

# Silvia Porcedda

## List of Publications by Year in descending order

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citations

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30  
h-index

243296

44  
g-index

139  
all docs

139  
docs citations

139  
times ranked

3336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical composition and in vitro bioactivity of the volatile and fixed oils of <i>Nigella sativa</i> L. extracted by supercritical carbon dioxide. <i>Industrial Crops and Products</i> , 2013, 46, 317-323.	2.5	108
2	Chemical Composition of the Essential Oil and Supercritical CO <sub>2</sub> Extract of <i>Commiphora myrrha</i> (Nees) Engl. and of <i>Acorus calamus</i> L.. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7939-7943.	2.4	99
3	Supercritical CO <sub>2</sub> Extract of <i>Cinnamomum zeylanicum</i> : Chemical Characterization and Antityrosinase Activity. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10022-10027.	2.4	97
4	Supercritical Carbon Dioxide Extraction and Characterization of <i>Laurus nobilis</i> Essential Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 1492-1496.	2.4	92
5	Chemical characterization and biological activity of essential oils from <i>Daucus carota</i> L. subsp. <i>carota</i> growing wild on the Mediterranean coast and on the Atlantic coast. <i>FÄ-toterapÄ-Äç</i> , 2009, 80, 57-61.	1.1	88
6	Thermodynamics of binary mixtures containing linear or cyclic alkanones + n-alkanes or + cycloalkanes. <i>Fluid Phase Equilibria</i> , 1991, 63, 231-257.	1.4	70
7	Comparative Analysis of the Oil and Supercritical CO <sub>2</sub> Extract of <i>Elettaria cardamomum</i> (L.) Maton. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 6278-6282.	2.4	68
8	Evaluation of the Antimicrobial Properties of the Essential Oil of <i>Myrtus communis</i> L. against Clinical Strains of <i>Mycobacterium</i> spp. Interdisciplinary Perspectives on Infectious Diseases, 2010, 2010, 1-3.	0.6	59
9	Microalgae from domestic wastewater facility's high rate algal pond: Lipids extraction, characterization and biodiesel production. <i>Bioresource Technology</i> , 2016, 206, 239-244.	4.8	59
10	Extraction and Separation of Volatile and Fixed Oils from Seeds of <i>Myristica fragrans</i> by Supercritical CO <sub>2</sub> : Chemical Composition and Cytotoxic Activity on Caco-2 Cancer Cells. <i>Journal of Food Science</i> , 2012, 77, C448-53.	1.5	58
11	Isolation of eucalyptus oil by supercritical fluid extraction. <i>Flavour and Fragrance Journal</i> , 1999, 14, 214-218.	1.2	56
12	Chemical and biological comparisons on supercritical extracts of <i>Tanacetum cinerariifolium</i> (Trevir) Sch. Bip. with three related species of chrysanthemums of Sardinia (Italy). <i>Natural Product Research</i> , 2009, 23, 190-199.	1.0	54
13	Extraction of Oil from Wheat Germ by Supercritical CO <sub>2</sub> . <i>Molecules</i> , 2009, 14, 2573-2581.	1.7	50
14	Antioxidant activity of supercritical extract of <i>Melissa officinalis</i> subsp. <i>officinalis</i> and <i>Melissa officinalis</i> subsp. <i>inodora</i> . <i>Phytotherapy Research</i> , 2004, 18, 789-792.	2.8	49
15	The effect of the molecular shape on the enthalpic behaviour of liquid mixtures: cyclic hydrocarbons in heptane and tetrachloromethane. <i>Fluid Phase Equilibria</i> , 1995, 108, 167-183.	1.4	44
16	Chemical Composition and Antifungal Activity of Essential Oils and Supercritical CO <sub>2</sub> Extracts of <i>Apium nodiflorum</i> (L.) Lag.. <i>Mycopathologia</i> , 2012, 174, 61-67.	1.3	44
17	Extraction and isolation of <i>Pistacia lentiscus</i> L. essential oil by supercritical CO <sub>2</sub> . <i>Flavour and Fragrance Journal</i> , 2002, 17, 239-244.	1.2	43
18	Extraction of <i>Juniperus oxycedrus</i> ssp. <i>oxycedrus</i> essential oil by supercritical carbon dioxide: influence of some process parameters and biological activity. <i>Flavour and Fragrance Journal</i> , 2003, 18, 390-397.	1.2	43

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19	Ocimum tenuiflorum L. and Ocimum basilicum L., two spices of Lamiaceae family with bioactive essential oils. Industrial Crops and Products, 2018, 113, 89-97.	2.5	43
20	Extraction of Santolina insularis essential oil by supercritical carbon dioxide: influence of some process parameters and biological activity. Flavour and Fragrance Journal, 2001, 16, 35-43.	1.2	42
21	Extraction, separation and isolation of essential oils from natural matrices by supercritical CO <sub>2</sub> . Flavour and Fragrance Journal, 2003, 18, 505-509.	1.2	42
22	Antimicrobial activity of Inula helenium L. essential oil against Gram-positive and Gram-negative bacteria and Candida spp.. International Journal of Antimicrobial Agents, 2008, 31, 588-590.	1.1	42
23	Imazalilâ€cyclomaltoheptaose (Î <sup>2</sup> -cyclodextrin) inclusion complex: preparation by supercritical carbon dioxide and <sup>13</sup> C CPMAS and <sup>1</sup> H NMR characterization. Carbohydrate Research, 2003, 338, 2227-2232.	1.1	38
24	Antifungal activity of essential oil from <i>Mentha spicata</i> L. and <i>Mentha pulegium</i> L. growing wild in Sardinia island (Italy). Natural Product Research, 2021, 35, 993-999.	1.0	38
25	Thermodynamic properties of n-alkylbenzene+n-alkane or cyclohexane mixtures. Comparison with disquac predictions. Thermochimica Acta, 1998, 311, 1-19.	1.2	37
26	Chemical composition and biological assays of essential oils of <i>Calamintha nepeta</i> (L.) Savi subsp. <i>nepeta</i> (Lamiaceae). Natural Product Research, 2010, 24, 1734-1742.	1.0	36
27	Chemical composition and effect on intestinal Caco-2 cell viability and lipid profile of fixed oil from <i>Cynomorium coccineum</i> L.. Food and Chemical Toxicology, 2012, 50, 3799-3807.	1.8	33
28	Extraction of <i>Juniperus communis</i> L. ssp. <i>nana</i> Willd. essential oil by supercritical carbon dioxide. Flavour and Fragrance Journal, 2006, 21, 148-154.	1.2	31
29	Extraction of <i>Santalum album</i> and <i>Boswellia carterii</i> Birdw. volatile oil by supercritical carbon dioxide: influence of some process parameters. Flavour and Fragrance Journal, 2006, 21, 718-724.	1.2	31
30	Supercritical CO <sub>2</sub> Extraction of Waste Citrus Seeds: Chemical Composition, Nutritional and Biological Properties of Edible Fixed Oils. European Journal of Lipid Science and Technology, 2019, 121, 1800502.	1.0	31
31	Comparative analysis of the oil and supercritical CO <sub>2</sub> extract of <i>Cymbopogon citratus</i> Stapf.. Natural Product Research, 2006, 20, 455-459.	1.0	30
32	Excess enthalpy and excess volume for binary systems of two ionic liquids + water. Journal of Thermal Analysis and Calorimetry, 2011, 103, 29-33.	2.0	30
33	Isolation of the volatile fraction from <i>Apium graveolens</i> L. (Apiaceae) by supercritical carbon dioxide extraction and hydrodistillation: Chemical composition and antifungal activity. Natural Product Research, 2013, 27, 1521-1527.	1.0	30
34	The structural organization of N-methyl-2-pyrrolidone + water mixtures: A densitometry, x-ray diffraction, and molecular dynamics study. Journal of Chemical Physics, 2014, 140, 124503.	1.2	30
35	Extraction and isolation of <i>Salvia desoleana</i> and <i>Mentha spicata</i> subsp. <i>insularis</i> essential oils by supercritical CO <sub>2</sub> . Flavour and Fragrance Journal, 2001, 16, 384-388.	1.2	28
36	Extraction, Separation and Isolation of Volatiles and Dyes from <i>Calendula officinalis</i> L. and <i>Aloysia triphylla</i> (L'Her.) Britton by Supercritical CO <sub>2</sub> . Journal of Essential Oil Research, 2003, 15, 350-355.	1.3	28

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37	Comparative Analysis of Supercritical CO <sub>2</sub> Extract and Oil of <i>Pimenta dioica</i> Leaves. <i>Journal of Essential Oil Research</i> , 2005, 17, 530-532.	1.3	28
38	Isolation of <i>Crithmum maritimum</i> L. volatile oil by supercritical carbon dioxide extraction and biological assays. <i>Natural Product Research</i> , 2007, 21, 1145-1150.	1.0	28
39	Thermodynamics of binary mixtures containing alkenes. 1. Excess enthalpies of some alkenes and polyenes + n-heptane or cyclohexane mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 1992, 37, 124-126.	1.0	26
40	Supercritical CO <sub>2</sub> extract and essential oil of aerial part of <i>Ledum palustre</i> L. "Chemical composition and anti-inflammatory activity. <i>Natural Product Research</i> , 2015, 29, 999-1005.	1.0	24
41	In vitro antimicrobial, antioxidant and antiviral activities of the essential oil and various extracts of wild ( <i>Daucus virgatus</i> (Poir.) Maire) from Tunisia. <i>Industrial Crops and Products</i> , 2017, 109, 109-115.	2.5	24
42	Thermodynamics of binary mixtures containing alkanenitriles. 1. Excess enthalpies of some n-alkanenitrile + n-alkane or + cyclohexane mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 1990, 35, 172-174.	1.0	23
43	Analysis of the Volatile Concentrate of the Leaves and Flowers of <i>Helichrysum italicum</i> (Roth) Don ssp. <i>microphyllum</i> (Willd.) Nyman (Asteraceae) by Supercritical Fluid Extraction and Their Essential Oils. <i>Journal of Essential Oil Research</i> , 2003, 15, 120-126.	1.3	23
44	Cytotoxic and antiviral activities of the essential oils from Tunisian Fern, <i>Osmunda regalis</i> . <i>South African Journal of Botany</i> , 2018, 118, 52-57.	1.2	22
45	A study of nitrile group interactions in alkane solutions. <i>Thermochimica Acta</i> , 1993, 221, 143-162.	1.2	21
46	Excess enthalpies of aromatic ether or aromatic ketone(1)+n-heptane(2) mixtures DISQUAC analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 137-144.	2.0	21
47	NMR, Calorimetry, and Computational Studies of Aqueous Solutions of <i>N</i> -Methyl-2-pyrrolidone. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10493-10502.	1.2	21
48	Comparative analysis of the oil and supercritical CO <sub>2</sub> extract of <i>Artemisia arborescens</i> L. and <i>Helichrysum splendidum</i> (Thunb.) Less.. <i>Natural Product Research</i> , 2006, 20, 421-428.	1.0	19
49	Comparative analysis of the oil and supercritical CO <sub>2</sub> extract of <i>Ridolfia segetum</i> (L.) Moris. <i>Natural Product Research</i> , 2007, 21, 412-417.	1.0	19
50	Thermo-physical properties of ammonium-based ionic liquid + <i>N</i> -methyl-2-pyrrolidone mixtures at 298.15 K. <i>Fluid Phase Equilibria</i> , 2014, 383, 49-54.	1.4	19
51	A comparative study of thermodynamic properties of binary mixtures containing dimethylsulfoxide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 90, 909-922.	2.0	18
52	Chemical composition and antifungal activity of supercritical extract and essential oil of <i>Tanacetum vulgare</i> growing wild in Lithuania. <i>Natural Product Research</i> , 2014, 28, 1906-1909.	1.0	18
53	Effect of pressure variation on the efficiency of supercritical fluid extraction of wild carrot ( <i>Daucus carota</i> subsp. <i>maritimus</i> ) extracts. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121713.	1.2	18
54	Excess gibbs free energies of mixtures of substances containing nitrogen groups. <i>Thermochimica Acta</i> , 1991, 178, 33-49.	1.2	17

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55	Calorimetric study of nitrile-chloro group interactions. Comparison with DISQUAC predictions. Fluid Phase Equilibria, 1996, 126, 151-162.	1.4	17
56	Chemical composition and antioxidant activity of the essential oil of <i>Juniperus phoenicea</i> L. berries. Natural Product Research, 2011, 25, 1695-1706.	1.0	17
57	Supercritical CO <sub>2</sub> extraction of volatile oils from Sardinian <i>Foeniculum vulgare</i> ssp. <i>vulgare</i> (Apiaceae): chemical composition and biological activity. Natural Product Research, 2014, 28, 1819-1825.	1.0	17
58	Calorimetric study of nitro group interactions in alkane solutions. Comparison with disquac predictions. Fluid Phase Equilibria, 1993, 87, 115-131.	1.4	16
59	Extraction, Separation and Isolation of Volatiles and Dyes from <i>Calendula officinalis</i> L. and <i>Aloysia triphylla</i> (L'Her.) Britton by Supercritical CO <sub>2</sub> . Journal of Essential Oil Research, 2003, 15, 272-277.	1.3	16
60	Comparative Analysis of the Oil and Supercritical CO <sub>2</sub> Extract of <i>Ferula communis</i> L. Journal of Essential Oil Research, 2005, 17, 150-152.	1.3	16
61	Isolation of <i>Seseli bocconi</i> Guss., subsp. <i>praecox</i> Gamisans (Apiaceae) volatile oil by supercritical carbon dioxide extraction. Natural Product Research, 2006, 20, 820-826.	1.0	16
62	Essential oil composition of leaves of <i>Stachys yemenensis</i> obtained by supercritical CO <sub>2</sub> . Natural Product Research, 2010, 24, 1823-1829.	1.0	16
63	Antifungal activity of extracts from <i>Cynomorium coccineum</i> growing wild in Sardinia island (Italy). Natural Product Research, 2015, 29, 2247-2250.	1.0	16
64	Chemical variability in essential oils from <i>Ruta</i> species among seasons, and its taxonomic and ecological significance. Natural Product Research, 2017, 31, 2329-2334.	1.0	16
65	Thermodynamics of binary mixtures containing linear or cyclic alkenes. II. Mixtures with benzene or tetrachloromethane. Fluid Phase Equilibria, 1994, 99, 185-198.	1.4	15
66	Comparison of the antimicrobial activity and the essential oil composition of <i>Juniperus oxycedrus</i> subsp. <i>macrocarpa</i> and <i>J. oxycedrus</i> subsp. <i>rufescens</i> obtained by hydrodistillation and supercritical carbon dioxide extraction methods. Chemistry of Natural Compounds, 2009, 45, 739-741.	0.2	15
67	Chemical Composition and Biological Activity of the Volatile Extracts of <i>Achillea millefolium</i> . Natural Product Communications, 2011, 6, 1934578X1100601.	0.2	15
68	Antifungal activity and chemical composition of essential oils from <i>Smyrniolus olusatrum</i> L. (Apiaceae) from Italy and Portugal. Natural Product Research, 2012, 26, 993-1003.	1.0	15
69	Chemical composition of the essential oils of the berries of <i>Juniperus oxycedrus</i> L. ssp. <i>rufescens</i> (L. K.) and <i>Juniperus oxycedrus</i> L. ssp. <i>macrocarpa</i> (S. & m.) Ball. and their antioxidant activities. Natural Product Research, 2012, 26, 810-820.	1.0	15
70	Chemical composition and biological activity of <i>Tanacetum audibertii</i> (Req.) DC. (Asteraceae), an endemic species of Sardinia Island, Italy. Industrial Crops and Products, 2015, 65, 472-476.	2.5	15
71	Extraction, separation and isolation of volatiles from <i>Vitex agnus-castus</i> L. (Verbenaceae) wild species of Sardinia, Italy, by supercritical CO <sub>2</sub> . Natural Product Research, 2010, 24, 569-579.	1.0	14
72	Essential Oil Constituents and Antioxidant Activity of <i>Asplenium</i> Ferns. Journal of Chromatographic Science, 2016, 54, 1341-1345.	0.7	14

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73	Excess Gibbs free energies and excess volumes of mixtures containing normal alkanes or cyclohexane + thiaalkanes or dithiaalkanes. <i>Journal of Chemical &amp; Engineering Data</i> , 1993, 38, 638-643.	1.0	13
74	Thermodynamics of binary mixtures containing thiaalkanes. Excess enthalpies of thiaalkanes and polythiaalkanes + n-alkanes or cyclohexane. <i>Fluid Phase Equilibria</i> , 1994, 97, 127-146.	1.4	13
75	Antioxidant activity of supercritical carbon dioxide extracts of <i>Salvia desoleana</i> on two human endothelial cell models. <i>Food Research International</i> , 2012, 46, 354-359.	2.9	13
76	Steric and inductive effects in binary mixtures of alkanones with benzene or tetrachloromethane. Comparison with DISQUAC predictions. <i>Fluid Phase Equilibria</i> , 1998, 142, 1-14.	1.4	12
77	Linear alkyl-alkanoates+cyclohexane mixtures. Excess enthalpies measurements and DISQUAC analysis of thermodynamic properties. <i>Fluid Phase Equilibria</i> , 1998, 145, 99-114.	1.4	12
78	Isolation of <i>Juniperus phoenicea</i> Volatiles by Supercritical Carbon Dioxide Extraction and Bioactivity Assays. <i>Journal of Essential Oil Research</i> , 2004, 16, 256-261.	1.3	12
79	Extraction of the volatile oil from <i>Carum carvi</i> of Tunisia and Lithuania by supercritical carbon dioxide: chemical composition and antiulcerogenic activity. <i>Natural Product Research</i> , 2013, 27, 2132-2136.	1.0	12
80	Seasonal and Geographical Variation of <i>Laurus nobilis</i> L. Essential Oil from Tunisia. <i>Open Natural Products Journal</i> , 2010, 2, 86-91.	0.8	12
81	Isolation of <i>Thymus herba-barona</i> Volatiles by Supercritical Fluid Extraction. <i>Journal of Essential Oil Research</i> , 2001, 13, 240-244.	1.3	11
82	Excess enthalpies of chloroalkylbenzene+n-heptane or +cyclohexane mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 37-46.	2.0	11
83	Chemical characterisation and biological activity of leaf essential oils obtained from <i>Pistacia terebinthus</i> growing wild in Tunisia and Sardinia Island. <i>Natural Product Research</i> , 2017, 31, 2684-2689.	1.0	11
84	Excess volumes and gibbs free energies of mixtures containing alkanenitriles. <i>Fluid Phase Equilibria</i> , 1993, 87, 163-175.	1.4	10
85	Thermodynamics of N,N,N-octylpentyl-dimethyl-ammonium chloride in water-urea mixtures. <i>Journal of Solution Chemistry</i> , 1997, 26, 889-911.	0.6	10
86	Antifungal activity and chemical composition of the essential oil from the aerial parts of two new <i>Teucrium capitatum</i> L. chemotypes from Sardinia Island, Italy. <i>Natural Product Research</i> , 2021, 35, 6007-6013.	1.0	10
87	Supercritical extraction of volatile and fixed oils from <i>Petroselinum crispum</i> L. seeds: chemical composition and biological activity. <i>Natural Product Research</i> , 2022, 36, 1883-1888.	1.0	10
88	Isolation of a Volatile Concentrate of Caraway Seed. <i>Journal of Essential Oil Research</i> , 2001, 13, 371-375.	1.3	9
89	Ethylammonium alkanoate-based ionic liquid+water mixtures. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 1129-1137.	2.0	9
90	Isolation of the volatile oil from <i>Satureja thymbra</i> by supercritical carbon dioxide extraction: chemical composition and biological activity. <i>Natural Product Communications</i> , 2011, 6, 1523-6.	0.2	9

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91	Thermodynamic studies on water- $\beta$ -cyclodextrin-surfactant ternary systems. <i>Fluid Phase Equilibria</i> , 1996, 126, 257-272.	1.4	8
92	Excess Enthalpies of 1-Bromobutane + Oxaalkanes at 298.15 K. Comparison with Disquac Predictions. <i>Journal of Chemical &amp; Engineering Data</i> , 1999, 44, 157-160.	1.0	8
93	Thermodynamic study of 1,1,2,2-tetrachloroethane+hydrocarbon mixtures. <i>Fluid Phase Equilibria</i> , 2006, 250, 105-115.	1.4	8
94	Thermodynamic properties of binary mixtures containing oxaalkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 95, 149-159.	2.0	8
95	SUPERCRITICAL EXTRACTION OF ESSENTIAL OILS FROM NATURAL MATRICES. <i>Acta Horticulturae</i> , 2010, , 229-240.	0.1	8
96	Chemical and biomolecular analyses to discriminate three taxa of <i>Pistacia</i> genus from Sardinia Island (Italy) and their antifungal activity. <i>Natural Product Research</i> , 2018, 32, 2766-2774.	1.0	8
97	Gas chromatography combined with mass spectrometry and flame ionization detection for identifying the organic volatiles from <i>Stachys arvensis</i> , <i>S. marrubiifolia</i> and <i>S. ocymastrum</i> . <i>International Journal of Mass Spectrometry</i> , 2018, 432, 59-64.	0.7	8
98	Chemical characterization and bioactivity of the essential oil from <i>Santolina insularis</i> , a Sardinian endemism. <i>Natural Product Research</i> , 2022, 36, 445-449.	1.0	8
99	Bovine Viral Diarrhea Virus (BVDV): A Preliminary Study on Antiviral Properties of Some Aromatic and Medicinal Plants. <i>Pathogens</i> , 2021, 10, 403.	1.2	8
100	Chemical composition and biological activity of essential oil of <i>Teucrium scordium</i> L. subsp. <i>scordioides</i> (Schreb.) Arcang. (Lamiaceae) from Sardinia Island (Italy). <i>Natural Product Research</i> , 2021, , 1-8.	1.0	8
101	Excess enthalpies of some binary mixtures: a contribution to the study of the Cl-O specific interaction. <i>Thermochimica Acta</i> , 1989, 155, 317-325.	1.2	7
102	Excess enthalpies of some tertiary amine + n-alkane or cyclohexane mixtures. <i>Thermochimica Acta</i> , 1990, 158, 61-70.	1.2	7
103	DISQUAC predictions on excess enthalpies of the ternary mixture: cyclohexane + propanone + tetrahydrofuran. <i>Fluid Phase Equilibria</i> , 1995, 109, 67-81.	1.4	7
104	A comparative study of thermodynamic properties of binary mixtures containing alkynes. <i>Thermochimica Acta</i> , 2004, 418, 85-93.	1.2	7
105	Excess enthalpies of mixtures of mono-carboxylic acid with dibutylether. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 108, 777-782.	2.0	7
106	Flavoring of sea salt with Mediterranean aromatic plants affects salty taste perception. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6005-6013.	1.7	7
107	Excess Gibbs energies and excess enthalpies of liquid binary mixtures containing nitroalkanes. <i>Fluid Phase Equilibria</i> , 1993, 84, 281-296.	1.4	6
108	Thermodynamics of binary mixtures containing linear or cyclic alkenes + n-alkanes or cyclohexane. <i>Fluid Phase Equilibria</i> , 1994, 93, 249-276.	1.4	6

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109	Thermodynamic properties of binary mixtures containing alkanenitriles. II. Excess volumes of alkanenitriles + 1-chloroalkanes. <i>Fluid Phase Equilibria</i> , 1996, 126, 195-202.	1.4	6
110	Isolation of <i>Guaiacum Bulnesia</i> Volatile Oil by Supercritical Carbon Dioxide Extraction. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2007, 10, 221-228.	0.7	6
111	Composition and Biological Activity of Supercritical CO <sub>2</sub> Extract of Some Lamiaceae Growing Wild in Sardinia (Italy). <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 625-632.	0.7	6
112	Comparative analysis of the oil and supercritical CO <sub>2</sub> extract of <i>Schinus molle</i> L. growing in Yemen. <i>Natural Product Research</i> , 2011, 25, 1366-1369.	1.0	6
113	Characterization of Essential Oils from Different Taxa Belonging to the Genus <i>Teucrium</i> in Sardinia Island, Italy. <i>Plants</i> , 2021, 10, 1359.	1.6	6
114	DISQUAC predictions of excess enthalpies of the ternary mixture: tetrahydrofuran + cyclohexane + butanenitrile. <i>Fluid Phase Equilibria</i> , 1996, 126, 163-175.	1.4	5
115	Extraction of <i>Lantana camara</i> essential oil by supercritical carbon dioxide: influence of the grinding and biological activity. <i>Natural Product Research</i> , 2007, 21, 33-36.	1.0	5
116	Calorimetric study of nitro group/solvent interactions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 1015-1023.	2.0	5
117	Calorimetric Study of Nitrile Group Solvent Interactions and Comparison with Dispersive Quasi-Chemical (DISQUAC) Predictions. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 5406-5412.	1.0	5
118	Isolation of the Volatile Oil from <i>Satureja thymbra</i> by Supercritical Carbon Dioxide Extraction: Chemical Composition and Biological Activity. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100601.	0.2	5
119	Fatty acids from high rate algal pond's microalgal biomass and osmotic stress effects. <i>Bioresource Technology</i> , 2017, 244, 860-864.	4.8	5
120	Supercritical CO <sub>2</sub> extract from needles of <i>Pinus nigra</i> ssp. <i>laricio</i> : combined analysis by GC, GC-MS and <sup>13</sup> C NMR. <i>Natural Product Research</i> , 2007, 21, 834-837.	1.0	4
121	Excess enthalpies and excess volumes of binary mixtures containing a linear carboxylic acid + di-iso-propyl ether at 298.15 K and 0.1 MPa. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 607-615.	2.0	4
122	Evaluation of antioxidant and tyrosinase inhibitory activities of the extracts of <i>Sarcopoterium spinosum</i> (L.) Spach fruits. <i>Natural Product Research</i> , 2017, 31, 2900-2904.	1.0	4
123	Waste salt from the manufacturing process of mullet bottarga as source of oil with nutritional and nutraceutical properties. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5363-5372.	1.7	4
124	Theoretical and Experimental Study of the Excess Thermodynamic Properties of Highly Nonideal Liquid Mixtures of Butanol Isomers + DBE. <i>Journal of Physical Chemistry B</i> , 2021, 125, 587-600.	1.2	4
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126	Thermodynamic study of mixtures containing dibromomethane. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 611-621.	2.0	3



#	ARTICLE	IF	CITATIONS
127	Comparative evaluation of the composition of vegetable essential and fixed oils obtained by supercritical extraction and conventional techniques: a chemometric approach. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4496-4505.	1.3	3
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129	Thermodynamic properties of binary mixtures containing oxalkanes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 97, 817-825.	2.0	2
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138	Thermodynamic study of mixtures containing dibromomethane. II: volumes and enthalpies at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 140, 2409-2420.	2.0	0
139	Excess enthalpies of [C <sub>n</sub> MIM][NTf <sub>2</sub> ] (n = 2 or 10) ethanol or N-methyl-2-pyrrolidone binary mixtures at 298.15 K and 0.1 MPa. <i>Journal of Thermal Analysis and Calorimetry</i> , 0, , 1.	2.0	0