

Mario J Simirgiotis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9360922/mario-j-simirgiotis-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133
papers

2,562
citations

26
h-index

46
g-index

155
ext. papers

3,104
ext. citations

4.3
avg, IF

5.37
L-index

#	Paper	IF	Citations
133	HPLC-UV-MS profiles of phenolic compounds and antioxidant activity of fruits from three citrus species consumed in Northern Chile. <i>Molecules</i> , 2014 , 19, 17400-21	4.8	181
132	Functional constituents of wild and cultivated Goji (<i>L. barbarum</i> L.) leaves: phytochemical characterization, biological profile, and computational studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 153-168	5.6	109
131	The <i>Passiflora tripartita</i> (Banana Passion) fruit: a source of bioactive flavonoid C-glycosides isolated by HSCCC and characterized by HPLC-DAD-ESI/MS/MS. <i>Molecules</i> , 2013 , 18, 1672-92	4.8	102
130	Determination of phenolic composition and antioxidant activity in fruits, rhizomes and leaves of the white strawberry (<i>Fragaria chiloensis</i> spp. <i>chiloensis</i> form <i>chiloensis</i>) using HPLC-DAD-ESI-MS and free radical quenching techniques. <i>Journal of Food Composition and Analysis</i> , 2010 , 23, 545-553	4.1	99
129	Anthocyanin characterization, total phenolic quantification and antioxidant features of some Chilean edible berry extracts. <i>Molecules</i> , 2014 , 19, 10936-55	4.8	87
128	Anthocyanins and antioxidant capacities of six Chilean berries by HPLC-HR-ESI-ToF-MS. <i>Food Chemistry</i> , 2015 , 176, 106-14	8.5	87
127	Comparison of phenolic composition and antioxidant properties of two native Chilean and one domestic strawberry genotypes. <i>Food Chemistry</i> , 2009 , 113, 377-385	8.5	81
126	Cytotoxic chalcones and antioxidants from the fruits of a <i>Syzygium samarangense</i> (Wax Jambu). <i>Food Chemistry</i> , 2008 , 107, 813-819	8.5	79
125	Antioxidant capacity and HPLC-DAD-MS profiling of Chilean peumo (<i>Cryptocarya alba</i>) fruits and comparison with German peumo (<i>Crataegus monogyna</i>) from southern Chile. <i>Molecules</i> , 2013 , 18, 2061-80	4.8	73
124	Antioxidant capacity, polyphenolic content and tandem HPLC-DAD-ESI/MS profiling of phenolic compounds from the South American berries <i>Luma apiculata</i> and <i>L. chequẽ</i> . <i>Food Chemistry</i> , 2013 , 139, 289-99	8.5	73
123	Antioxidant Capacities and Analysis of Phenolic Compounds in Three Endemic <i>Nolana</i> Species by HPLC-PDA-ESI-MS. <i>Molecules</i> , 2015 , 20, 11490-507	4.8	73
122	Identification of phenolic compounds from the fruits of the mountain papaya <i>Vasconcellea pubescens</i> A. DC. grown in Chile by liquid chromatography-UV detection-mass spectrometry. <i>Food Chemistry</i> , 2009 , 115, 775-784	8.5	67
121	Pecan nuts: A review of reported bioactivities and health effects. <i>Trends in Food Science and Technology</i> , 2018 , 71, 246-257	15.3	64
120	Direct identification of phenolic constituents in Boldo Folium (<i>Peumus boldus</i> Mol.) infusions by high-performance liquid chromatography with diode array detection and electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 443-9	4.5	60
119	The Morita-Baylis-Hillman reaction: insights into asymmetry and reaction mechanisms by electrospray ionization mass spectrometry. <i>Molecules</i> , 2009 , 14, 3989-4021	4.8	59
118	UHPLC-QTOF-MS analysis of bioactive constituents from two Romanian Goji (<i>Lycium barbarum</i> L.) berries cultivars and their antioxidant, enzyme inhibitory, and real-time cytotoxicological evaluation. <i>Food and Chemical Toxicology</i> , 2018 , 115, 414-424	4.7	54
117	Antioxidant properties and hyphenated HPLC-PDA-MS profiling of Chilean Pica mango fruits (<i>Mangifera indica</i> L. Cv. piqueñ). <i>Molecules</i> , 2013 , 19, 438-58	4.8	52

116	Evaluation of antioxidant potential, enzyme inhibition activity and phenolic profile of Lathyrus cicera and Lathyrus digitatus: Potential sources of bioactive compounds for the food industry. <i>Food and Chemical Toxicology</i> , 2017 , 107, 609-619	4.7	49
115	Anti-proliferative activity of meroditerpenoids isolated from the brown alga <i>Styopodium flabelliforme</i> against several cancer cell lines. <i>Marine Drugs</i> , 2011 , 9, 852-62	6	43
114	Direct characterisation of phenolic antioxidants in infusions from four Mapuche medicinal plants by liquid chromatography with diode array detection (HPLC-DAD) and electrospray ionisation tandem mass spectrometry (HPLC-ESI/MS). <i>Food Chemistry</i> , 2012 , 131, 318-327	8.5	42
113	Fast Detection of Phenolic Compounds in Extracts of Easter Pears (<i>Pyrus communis</i>) from the Atacama Desert by Ultrahigh-Performance Liquid Chromatography and Mass Spectrometry (UHPLC-Q/Orbitrap/MS/MS). <i>Molecules</i> , 2016 , 21, 92	4.8	40
112	Phenolic Compounds in Chilean Mistletoe (<i>Quintral</i> , <i>Tristerix tetrandus</i>) Analyzed by UHPLC-Q/Orbitrap/MS/MS and Its Antioxidant Properties. <i>Molecules</i> , 2016 , 21, 245	4.8	39
111	Rosmarinic acid prevents fibrillization and diminishes vibrational modes associated to β sheet in tau protein linked to Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 945-953	5.6	37
110	Bioactive coumarins and HPLC-PDA-ESI-ToF-MS metabolic profiling of edible queule fruits (<i>Gomortega keule</i>), an endangered endemic Chilean species. <i>Food Research International</i> , 2013 , 54, 532-543	7.4	35
109	Secondary Metabolites in <i>Ramalina terebrata</i> Detected by UHPLC/ESI/MS/MS and Identification of Parietin as Tau Protein Inhibitor. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	34
108	Stereostructure reassignment and absolute configuration of isoeptaondiol, a meroditerpenoid from <i>Styopodium flabelliforme</i> . <i>Journal of Natural Products</i> , 2010 , 73, 79-82	4.9	32
107	Chemical Composition and Antioxidant Activity of <i>Aloe vera</i> from the Pica Oasis (Tarapacá, Chile) by UHPLC-Q/Orbitrap/MS/MS. <i>Journal of Chemistry</i> , 2018 , 2018, 1-12	2.3	26
106	Activity guided isolation of isoflavones and hyphenated HPLC-PDA-ESI-ToF-MS metabolome profiling of <i>Azorella madreporica</i> Clos. from northern Chile. <i>Food Research International</i> , 2013 , 52, 288-297	7.7	24
105	Antioxidant and Antibacterial Capacities of L. Essential Oil from the Arid Andean Region of Chile and its Chemical Characterization by GC-MS. <i>Metabolites</i> , 2020 , 10,	5.6	24
104	Secondary Metabolite Profiling of Species of the Genus <i>Usnea</i> by UHPLC-ESI-OT-MS-MS. <i>Molecules</i> , 2017 , 23,	4.8	23
103	High resolution UHPLC-MS characterization and isolation of main compounds from the antioxidant medicinal plant (<i>Meyen</i>). <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 1032-1039	4.4	22
102	Fast high resolution Orbitrap MS fingerprinting of the resin of <i>Heliotropium taltalense</i> Phil. from the Atacama Desert. <i>Industrial Crops and Products</i> , 2016 , 85, 159-166	5.9	22
101	Gastroprotective activity of ferruginol in mice and rats: effects on gastric secretion, endogenous prostaglandins and non-protein sulfhydryls. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 245-51	4.8	21
100	Further mulinane diterpenoids from <i>Azorella compacta</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 1231-8	4.8	20
99	An unusual halogenated meroditerpenoid from <i>Styopodium flabelliforme</i> : studies by NMR spectroscopic and computational methods. <i>Phytochemistry</i> , 2009 , 70, 1315-20	4	20

98	Aqueous extract from leaf of <i>Artocarpus altilis</i> provides cardio-protection from isoproterenol induced myocardial damage in rats: Negative chronotropic and inotropic effects. <i>Journal of Ethnopharmacology</i> , 2017 , 203, 163-170	5	19
97	Isolation of cytotoxic diterpenoids from the Chilean medicinal plant <i>Azorella compacta</i> Phil from the Atacama Desert by high-speed counter-current chromatography. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 2832-8	4.3	18
96	The Native Fruit <i>Geoffroea decorticans</i> from Arid Northern Chile: Phenolic Composition, Antioxidant Activities and In Vitro Inhibition of Pro-Inflammatory and Metabolic Syndrome-Associated Enzymes. <i>Molecules</i> , 2017 , 22,	4.8	18
95	Metabolomic Analysis of the Lichen <i>Everniopsis trulla</i> Using Ultra High Performance Liquid Chromatography-Quadrupole-Orbitrap Mass Spectrometry (UHPLC-Q-OT-MS). <i>Chromatographia</i> , 2017 , 80, 967-973	2.1	17
94	Metabolomic Analysis of Two Parmotrema Lichens: <i>P. robustum</i> (Degel.) Hale and <i>P. andinum</i> (Mull. Arg.) Hale Using UHPLC-ESI-OT-MS-MS. <i>Molecules</i> , 2017 , 22,	4.8	17
93	High resolution metabolite fingerprinting of the resin of <i>Baccharis tola</i> Phil. from the Atacama Desert and its antioxidant capacities. <i>Industrial Crops and Products</i> , 2016 , 94, 368-375	5.9	17
92	Gastroprotective and cytotoxic effect of semisynthetic ferruginol derivatives. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 289-300	4.8	16
91	Short Total Synthesis of (-)-Lupinine and (-)-Epiquinamide by Double Mitsunobu Reaction. <i>Synthesis</i> , 2011 , 2011, 51-56	2.9	16
90	UHPLC high resolution orbitrap metabolomic fingerprinting of the unique species <i>Ophryosporus triangularis</i> Meyen from the Atacama Desert, Northern Chile. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 179-187	2	15
89	Microbial transformation of the diterpene mulin-11,13-dien-20-oic acid by <i>Mucor plumbeus</i> . <i>Magnetic Resonance in Chemistry</i> , 2008 , 46, 765-8	2.1	15
88	Antiinflammatory activity from aerial parts of <i>Baccharis medullosa</i> , <i>Baccharis rufescens</i> and <i>Laennecia sophiifolia</i> in mice. <i>Phytotherapy Research</i> , 2001 , 15, 529-31	6.7	15
87	Diterpenes from <i>Laennecia sophiifolia</i> . <i>Phytochemistry</i> , 2000 , 55, 721-6	4	15
86	Further mulinane and azorellane diterpenoids isolated from <i>Mulinum crassifolium</i> and <i>Azorella compacta</i> . <i>Molecules</i> , 2014 , 19, 3898-908	4.8	14
85	Asymmetric total synthesis of Tofacitinib. <i>Tetrahedron Letters</i> , 2013 , 54, 5096-5098	2	14
84	An unusual mulinane diterpenoid from the Chilean plant <i>Azorella trifurcata</i> (Gaertn) Pers. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 6406-13	3.9	13
83	Diterpenoids from <i>Azorella madreporica</i> and their antibacterial activity. <i>Planta Medica</i> , 2010 , 76, 1749-51	3.1	12
82	Are Ionic Liquids Better Extracting Agents Than Toxic Volatile Organic Solvents? A Combination of Ionic Liquids, Microwave and LC/MS/MS, Applied to the Lichen. <i>Frontiers in Chemistry</i> , 2020 , 8, 450	5	11
81	New dammarane triterpenes from the aerial parts of <i>Ibicella lutea</i> grown in Argentina. <i>Journal of Natural Products</i> , 2003 , 66, 1586-92	4.9	11

80	Fast isolation of cytotoxic compounds from the native Chilean species <i>Gyothamnium pinifolium</i> Phil. collected in the Atacama Desert, northern Chile. <i>Industrial Crops and Products</i> , 2015 , 76, 69-76	5.9	10
79	Gastroprotective effects of new diterpenoid derivatives from <i>Azorella cuatrecasii</i> Mathias & Constance obtained using a Cyclodextrin complex with microbial and chemical transformations. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3220-3222	2.9	10
78	Seco-taondiol, an unusual meroterpenoid from the Chilean seaweed <i>Styopodium flabelliforme</i> and its gastroprotective effect in mouse model. <i>Marine Drugs</i> , 2015 , 13, 1726-38	6	10
77	Triterpenoids from <i>Azorella trifurcata</i> (Gaertn.) Pers and their effect against the enzyme acetylcholinesterase. <i>Quimica Nova</i> , 2009 , 32, 2023-2025	1.6	10
76	Synthesis of the Indolo[2,3-a]quinolizidine Ring through the Addition of 2-Siloxyfurans to Imines and Intrinsic Reaction Coordinate Calculations. <i>Synthesis</i> , 2012 , 44, 144-150	2.9	10
75	Antioxidant, Gastroprotective, Cytotoxic Activities and UHPLC PDA-Q Orbitrap Mass Spectrometry Identification of Metabolites in Decoction. <i>Molecules</i> , 2019 , 24,	4.8	9
74	Biological activity and chemical characterization of <i>Pouteria lucuma</i> seeds: A possible use of an agricultural waste. <i>Waste Management</i> , 2019 , 88, 319-327	8.6	9
73	Metabolomic Analysis, Fast Isolation of Phenolic Compounds, and Evaluation of Biological Activities of the Bark From Cav. (Cunoniaceae). <i>Frontiers in Pharmacology</i> , 2020 , 11, 780	5.6	9
72	Adaptive evolution of peptidoglycan recognition protein family regulates the innate signaling against microbial pathogens in vertebrates. <i>Microbial Pathogenesis</i> , 2020 , 147, 104361	3.8	9
71	UHPLC-ESI-ORBITRAP-MS analysis of the native Mapuche medicinal plant palo negro (<i>Leptocarpha rivularis</i> DC. - Asteraceae) and evaluation of its antioxidant and cholinesterase inhibitory properties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018 , 33, 936-944	5.6	9
70	A new mulinane diterpenoid from the cushion shrub <i>Azorella compacta</i> growing in Peru. <i>Pharmacognosy Magazine</i> , 2014 , 10, S543-8	0.8	9
69	Anthraquinone Derivative Reduces Tau Oligomer Progression by Inhibiting Cysteine-Cysteine Interaction. <i>ChemistryOpen</i> , 2019 , 8, 554-559	2.3	8
68	Gastroprotective activity of ent-beyerene derivatives in mice: Effects on gastric secretion, endogenous prostaglandins and non-protein sulfhydryls. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 2813-7	2.9	8
67	Gastroprotective activity of epitaondiol and sargaol. <i>Natural Product Communications</i> , 2011 , 6, 1073-4	0.9	8
66	Gastroprotective activity of synthetic coumarins: Role of endogenous prostaglandins, nitric oxide, non-protein sulfhydryls and vanilloid receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5732-5735	2.9	7
65	Chemical Profiling, Antioxidant, Anticholinesterase, and Antiprotozoal Potentials of Phil. (Asteraceae). <i>Frontiers in Pharmacology</i> , 2020 , 11, 594174	5.6	7
64	In Vitro Anthelmintic Evaluation of , , and : Fingerprint Analysis of Extracts by UHPLC-Orbitrap Mass Spectrometry. <i>Molecules</i> , 2020 , 25,	4.8	7
63	Chemical Fingerprinting, Isolation and Characterization of Polyphenol Compounds from (Phil.) I.M. Johnst and Its Endothelium-Dependent Vascular Relaxation Effect in Rat Aorta. <i>Molecules</i> , 2020 , 25,	4.8	7

62	Phil; Two New Mulinanes, Gastroprotective Activity and Metabolomic Analysis by UHPLC-Orbitrap Mass Spectrometry. <i>Molecules</i> , 2019 , 24,	4.8	6
61	UHPLC-Q/Orbitrap/MS/MS fingerprinting and antitumoral effects of (LAM.) BENTH. queous extract on allograft colorectal and melanoma cancer models. <i>Heliyon</i> , 2020 , 6, e03353	3.6	6
60	UHPLC-MS Metabolome Fingerprinting: The Isolation of Main Compounds and Antioxidant Activity of the Andean Species Tetraglochin ameghinoi (Speg.) Speg. <i>Molecules</i> , 2018 , 23,	4.8	6
59	Phytochemical Profiling of (Cactaceae) Growing in Greenhouse Conditions Using Ultra-High-Performance Liquid Chromatography?Tandem Mass Spectrometry. <i>Molecules</i> , 2019 , 24,	4.8	5
58	4P5-Dihydroxy-7-methoxy-flavanone dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o32-3		5
57	A NON-CENTROSYMMETRIC POLYMORPH OF 5-HYDROXY-7-METHOXY-2-PHENYLCHROMAN-4-ONE. <i>Journal of the Chilean Chemical Society</i> , 2015 , 60, 2864-2866	2.5	5
56	Antifungal activity of phytotherapeutic preparation of Baccharis species from argentine Puna against clinically relevant fungi. <i>Journal of Ethnopharmacology</i> , 2020 , 251, 112553	5	5
55	Improvement of endothelial function by Gunnera tinctoria extract with antioxidant properties. <i>Biological Research</i> , 2020 , 53, 55	7.6	5
54	(K. Schum. ex Vaupel) Britton & Rose (Cactaceae): Antioxidant, Gastroprotective Effects, and Metabolomic Profiling by Ultrahigh-Pressure Liquid Chromatography and Electrospray High Resolution Orbitrap Tandem Mass Spectrometry. <i>Frontiers in Pharmacology</i> , 2020 , 11, 417	5.6	5
53	Evaluation of fish meat noodles: physical property, dough rheology, chemistry and water distribution properties. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 1061-1069	3.8	5
52	Gastroprotective Activity of (Meyen), Cabrera from the Atacama Desert. <i>Molecules</i> , 2018 , 23,	4.8	5
51	Biological activity of isoflavonoids from Azorella madreporica. <i>Natural Product Communications</i> , 2012 , 7, 1187-8	0.9	5
50	Modulatory Effect of Guinep (Jacq) Fruit Pulp Extract on Isoproterenol-Induced Myocardial Damage in Rats. Identification of Major Metabolites Using High Resolution UHPLC Q-Orbitrap Mass Spectrometry. <i>Molecules</i> , 2019 , 24,	4.8	4
49	Isolation, Gastroprotective Effects and Untargeted Metabolomics Analysis of J. Remy (Solanaceae). <i>Foods</i> , 2020 , 9,	4.9	4
48	Phenolic Fingerprinting, Antioxidant, and Deterrent Potentials of Extracts. <i>Molecules</i> , 2020 , 25,	4.8	4
47	High Resolution UHPLC-MS Metabolomics and Sedative-Anxiolytic Effects of : A Mystic Plant used by Mapuche Amerindians. <i>Frontiers in Pharmacology</i> , 2017 , 8, 494	5.6	4
46	Supramolecular Host-Guest Asymmetric Induction In Organic Synthesis. <i>Current Organic Synthesis</i> , 2012 , 9, 279-309	1.9	4
45	Enantiospecific synthesis of the sugar amino acid (2S,5S)-5-(aminomethyl)-tetrahydrofuran-2-carboxylic acid. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2435-2440		4

44	Potential of <i>Baccharis alnifolia</i> Meyen & Walpan (Chilka) from northern Chile used as a medicinal infusion. <i>Ciencia Rural</i> , 2019 , 49,	1.3	4
43	Metabolomic Profiling of Mango (Linn) Leaf Extract and Its Intestinal Protective Effect and Antioxidant Activity in Different Biological Models. <i>Molecules</i> , 2020 , 25,	4.8	4
42	Chemical Fingerprinting and Biological Evaluation of the Endemic Chilean Fruit (Ruiz and Pav.) Regel (Bromeliaceae) by UHPLC-PDA-Orbitrap-Mass Spectrometry. <i>Molecules</i> , 2020 , 25,	4.8	4
41	Polyphenolic Composition and Hypotensive Effects of (Meyen) Cabrera in Rat. <i>Antioxidants</i> , 2019 , 8,	7.1	4
40	UHPLC-Q/Orbitrap/MS/MS Fingerprinting, Free Radical Scavenging, and Antimicrobial Activity of (Hook. & Arn.) DC. (Asteraceae) Lyophilized Decoction from Argentina and Chile. <i>Antioxidants</i> , 2019 , 8,	7.1	4
39	<i>Flourensia fiebrigii</i> S.F. Blake: A medicinal plant from the Argentinean highlands with potential use as anti-rheumatic and anti-inflammatory. <i>Journal of Ethnopharmacology</i> , 2021 , 264, 113296	5	4
38	Crystal structure of 11-(p-coumaroyloxy)-tremetone, C ₂₂ H ₂₀ O ₅ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017 , 232, 13-14	0.2	3
37	UHPLC-HESI-OT-MS-MS Biomolecules Profiling, Antioxidant and Antibacterial Activity of the "Orange-Yellow Resin" from Cav. <i>Antioxidants</i> , 2020 , 9,	7.1	3
36	Crystal structure of 2-nor-1,2-secolycoserone, C ₂₄ H ₃₂ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2014 , 229, 399-400	0.2	3
35	Biological Activity of Isoflavonoids from <i>Azorella madreporica</i> . <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	3
34	Biomass production and secondary metabolite identification in callus cultures of <i>Coryphantha macromeris</i> (Engelm.) Britton & Rose (Cactaceae), a traditional medicinal plant. <i>South African Journal of Botany</i> , 2021 , 137, 1-9	2.9	3
33	Mulinane and Azorellane Diterpenoid Biomarkers by GC-MS from a Representative Apiaceae (Umbelliferae) Species of the Andes. <i>Molecules</i> , 2019 , 24,	4.8	2
32	βSynuclein and tau, two targets for dementia. <i>Studies in Natural Products Chemistry</i> , 2020 , 67, 1-25	1.5	2
31	Fast Isolation of Flavonoids from the Endemic Species I.M. Johnst and Its Endothelium-Independent Relaxation Effect in Rat Aorta. <i>Molecules</i> , 2020 , 25,	4.8	2
30	Valorization of Wastewater from Table Olives: NMR Identification of Antioxidant Phenolic Fraction and Microwave Single-Phase Reaction of Sugary Fraction. <i>Antioxidants</i> , 2021 , 10,	7.1	2
29	UHPLC-DAD Characterization of L. from Atacama Desert Andean Region and Antioxidant, Antibacterial and Enzyme Inhibition Activities. <i>Molecules</i> , 2021 , 26,	4.8	2
28	Whole Fish Powder Snacks: Evaluation of Structural, Textural, Pasting, and Water Distribution Properties. <i>Sustainability</i> , 2021 , 13, 6010	3.6	2
27	Agro-industrial waste seeds from Peruvian <i>Pouteria lucuma</i> as new source of phytosterols. <i>LWT - Food Science and Technology</i> , 2021 , 144, 111259	5.4	2

26	Analysis of Carotenoids in Haloarchaea Species from Atacama Saline Lakes by High Resolution UHPLC-Q-Orbitrap-Mass Spectrometry: Antioxidant Potential and Biological Effect on Cell Viability. <i>Antioxidants</i> , 2021 , 10,	7.1	2
25	Crystal structure of 3?,4?,5-trihydroxy-3,7-dimethoxyflavone, C17H14O7. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 113-115	0.2	2
24	Blood pressure-reducing activity of Gongronema latifolium Benth. (Apocynaceae) and the identification of its main phytochemicals by UHPLC Q-Orbitrap mass spectrometry. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2019 , 31,	1.6	2
23	Dammarane triterpenes targeting β -synuclein: biological activity and evaluation of binding sites by molecular docking. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 154-162	5.6	2
22	In vitro screening for growth inhibition activity on cancer cell lines of northern Chile highlands shrubs. <i>Ciencia Rural</i> , 2021 , 51,	1.3	2
21	Comparative analysis of the mitochondrial proteins reveals complex structural and functional relationships in Fasciola species. <i>Microbial Pathogenesis</i> , 2021 , 152, 104754	3.8	2
20	ABSOLUTE CONFIGURATION OF 18-ACETOXY-CIS-CLERODA-3,13E-DIEN-15-OIC ACID. <i>Journal of the Chilean Chemical Society</i> , 2018 , 63, 4086-4089	2.5	2
19	Crystal structure of 5-hydroxy-2-(4-hydroxy-3-methoxyphenyl)-3,7,8-trimethoxy-4H-chromen-4-one, C19H18O8. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 61-64	0.2	2
18	Green ultrasound-assisted extraction of lichen substances from . Ethyl lactate, a better extracting agent than methanol toxic organic solvent?. <i>Natural Product Research</i> , 2021 , 1-5	2.3	2
17	Propolis from the Monte Region in Argentina: A Potential Phytotherapeutic and Food Functional Ingredient. <i>Metabolites</i> , 2021 , 11,	5.6	2
16	UHPLC-ESI-OT-MS Phenolics Profiling, Free Radical Scavenging, Antibacterial and Nematicidal Activities of "Yellow-Brown Resins" from spp. <i>Antioxidants</i> , 2021 , 10,	7.1	2
15	Role of Ovalbumin/ β Cyclodextrin in Improving Structural and Gelling Properties of Culter alburnus Myofibrillar Proteins during Frozen Storage. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11815	2.6	2
14	Concise and straightforward asymmetric synthesis of a cyclic natural hydroxy-amino acid. <i>Molecules</i> , 2014 , 19, 19516-31	4.8	1
13	Phytochemical Study Conyza Sophiaefolia. Antiinflammatory Activity. <i>Molecules</i> , 2000 , 5, 605-607	4.8	1
12	Chemical Characterization, Nutritional and Bioactive Properties of Fruit from High Areas of the Atacama Desert. <i>Foods</i> , 2021 , 10,	4.9	1
11	Flavonoid-enriched fractions from Parastrephia lucida: Phytochemical, anti-inflammatory, antioxidant characterizations, and analysis of their toxicity. <i>South African Journal of Botany</i> , 2020 , 135, 465-475	2.9	1
10	Metabolite Profiling of the Indian Food Spice Lichen, Combined With Optimised Extraction Methodology to Obtain Bioactive Phenolic Compounds. <i>Frontiers in Pharmacology</i> , 2021 , 12, 629695	5.6	1
9	Crystal structure of methyl 8-hydroxy-3-isopropyl-5a,8-dimethyl-2,3,4,5,5a,6,7,8,10a,10b-decahydrocyclohepta[e]indene-3a(1H)-carboxylate, C21H34O3. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2016 , 231, 579-582		

8	Table Olive Wastewater as a Potential Source of Biophenols for Valorization: A Mini Review. <i>Fermentation</i> , 2022 , 8, 215	4.7	1
7	Terpenic Compounds in Chilean Species of the Genus <i>Blechnum</i> (Pteridophyta: Blechnaceae) with Neuroprotective Potential. <i>Proceedings (mdpi)</i> , 2021 , 71, 2	0.3	0
6	Two New Fumarprotocetraric Acid Lactones Identified and Characterized by UHPLC-PDA/ESI/ORBITRAP/MS/MS from the Antarctic Lichen <i>Cladonia metacorallifera</i> . <i>Separations</i> , 2022 , 9, 41	3.1	0
5	Continental and Antarctic Lichens: isolation, identification and molecular modeling of the depside tenuiorin from the Antarctic lichen as tau protein inhibitor. <i>Natural Product Research</i> , 2020 , 34, 646-650	2.3	0
4	Chilean Rhubarb, (Molina) Mirb. (Gunneraceae): UHPLC-ESI-Orbitrap-MS Profiling of Aqueous Extract and its Anti- Activity. <i>Frontiers in Pharmacology</i> , 2020 , 11, 583961	5.6	0
3	Crystal structure of 5,7,4?-trihydroxy-3,8,3?-trymethoxyflavone, C ₁₈ H ₁₆ O ₈ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017 , 232, 245-247	0.2	
2	Crystal structure of 5,4?-dihydroxy-7,3?-dimethoxyflavanone, C ₁₇ H ₁₆ O ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 405-407	0.2	
1	Erythrinoid and indol alkaloids isolated from the seeds of <i>Erythrina rubrinervia</i> Kunth: Chemotaxonomic significance. <i>Biochemical Systematics and Ecology</i> , 2021 , 97, 104295	1.4	