Casteltermini) Skin Confectionery By-Products: New Opportunity for the Development of a Functional Blackberry (<i>Rubus ulmifolius</i> Schott) <i>Jam. Antioxidants</i> , 2021, 10, 1218.	5.1	10
14	Metabolite Profile and In Vitro Beneficial Effects of Black Garlic (<i>Allium sativum</i> L.) Polar Extract. <i>Nutrients</i> , 2021, 13, 2771.	4.1	13
15	LC-ESI/LTQOrbitrap/MS Metabolomic Analysis of Fennel Waste (<i>Foeniculum vulgare</i> Mill.) as a Byproduct Rich in Bioactive Compounds. <i>Foods</i> , 2021, 10, 1893.	4.3	11
16	<i>Pouteria lucuma</i> Pulp and Skin: In Depth Chemical Profile and Evaluation of Antioxidant Activity. <i>Molecules</i> , 2021, 26, 5236.	3.8	5
17	Terpenoid Constituents of <i>Perovskia artemisioides</i> Aerial Parts with Inhibitory Effects on Bacterial Biofilm Growth. <i>Journal of Natural Products</i> , 2021, 84, 26-36.	3.0	9
18	Conversion of Organic Dyes into Pigments: Extraction of Flavonoids from Blackberries (<i>Rubus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.8	10

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19	Metabolite Profiling of <i>Helichrysum italicum</i> Derived Food Supplements by 1H-NMR-Based Metabolomics. <i>Molecules</i> , 2021, 26, 6619.	3.8	13
20	Detection and comparison of phenolic compounds in different extracts of black currant leaves by liquid chromatography coupled with high-resolution ESI-LTQ-Orbitrap MS and high-sensitivity ESI-Qtrap MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 112926.	2.8	18
21	Chestnut shells (Italian cultivar "Marrone di Roccadaspide" (PGI): Antioxidant activity and chemical investigation with in depth LC-HRMS/MSn rationalization of tannins. <i>Food Research International</i> , 2020, 129, 108787.	6.2	30
22	Okra fruit: LC-ESI/LTQOrbitrap/MS/MS ⁿ -based deep insight on polar lipids and specialized metabolites with evaluation of anti-oxidant and anti-hyperglycemic activity. <i>Food and Function</i> , 2020, 11, 7856-7865.	4.6	13
23	Phytochemical investigation of <i>Scabiosa sicula</i> guided by a preliminary HPLC-ESIMS ⁿ profiling. <i>Phytochemistry</i> , 2020, 174, 112350.	2.9	13
24	Natural Products Targeting ER Stress, and the Functional Link to Mitochondria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1905.	4.1	63
25	Cardenolide-rich fraction of <i>Pergularia tomentosa</i> as a novel Antiangiogenic agent mainly targeting endothelial cell migration. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 533-543.	2.0	5
26	LC-ESI-FT-MS ⁿ Metabolite Profiling of <i>Symphytum officinale</i> L. Roots Leads to Isolation of Comfrey ⁿ A, an Unusual Arylnaphthalene Lignan. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4671.	4.1	9
27	Comparative Phytochemical Characterization, Genetic Profile, and Antiproliferative Activity of Polyphenol-Rich Extracts from Pigmented Tubers of Different <i>Solanum tuberosum</i> Varieties. <i>Molecules</i> , 2020, 25, 233.	3.8	29
28	Garcinol and Related Polyisoprenylated Benzophenones as Topoisomerase II Inhibitors: Biochemical and Molecular Modeling Studies. <i>Journal of Natural Products</i> , 2019, 82, 2768-2779.	3.0	20
29	Plant Specialized Metabolites in Hazelnut (<i>Corylus avellana</i>) Kernel and Byproducts: An Update on Chemistry, Biological Activity, and Analytical Aspects. <i>Planta Medica</i> , 2019, 85, 840-855.	1.3	29
30	Cytotoxicity of cucurbitacin E from <i>Citrullus colocynthis</i> against multidrug-resistant cancer cells. <i>Phytomedicine</i> , 2019, 62, 152945.	5.3	42
31	HR-ESI-Orbitrap-MS based metabolite profiling of <i>Prunus dulcis</i> Mill. (Italian cultivars Toritto and Tj ETQq1.1 0.784314 rgB 2.4 13)	2.4	13
32	Polyphenolic profiles in lettuce (<i>Lactuca sativa</i> L.) after CaCl ₂ treatment and cold storage. <i>European Food Research and Technology</i> , 2019, 245, 733-744.	3.3	37
33	First characterization of <i>Pompia intrea</i> candied fruit: The headspace chemical profile, polar extract composition and its biological activities. <i>Food Research International</i> , 2019, 120, 620-630.	6.2	14
34	Amino acid-sesquiterpene lactone conjugates from the aerial parts of <i>Centaurea pungens</i> and evaluation of their antimicrobial activity. <i>FÄ-toterapÄ-Äç</i> , 2019, 133, 51-55.	2.2	15
35	In depth LC-ESIMS ⁿ -guided phytochemical analysis of <i>Ziziphus jujuba</i> Mill. leaves. <i>Phytochemistry</i> , 2019, 159, 148-158.	2.9	21
36	Antiproliferative Cardenolides from the Aerial Parts of <i>Pergularia tomentosa</i> . <i>Journal of Natural Products</i> , 2019, 82, 74-79.	3.0	11

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37	Chemical constituents of <i>Silene montbretiana</i> . <i>Natural Product Research</i> , 2019, 33, 335-339.	1.8	9
38	Metabolomics of Healthy Berry Fruits. <i>Current Medicinal Chemistry</i> , 2019, 25, 4888-4902.	2.4	8
39	In depth chemical investigation of <i>Glycyrrhiza triphylla</i> Fisch roots guided by a preliminary HPLC-ESIMS n profiling. <i>Food Chemistry</i> , 2018, 248, 128-136.	8.2	23
40	Phenolics from <i>Castanea sativa</i> leaves and their effects on UVB-induced damage. <i>Natural Product Research</i> , 2018, 32, 1170-1175.	1.8	15
41	Combination of LC-MS based metabolomics and antioxidant activity for evaluation of bioactive compounds in <i>Fragaria vesca</i> leaves from Italy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 233-240.	2.8	35
42	Steroids from <i>Helleborus caucasicus</i> reduce cancer cell viability inducing apoptosis and GRP78 down-regulation. <i>Chemico-Biological Interactions</i> , 2018, 279, 43-50.	4.0	19
43	LC-ESI/LTQOrbitrap/MS/MSn Analysis Reveals Diarylheptanoids and Flavonol O-glycosides in Fresh and Roasted Hazelnut (<i>Corylus avellana</i> cultivar "Tonda di Giffoni"). <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	5
44	Metabolomics and antioxidant activity of the leaves of <i>Prunus dulcis</i> Mill. (Italian cvs. Toritto and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.8	17
45	Metabolite profiling of "green" extracts of <i>Corylus avellana</i> leaves by 1H NMR spectroscopy and multivariate statistical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 168-178.	2.8	34
46	Multi-class polar lipid profiling in fresh and roasted hazelnut (<i>Corylus avellana</i> cultivar "Tonda di Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	8.2	34
47	Isolation of antioxidant phenolics from <i>Schinopsis brasiliensis</i> based on a preliminary LC-MS profiling. <i>Phytochemistry</i> , 2017, 140, 45-51.	2.9	24
48	Cyclic Diarylheptanoids from <i>Corylus avellana</i> Green Leafy Covers: Determination of Their Absolute Configurations and Evaluation of Their Antioxidant and Antimicrobial Activities. <i>Journal of Natural Products</i> , 2017, 80, 1703-1713.	3.0	52
49	LC-MS profiling highlights hazelnut (Nocciola di Giffoni PGI) shells as a byproduct rich in antioxidant phenolics. <i>Food Research International</i> , 2017, 101, 180-187.	6.2	39
50	Quali-quantitative analysis of the phenolic fraction of the flowers of <i>Corylus avellana</i> , source of the Italian PGI product "Nocciola di Giffoni". Isolation of antioxidant diarylheptanoids. <i>Phytochemistry</i> , 2016, 130, 273-281.	2.9	29
51	Highly Polar Triterpenoid Saponins from the Roots of <i>Saponaria officinalis</i> L. <i>Helvetica Chimica Acta</i> , 2016, 99, 347-354.	1.6	8
52	Cycloartane and oleanane-type glycosides from <i>Astragalus pennatulus</i> . <i>F"toterap"t</i> , 2016, 109, 254-260.	2.2	9
53	Determination of volatile organic compounds in the dried leaves of <i>Salvia</i> species by solid-phase microextraction coupled to gas chromatography mass spectrometry. <i>Natural Product Research</i> , 2016, 30, 841-848.	1.8	13
54	Prenylated polyphenolic compounds from <i>Glycyrrhiza iconica</i> and their antimicrobial and antioxidant activities. <i>F"toterap"t</i> , 2015, 103, 289-293.	2.2	30

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55	Quali-quantitative determination of triterpenic acids of <i>Ziziphus jujuba</i> fruits and evaluation of their capability to interfere in macrophages activation inhibiting NO release and iNOS expression. <i>Food Research International</i> , 2015, 77, 109-117.	6.2	31
56	New triterpene saponins from <i>Phryna ortegioides</i> . <i>Phytochemistry Letters</i> , 2015, 14, 39-44.	1.2	11
57	Giffonins, Highly Hydroxylated Cyclized Diarylheptanoids from the Leaves of <i>Corylus avellana</i> Cultivar "Tonda di Giffoni". <i>Journal of Natural Products</i> , 2015, 78, 2975-2982.	3.0	36
58	Can Small Chemical Modifications of Natural Pan-inhibitors Modulate the Biological Selectivity? The Case of Curcumin Prenylated Derivatives Acting as HDAC or mPGES-1 Inhibitors. <i>Journal of Natural Products</i> , 2015, 78, 2867-2879.	3.0	29
59	Giffonins, Antioxidant Cyclized Diarylheptanoids from the Leaves of the Hazelnut Tree (<i>Corylus</i>). <i>Journal of Natural Products</i> , 2015, 78, 17-25.	3.0	34
60	Steroidal Glycosides with Antiproliferative Activities from <i>Digitalis trojana</i> . <i>Phytotherapy Research</i> , 2014, 28, 534-538.	5.8	25
61	A new acetophenone derivative from flowers of <i>Helichrysum italicum</i> (Roth) Don ssp. <i>italicum</i> . <i>Phytochemistry</i> , 2014, 99, 198-203.	2.2	18
62	Direct Interaction of Garcinol and Related Polyisoprenylated Benzophenones of <i>Garcinia cambogia</i> Fruits with the Transcription Factor STAT-1 as a Likely Mechanism of Their Inhibitory Effect on Cytokine Signaling Pathways. <i>Journal of Natural Products</i> , 2014, 77, 543-549.	3.0	36
63	Identification and quantitative determination of the polar constituents in <i>Helichrysum italicum</i> flowers and derived food supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 249-255.	2.8	42
64	Isolation, Chemical and Free Radical Scavenging Characterization of Phenolics from <i>Trifolium scabrum</i> L. Aerial Parts. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4417-4423.	5.2	26
65	Flavanocoumarins from <i>Guazuma ulmifolia</i> bark and evaluation of their affinity for STAT1. <i>Phytochemistry</i> , 2013, 86, 64-71.	2.9	11
66	Triterpene Glycosides from <i>Astragalus angustifolius</i> . <i>Planta Medica</i> , 2012, 78, 720-729.	1.3	28
67	HPLC-ESIMS Profiling, Isolation, Structural Elucidation, and Evaluation of the Antioxidant Potential of Phenolics from <i>Paepalanthus geniculatus</i> . <i>Journal of Natural Products</i> , 2012, 75, 547-556.	3.0	36
68	Iridoid, phenylethanoid and flavonoid glycosides from <i>Sideritis trojana</i> . <i>Phytochemistry</i> , 2012, 83, 130-136.	2.2	52
69	Qualitative on-line profiling of ceramides and cerebrosides by high performance liquid chromatography coupled with electrospray ionization ion trap tandem mass spectrometry: The case of <i>Dracontium lorentense</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 23-30.	2.8	19
70	Polyisoprenylated benzophenone derivatives from the fruits of <i>Garcinia cambogia</i> and their absolute configuration by quantum chemical circular dichroism calculations. <i>Tetrahedron</i> , 2010, 66, 139-145.	1.9	47
71	Effects of garcinol and guttiferone K isolated from <i>Garcinia cambogia</i> on oxidative/nitrative modifications in blood platelets and plasma. <i>Platelets</i> , 2009, 20, 487-492.	2.3	52
72	Cardenolides from <i>Pergularia tomentosa</i> Display Cytotoxic Activity Resulting from Their Potent Inhibition of Na ⁺ /K ⁺ -ATPase. <i>Journal of Natural Products</i> , 2009, 72, 1087-1091.	3.0	43

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73	Phenylethyl Glycosides from <i>Globularia alypum</i> Growing in Turkey. <i>Helvetica Chimica Acta</i> , 2008, 91, 1525-1532.	1.6	14
74	Polyisoprenylated Benzophenones and an Unusual Polyisoprenylated Tetracyclic Xanthone from the Fruits of <i>Garcinia cambogia</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 5205-5210.	5.2	57
75	Flavonoids in Horse Chestnut (<i>Aesculus hippocastanum</i>) Seeds and Powdered Waste Water Byproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8485-8490.	5.2	71
76	Gloriosols A and B, two novel phenolics from <i>Yucca gloriosa</i> : structural characterization and configurational assignment by a combined NMR-quantum mechanical strategy. <i>Tetrahedron</i> , 2007, 63, 148-154.	1.9	55
77	Cardenolide Glycosides from <i>Pergularia tomentosa</i> and Their Proapoptotic Activity in Kaposi's Sarcoma Cells. <i>Journal of Natural Products</i> , 2006, 69, 1319-1322.	3.0	49
78	Relative effects of phenolic constituents from <i>Yucca schidigera</i> Roetzl. bark on Kaposi's sarcoma cell proliferation, migration, and PAF synthesis. <i>Biochemical Pharmacology</i> , 2006, 71, 1479-1487.	4.4	49
79	Stemmosides C and D, two novel unusual pregnane glycosides from <i>Solenostemma argel</i> : structural elucidation and configurational study by a combined NMR-quantum mechanical strategy. <i>Tetrahedron</i> , 2004, 60, 12201-12209.	1.9	38
80	Cytotoxic Constituents of Roots of <i>Chaerophyllum hirsutum</i> . <i>Journal of Natural Products</i> , 2004, 67, 1588-1590.	3.0	35