

Stefania Garzoli

List of Publications by Year in descending order

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84
papers

1,454
citations

304743

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h-index

434195

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85
all docs

85
docs citations

85
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro inhibition of herpes simplex virus type 1 replication by <i>Mentha suaveolens</i> essential oil and its main component piperitenone oxide. <i>Phytomedicine</i> , 2014, 21, 857-865.	5.3	63
2	High Potency of <i>Melaleuca alternifolia</i> Essential Oil against Multi-Drug Resistant Gram-Negative Bacteria and Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Molecules</i> , 2018, 23, 2584.	3.8	62
3	Antimicrobial and Antibiofilm Activity and Machine Learning Classification Analysis of Essential Oils from Different Mediterranean Plants against <i>Pseudomonas aeruginosa</i> . <i>Molecules</i> , 2018, 23, 482.	3.8	62
4	Essential oils extraction: a 24-hour steam distillation systematic methodology. <i>Natural Product Research</i> , 2017, 31, 2387-2396.	1.8	56
5	<i>Lavandula x intermedia</i> essential oil and hydrolate: Evaluation of chemical composition and antibacterial activity before and after formulation in nanoemulsion. <i>Industrial Crops and Products</i> , 2020, 145, 112068.	5.2	53
6	Effects of <i>Mentha suaveolens</i> Essential Oil Alone or in Combination with Other Drugs in <i>Candida albicans</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	1.2	41
7	Machine Learning Analyses on Data including Essential Oil Chemical Composition and In Vitro Experimental Antibiofilm Activities against <i>Staphylococcus</i> Species. <i>Molecules</i> , 2019, 24, 890.	3.8	41
8	Essential oil extraction, chemical analysis and anti- <i>Candida</i> activity of <i>Foeniculum vulgare</i> Miller – new approaches. <i>Natural Product Research</i> , 2018, 32, 1254-1259.	1.8	34
9	Multidisciplinary Approach to Determine the Optimal Time and Period for Extracting the Essential Oil from <i>Mentha suaveolens</i> Ehrh. <i>Molecules</i> , 2015, 20, 9640-9655.	3.8	33
10	SPC Liposomes as Possible Delivery Systems for Improving Bioavailability of the Natural Sesquiterpene β -Caryophyllene: Lamellarity and Drug-Loading as Key Features for a Rational Drug Delivery Design. <i>Pharmaceutics</i> , 2018, 10, 274.	4.5	32
11	Antimicrobial Essential Oil Formulation: Chitosan Coated Nanoemulsions for Nose to Brain Delivery. <i>Pharmaceutics</i> , 2020, 12, 678.	4.5	32
12	<i>Laurus nobilis</i> , <i>Salvia sclarea</i> and <i>Salvia officinalis</i> Essential Oils and Hydrolates: Evaluation of Liquid and Vapor Phase Chemical Composition and Biological Activities. <i>Plants</i> , 2021, 10, 707.	3.5	31
13	Headspace/GC-MS Analysis and Investigation of Antibacterial, Antioxidant and Cytotoxic Activity of Essential Oils and Hydrolates from <i>Rosmarinus officinalis</i> L. and <i>Lavandula angustifolia</i> Miller. <i>Foods</i> , 2021, 10, 1768.	4.3	31
14	Essential Oil Extraction, Chemical Analysis and Anti- <i>Candida</i> Activity of <i>Calamintha nepeta</i> (L.) Savi subsp. <i>glandulosa</i> (Req.) Ball – New Approaches. <i>Molecules</i> , 2017, 22, 203.	3.8	30
15	Liquid and Vapour Phase of Lavandin (<i>Lavandula</i> – <i>intermedia</i>) Essential Oil: Chemical Composition and Antimicrobial Activity. <i>Molecules</i> , 2019, 24, 2701.	3.8	30
16	Essential oils against bacterial isolates from cystic fibrosis patients by means of antimicrobial and unsupervised machine learning approaches. <i>Scientific Reports</i> , 2020, 10, 2653.	3.3	30
17	Chemical composition and antimicrobial activity of essential oil of <i>Helichrysum italicum</i> (Roth) G. Don fil. (Asteraceae) from Montenegro. <i>Natural Product Research</i> , 2020, 34, 445-448.	1.8	27
18	Liquid and Vapor Phase of Four Conifer-Derived Essential Oils: Comparison of Chemical Compositions and Antimicrobial and Antioxidant Properties. <i>Pharmaceutics</i> , 2021, 14, 134.	3.8	27

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19	Gellan gum and polyethylene glycol dimethacrylate double network hydrogels with improved mechanical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	25
20	Antitumor effect of <i>Melaleuca alternifolia</i> essential oil and its main component terpinen-4-ol in combination with target therapy in melanoma models. <i>Cell Death Discovery</i> , 2021, 7, 127.	4.7	24
21	Chemically Modified Multiwalled Carbon Nanotubes Electrodes with Ferrocene Derivatives through Reactive Landing. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4863-4871.	3.1	23
22	Chemical and Antimicrobial Analyses of <i>Sideritis romana</i> L. subsp. <i>purpurea</i> (Tal. ex Benth.) Heywood, an Endemic of the Western Balkan. <i>Molecules</i> , 2017, 22, 1395.	3.8	22
23	Phytocomplex Characterization and Biological Evaluation of Powdered Fruits and Leaves from <i>Elaeagnus angustifolia</i> . <i>Molecules</i> , 2020, 25, 2021.	3.8	22
24	Vanadium Hydroxide Cluster Ions in the Gas Phase: Bond-Forming Reactions of Doubly-Charged Negative Ions by SO_2 -Promoted V^{O} Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 11752-11756.	3.3	21
25	Spilanthol-rich essential oil obtained by microwave-assisted extraction from <i>Acmella oleracea</i> (L.) R.K. Jansen and its nanoemulsion: Insecticidal, cytotoxic and anti-inflammatory activities. <i>Industrial Crops and Products</i> , 2021, 172, 114027.	5.2	20
26	From ascorbic acid to furan derivatives: the gas phase acid catalyzed degradation of vitamin C. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 17132-17140.	2.8	19
27	Essential Oils and Their Main Chemical Components: The Past 20 Years of Preclinical Studies in Melanoma. <i>Cancers</i> , 2020, 12, 2650.	3.7	19
28	Antiarthritic Effects of a Root Extract from <i>Harpagophytum procumbens</i> DC: Novel Insights into the Molecular Mechanisms and Possible Bioactive Phytochemicals. <i>Nutrients</i> , 2020, 12, 2545.	4.1	19
29	Experimental Data Based Machine Learning Classification Models with Predictive Ability to Select in Vitro Active Antiviral and Non-Toxic Essential Oils. <i>Molecules</i> , 2020, 25, 2452.	3.8	19
30	A mass spectrometric study of the acid-catalysed d-fructose dehydration in the gas phase. <i>Carbohydrate Research</i> , 2015, 413, 145-150.	2.3	18
31	Investigation of <i>Commiphora myrrha</i> (Nees) Engl. Oil and Its Main Components for Antiviral Activity. <i>Pharmaceuticals</i> , 2021, 14, 243.	3.8	18
32	Properties and limits of some essential oils: chemical characterisation, antimicrobial activity, interaction with antibiotics and cytotoxicity. <i>Natural Product Research</i> , 2016, 30, 1909-1918.	1.8	17
33	<i>Melissa officinalis</i> L. subsp. <i>altissima</i> (Sibth. & Sm.) Arcang. essential oil: Chemical composition and preliminary antimicrobial investigation of samples obtained at different harvesting periods and by fractionated extractions. <i>Industrial Crops and Products</i> , 2018, 117, 317-321.	5.2	17
34	Essential Oils Biofilm Modulation Activity, Chemical and Machine Learning Analysis Application on <i>Staphylococcus aureus</i> Isolates from Cystic Fibrosis Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9258.	4.1	17
35	Effects of Processing on Polyphenolic and Volatile Composition and Fruit Quality of Clery Strawberries. <i>Antioxidants</i> , 2020, 9, 632.	5.1	16
36	Effect of gaseous ozone treatment on the aroma and clove rot by <i>Fusarium proliferatum</i> during garlic postharvest storage. <i>Heliyon</i> , 2021, 7, e06634.	3.2	16

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37	Effect of malting on nutritional and antioxidant properties of the seeds of two industrial hemp (<i>Cannabis sativa</i> L.) cultivars. <i>Food Chemistry</i> , 2022, 370, 131348.	8.2	16
38	Chemical Investigation and Screening of Anti-Proliferative Activity on Human Cell Lines of Pure and Nano-Formulated Lavandin Essential Oil. <i>Pharmaceuticals</i> , 2020, 13, 352.	3.8	15
39	Apoptotic Effects on HL60 Human Leukaemia Cells Induced by Lavandin Essential Oil Treatment. <i>Molecules</i> , 2020, 25, 538.	3.8	15
40	A Comparative Study of the Chemical Composition by SPME-GC/MS and Antiradical Activity of Less Common Citrus Species. <i>Molecules</i> , 2021, 26, 5378.	3.8	15
41	From Hops to Craft Beers: Production Process, VOCs Profile Characterization, Total Polyphenol and Flavonoid Content Determination and Antioxidant Activity Evaluation. <i>Processes</i> , 2022, 10, 517.	2.8	14
42	Chemical Profiling and Characterization of Different Cultivars of <i>Cannabis sativa</i> L. Inflorescences by SPME-GC-MS and UPLC-MS. <i>Separations</i> , 2022, 9, 90.	2.4	14
43	Acid-catalysed glucose dehydration in the gas phase: a mass spectrometric approach. <i>Journal of Mass Spectrometry</i> , 2015, 50, 228-234.	1.6	13
44	Chemical Investigation of a Biologically Active <i>Schinus molle</i> L. Leaf Extract. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-6.	1.6	13
45	A Comprehensive Phytochemical Analysis of Terpenes, Polyphenols and Cannabinoids, and Micromorphological Characterization of 9 Commercial Varieties of <i>Cannabis sativa</i> L.. <i>Plants</i> , 2022, 11, 891.	3.5	13
46	In-Vitro Evaluation of Different Antimicrobial Combinations with and without Colistin Against Carbapenem-Resistant <i>Acinetobacter Baumannii</i> . <i>Molecules</i> , 2019, 24, 886.	3.8	12
47	Potent In Vitro Activity of <i>Citrus aurantium</i> Essential Oil and <i>Vitis vinifera</i> Hydrolate Against Gut Yeast Isolates from Irritable Bowel Syndrome Patientsâ€”The Right Mix for Potential Therapeutic Use. <i>Nutrients</i> , 2020, 12, 1329.	4.1	12
48	The Mechanism of 2-Furaldehyde Formation from <i>D</i> -Xylose Dehydration in the Gas Phase. A Tandem Mass Spectrometric Study. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1082-1089.	2.8	11
49	Antibacterial activity of essential oils mixture against PSA. <i>Natural Product Research</i> , 2016, 30, 412-418.	1.8	11
50	Antimicrobial Testing of <i>Schinus molle</i> (L.) Leaf Extracts and Fractions Followed by GC-MS Investigation of Biological Active Fractions. <i>Molecules</i> , 2020, 25, 1977.	3.8	11
51	Essential Oils Biofilm Modulation Activity and Machine Learning Analysis on <i>Pseudomonas aeruginosa</i> Isolates from Cystic Fibrosis Patients. <i>Microorganisms</i> , 2022, 10, 887.	3.6	11
52	Base-Assisted Conversion of Protonated <i>D</i> -Fructose to 5-HMF: Searching for Gas-Phase Green Models. <i>ChemistryOpen</i> , 2019, 8, 1190-1198.	1.9	10
53	Effective redox reactions by chromium oxide anions: Sulfur dioxide oxidation in the gas phase. <i>International Journal of Mass Spectrometry</i> , 2019, 436, 18-22.	1.5	10
54	Bioactivity and Chemical Profile of <i>Rubus idaeus</i> L. Leaves Steam-Distillation Extract. <i>Foods</i> , 2022, 11, 1455.	4.3	10

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55	<i>Sideritis romana</i> L. subsp. <i>purpurea</i> (Tal. ex Benth.) Heywood, a new chemotype from Montenegro. Natural Product Research, 2018, 32, 1056-1061.	1.8	9
56	Chemical investigations of male and female leaf extracts from<i>Schinus molle</i>L.. Natural Product Research, 2019, 33, 1980-1983.	1.8	9
57	Low-energy collisionally activated dissociation of pentoseâ€borate complexes. International Journal of Mass Spectrometry, 2010, 289, 76-83.	1.5	8
58	Ironâ€Promoted CÎ¿C Bond Formation in the Gas Phase. Angewandte Chemie - International Edition, 2015, 54, 14359-14362.	13.8	8
59	GC-MS investigation and antiproliferative activities of extracts from male and female flowers of Schinus molle L.. Natural Product Research, 2021, 35, 1923-1927.	1.8	8
60	Harpagophytum procumbens Root Extract Mediates Anti-Inflammatory Effects in Osteoarthritis Synoviocytes through CB2 Activation. Pharmaceuticals, 2022, 15, 457.	3.8	8
61	Gas-phase ion chemistry of BF ₃ /CH ₄ mixtures: Activation of methane by Si^+ display= inline overflow= scroll xmlns:xocs= http://www.elsevier.com/xml/xocs/dtd xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tbl="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" type="text/html"/>	2.6	7
62	Sulphur dioxide cooperation in hydrolysis reactions of vanadium oxide and hydroxide cluster dianions. New Journal of Chemistry, 2018, 42, 4008-4016.	2.8	7
63	Valorization of Kiwi Peels: Fractionation, Bioactives Analyses and Hypotheses on Complete Peels Recycle. Foods, 2022, 11, 589.	4.3	7
64	H ₂ O ₂ ⁺ ions in ionized O ₂ /CH ₄ mixtures: Intermediacy of CH ₃ OOH ⁺ and CH ₂ O ⁺ . Chemical Physics Letters, 2007, 435, 219-223.	2.6	6
65	Composition of the Essential Oil of Coristospermum cuneifolium and Antimicrobial Activity Evaluation. Planta Medica International Open, 2017, 4, e74-e81.	0.5	6
66	Chemical Composition and Biological Activities of Tunisian Ziziphus lotus Extracts: Evaluation of Drying Effect, Solvent Extraction, and Extracted Plant Parts. Plants, 2021, 10, 2651.	3.5	6
67	GC-MS and SPME-GC/MS Analysis and Bioactive Potential Evaluation of Essential Oils from Two Viola Species Belonging to the V. calcarata Complex. Separations, 2022, 9, 39.	2.4	6
68	Foeniculum vulgare Miller, a New Chemotype from Montenegro. Plants, 2022, 11, 42.	3.5	6
69	Gas-Phase Ion Chemistry of BF ₃ /NH ₃ Mixtures. Journal of Physical Chemistry A, 2006, 110, 12427-12433.	2.5	5
70	Gasâ€phase basicity of 2â€furaldehyde. Journal of Mass Spectrometry, 2012, 47, 1488-1494.	1.6	5
71	Antiproliferative Properties of Papaver rhoeas Ovule Extracts and Derived Fractions Tested on HL60 Leukemia Human Cells. Molecules, 2020, 25, 1850.	3.8	5
72	Anti-Mold Effectiveness of a Green Emulsion Based on Citrus aurantium Hydrolate and Cinnamomum zeylanicum Essential Oil for the Modern Paintings Restoration. Microorganisms, 2022, 10, 205.	3.6	5

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73	Detection of Volatiles by HS-SPME-GC/MS and Biological Effect Evaluation of Buddha's Hand Fruit. <i>Molecules</i> , 2022, 27, 1666.	3.8	5
74	Chemical Investigation and Dose-Response Phytotoxic Effect of Essential Oils from Two Gymnosperm Species (<i>Juniperus communis</i> var. <i>saxatilis</i> Pall. and <i>Larix decidua</i> Mill.). <i>Plants</i> , 2022, 11, 1510.	3.5	5
75	Ultrastructural Damages to H1N1 Influenza Virus Caused by Vapor Essential Oils. <i>Molecules</i> , 2022, 27, 3718.	3.8	5
76	All the 2p-block elements in a molecule: experimental and theoretical studies of FBNCO and FBNCO+. <i>Chemical Communications</i> , 2014, 50, 13900-13903.	4.1	4
77	Vitamin C: an experimental and theoretical study on the gas-phase structure and ion energetics of protonated ascorbic acid. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1146-1151.	1.6	4
78	Variation in essential oil content and composition of <i>Ridolfia segetum</i> Moris based on 30-hour prolonged fractionated extraction procedure. <i>Natural Product Research</i> , 2020, 34, 1923-1926.	1.8	4
79	Phytocomplex Influences Antimicrobial and Health Properties of Concentrated Glycerine Macerates. <i>Antibiotics</i> , 2020, 9, 858.	3.7	4
80	Il Silenzio: The First Renaissance Oil Painting on Canvas from the Uffizi Museum Restored with a Safe, Green Antimicrobial Emulsion Based on <i>Citrus aurantium</i> var. <i>amara</i> Hydrolate and <i>Cinnamomum zeylanicum</i> Essential Oil. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 140.	3.5	3
81	Unraveling the Antimicrobial Effectiveness of <i>Coridothymus capitatus</i> Hydrolate against <i>Listeria monocytogenes</i> in Environmental Conditions Encountered in Foods: An In Vitro Study. <i>Microorganisms</i> , 2022, 10, 920.	3.6	3
82	Chemical characterization by GC/MS analysis of <i>Lactuca tatarica</i> (L.) C.A.Mey. aerial parts and seeds. <i>Natural Product Research</i> , 2021, , 1-5.	1.8	2
83	<i>Solanum linnaeanum</i> Leaves: Chemical Profiling of VOCs and Effects on Seed Germination and Early Growth of Monocots and Dicots. <i>Chemistry and Biodiversity</i> , 2022, 19, e202100975.	2.1	1
84	Chemical volatile composition and phytotoxic potential of <i>Daphne gnidium</i> L. leaves. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 25, 100607.	3.3	0