

# Mario J Simirgiotis

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 9, 41	3.1	0
132	Table Olive Wastewater as a Potential Source of Biophenols for Valorization: A Mini Review. <i>Fermentation</i> , <b>2022</b> , 8, 215	4.7	1
131	Terpenic Compounds in Chilean Species of the Genus <i>Blechnum</i> (Pteridophyta: Blechnaceae) with Neuroprotective Potential. <i>Proceedings (mdpi)</i> , <b>2021</b> , 71, 2	0.3	0
130	Chemical Characterization, Nutritional and Bioactive Properties of Fruit from High Areas of the Atacama Desert. <i>Foods</i> , <b>2021</b> , 10,	4.9	1
129	Valorization of Wastewater from Table Olives: NMR Identification of Antioxidant Phenolic Fraction and Microwave Single-Phase Reaction of Sugary Fraction. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
128	UHPLC-DAD Characterization of L. from Atacama Desert Andean Region and Antioxidant, Antibacterial and Enzyme Inhibition Activities. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
127	Metabolite Profiling of the Indian Food Spice Lichen, Combined With Optimised Extraction Methodology to Obtain Bioactive Phenolic Compounds. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 629695	5.6	1
126	Whole Fish Powder Snacks: Evaluation of Structural, Textural, Pasting, and Water Distribution Properties. <i>Sustainability</i> , <b>2021</b> , 13, 6010	3.6	2
125	Agro-industrial waste seeds from Peruvian <i>Pouteria lucuma</i> as new source of phytosterols. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 144, 111259	5.4	2
124	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> , <b>2021</b> , 10,	7.1	2
123	Evaluation of fish meat noodles: physical property, dough rheology, chemistry and water distribution properties. <i>International Journal of Food Science and Technology</i> , <b>2021</b> , 56, 1061-1069	3.8	5
122	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> , <b>2021</b> , 137, 1-9	2.9	3
121	Dammarane triterpenes targeting $\beta$ -synuclein: biological activity and evaluation of binding sites by molecular docking. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2021</b> , 36, 154-162	5.6	2
120	<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> , <b>2021</b> , 264, 113296	5	4
119	In vitro screening for growth inhibition activity on cancer cell lines of northern Chile highlands shrubs. <i>Ciencia Rural</i> , <b>2021</b> , 51,	1.3	2
118	Comparative analysis of the mitochondrial proteins reveals complex structural and functional relationships in <i>Fasciola</i> species. <i>Microbial Pathogenesis</i> , <b>2021</b> , 152, 104754	3.8	2
117	Green ultrasound-assisted extraction of lichen substances from . Ethyl lactate, a better extracting agent than methanol toxic organic solvent?. <i>Natural Product Research</i> , <b>2021</b> , 1-5	2.3	2

116	Erythrinoid and indol alkaloids isolated from the seeds of <i>Erythrina rubrinervia</i> Kunth: Chemotaxonomic significance. <i>Biochemical Systematics and Ecology</i> , <b>2021</b> , 97, 104295	1.4	
115	Propolis from the Monte Region in Argentina: A Potential Phytotherapeutic and Food Functional Ingredient. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	2
114	UHPLC-ESI-OT-MS Phenolics Profiling, Free Radical Scavenging, Antibacterial and Nematicidal Activities of "Yellow-Brown Resins" from spp. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
113	Role of Ovalbumin/ $\beta$ Cyclodextrin in Improving Structural and Gelling Properties of Culter alburnus Myofibrillar Proteins during Frozen Storage. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 11815	2.6	2
112	$\beta$ Synuclein and tau, two targets for dementia. <i>Studies in Natural Products Chemistry</i> , <b>2020</b> , 67, 1-25	1.5	2
111	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> , <b>2020</b> , 8, 450	5	11
110	Metabolomic Analysis, Fast Isolation of Phenolic Compounds, and Evaluation of Biological Activities of the Bark From Cav. (Cunoniaceae). <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 780	5.6	9
109	Isolation, Gastroprotective Effects and Untargeted Metabolomics Analysis of <i>J. Remy</i> (Solanaceae). <i>Foods</i> , <b>2020</b> , 9,	4.9	4
108	Phenolic Fingerprinting, Antioxidant, and Deterrent Potentials of Extracts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
107	Adaptive evolution of peptidoglycan recognition protein family regulates the innate signaling against microbial pathogens in vertebrates. <i>Microbial Pathogenesis</i> , <b>2020</b> , 147, 104361	3.8	9
106	UHPLC-Q/Orbitrap/MS/MS fingerprinting and antitumoral effects of (LAM.) BENTH. queous extract on allograft colorectal and melanoma cancer models. <i>Heliyon</i> , <b>2020</b> , 6, e03353	3.6	6
105	Fast Isolation of Flavonoids from the Endemic Species <i>I.M. Johnst</i> and Its Endothelium-Independent Relaxation Effect in Rat Aorta. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
104	UHPLC-HESI-OT-MS-MS Biomolecules Profiling, Antioxidant and Antibacterial Activity of the "Orange-Yellow Resin" from Cav. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	3
103	Antifungal activity of phytotherapeutic preparation of <i>Baccharis</i> species from argentine Puna against clinically relevant fungi. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 251, 112553	5	5
102	Improvement of endothelial function by <i>Gunnera tinctoria</i> extract with antioxidant properties. <i>Biological Research</i> , <b>2020</b> , 53, 55	7.6	5
101	Metabolomic Profiling of Mango (Linn) Leaf Extract and Its Intestinal Protective Effect and Antioxidant Activity in Different Biological Models. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
100	Chemical Profiling, Antioxidant, Anticholinesterase, and Antiprotozoal Potentials of <i>Phil.</i> (Asteraceae). <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 594174	5.6	7
99	In Vitro Anthelmintic Evaluation of , , and : Fingerprint Analysis of Extracts by UHPLC-Orbitrap Mass Spectrometry. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7

98	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> , <b>2020</b> , 25,	4.8	7
97	Flavonoid-enriched fractions from <i>Parastrephia lucida</i> : Phytochemical, anti-inflammatory, antioxidant characterizations, and analysis of their toxicity. <i>South African Journal of Botany</i> , <b>2020</b> , 135, 465-475	2.9	1
96	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> , <b>2020</b> , 10,	5.6	24
95	Chemical Fingerprinting and Biological Evaluation of the Endemic Chilean Fruit (Ruiz and Pav.) Regel (Bromeliaceae) by UHPLC-PDA-Orbitrap-Mass Spectrometry. <i>Molecules</i> , <b>2020</b> , 25,	4.8	4
94	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> , <b>2020</b> , 34, 646-650	2.3	0
93	(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> , <b>2020</b> , 11, 417	5.6	5
92	Chilean Rhubarb, (Molina) Mirb. (Gunneraceae): UHPLC-ESI-Orbitrap-MS Profiling of Aqueous Extract and its Anti- Activity. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 583961	5.6	0
91	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> , <b>2019</b> , 24,	4.8	4
90	Phil; Two New Mulinanes, Gastroprotective Activity and Metabolomic Analysis by UHPLC-Orbitrap Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	6
89	Anthraquinone Derivative Reduces Tau Oligomer Progression by Inhibiting Cysteine-Cysteine Interaction. <i>ChemistryOpen</i> , <b>2019</b> , 8, 554-559	2.3	8
88	Phytochemical Profiling of (Cactaceae) Growing in Greenhouse Conditions Using Ultra-High-Performance Liquid Chromatography?Tandem Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
87	Antioxidant, Gastroprotective, Cytotoxic Activities and UHPLC PDA-Q Orbitrap Mass Spectrometry Identification of Metabolites in Decoction. <i>Molecules</i> , <b>2019</b> , 24,	4.8	9
86	Mulinane and Azorellane Diterpenoid Biomarkers by GC-MS from a Representative Apiaceae (Umbelliferae) Species of the Andes. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
85	Biological activity and chemical characterization of <i>Pouteria lucuma</i> seeds: A possible use of an agricultural waste. <i>Waste Management</i> , <b>2019</b> , 88, 319-327	8.6	9
84	Potential of <i>Baccharis alnifolia</i> Meyen & Walpan (Chilka) from northern Chile used as a medicinal infusion. <i>Ciencia Rural</i> , <b>2019</b> , 49,	1.3	4
83	Crystal structure of 5,4?-dihydroxy-7,3?-dimethoxyflavanone, C <sub>17</sub> H <sub>16</sub> O <sub>6</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2019</b> , 234, 405-407	0.2	
82	Polyphenolic Composition and Hypotensive Effects of (Meyen) Cabrera in Rat. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	4
81	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> , <b>2019</b> , 8,	7.1	4

80	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> , <b>2019</b> , 31,	1.6	2
79	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> , <b>2018</b> , 115, 414-424	4.7	54
78	UHPLC-MS Metabolome Fingerprinting: The Isolation of Main Compounds and Antioxidant Activity of the Andean Species <i>Tetraglochin ameghinoi</i> (Speg.) Speg. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
77	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> , <b>2018</b> , 33, 936-944	5.6	9
76	Pecan nuts: A review of reported bioactivities and health effects. <i>Trends in Food Science and Technology</i> , <b>2018</b> , 71, 246-257	15.3	64
75	ABSOLUTE CONFIGURATION OF 18-ACETOXY-CIS-CLERODA-3,13E-DIEN-15-OIC ACID. <i>Journal of the Chilean Chemical Society</i> , <b>2018</b> , 63, 4086-4089	2.5	2
74	Chemical Composition and Antioxidant Activity of Aloe vera from the Pica Oasis (Tarapacá Chile) by UHPLC-Q/Orbitrap/MS/MS. <i>Journal of Chemistry</i> , <b>2018</b> , 2018, 1-12	2.3	26
73	Gastroprotective Activity of (Meyen), Cabrera from the Atacama Desert. <i>Molecules</i> , <b>2018</b> , 23,	4.8	5
72	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> , <b>2018</b> , 233, 61-64	0.2	2
71	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> , <b>2017</b> , 32, 153-168	5.6	109
70	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> , <b>2017</b> , 27, 179-187	2	15
69	Crystal structure of 11-(p-coumaroyloxy)-tremetone, C22H20O5. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2017</b> , 232, 13-14	0.2	3
68	Evaluation of antioxidant potential, enzyme inhibition activity and phenolic profile of <i>Lathyrus cicera</i> and <i>Lathyrus digitatus</i> : Potential sources of bioactive compounds for the food industry. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 609-619	4.7	49
67	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> , <b>2017</b> , 80, 967-973	2.1	17
66	High resolution UHPLC-MS characterization and isolation of main compounds from the antioxidant medicinal plant (Meyen). <i>Saudi Pharmaceutical Journal</i> , <b>2017</b> , 25, 1032-1039	4.4	22
65	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> , <b>2017</b> , 203, 163-170	5	19
64	Secondary Metabolite Profiling of Species of the Genus <i>Usnea</i> by UHPLC-ESI-OT-MS-MS. <i>Molecules</i> , <b>2017</b> , 23,	4.8	23
63	Rosmarinic acid prevents fibrillization and diminishes vibrational modes associated to ßsheet in tau protein linked to Alzheimer's disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 945-953	5.6	37

62	Crystal structure of 5,7,4?-trihydroxy-3,8,3?-trimethoxyflavone, C <sub>18</sub> H <sub>16</sub> O <sub>8</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2017</b> , 232, 245-247	0.2	
61	High Resolution UHPLC-MS Metabolomics and Sedative-Anxiolytic Effects of : A Mystic Plant used by Mapuche Amerindians. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 494	5.6	4
60	The Native Fruit Geoffroea decorticans from Arid Northern Chile: Phenolic Composition, Antioxidant Activities and In Vitro Inhibition of Pro-Inflammatory and Metabolic Syndrome-Associated Enzymes. <i>Molecules</i> , <b>2017</b> , 22,	4.8	18
59	Metabolomic Analysis of Two Parmotrema Lichens: P. robustum (Degel.) Hale and P. andinum (Mull. Arg.) Hale Using UHPLC-ESI-OT-MS-MS. <i>Molecules</i> , <b>2017</b> , 22,	4.8	17
58	Gastroprotective activity of synthetic coumarins: Role of endogenous prostaglandins, nitric oxide, non-protein sulphhydryls and vanilloid receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 5732-5735	2.9	7
57	Gastroprotective effects of new diterpenoid derivatives from Azorella cuatrecasatii Mathias & Constance obtained using a Cyclodextrin complex with microbial and chemical transformations. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 3220-3222	2.9	10
56	Isolation of cytotoxic diterpenoids from the Chilean medicinal plant Azorella compacta Phil from the Atacama Desert by high-speed counter-current chromatography. <i>Journal of the Science of Food and Agriculture</i> , <b>2016</b> , 96, 2832-8	4.3	18
55	Fast high resolution Orbitrap MS fingerprinting of the resin of Heliotropium taltalense Phil. from the Atacama Desert. <i>Industrial Crops and Products</i> , <b>2016</b> , 85, 159-166	5.9	22
54	Crystal structure of 3?,4?,5-trihydroxy-3,7-dimethoxyflavone, C <sub>17</sub> H <sub>14</sub> O <sub>7</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2016</b> , 231, 113-115	0.2	2
53	Secondary Metabolites in Ramalina terebrata Detected by UHPLC/ESI/MS/MS and Identification of Parietin as Tau Protein Inhibitor. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	34
52	Phenolic Compounds in Chilean Mistletoe (Quintral, Tristerix tetrandus) Analyzed by UHPLC-Q/Orbitrap/MS/MS and Its Antioxidant Properties. <i>Molecules</i> , <b>2016</b> , 21, 245	4.8	39
51	Fast Detection of Phenolic Compounds in Extracts of Easter Pears (Pyrus communis) from the Atacama Desert by Ultrahigh-Performance Liquid Chromatography and Mass Spectrometry (UHPLC-Q/Orbitrap/MS/MS). <i>Molecules</i> , <b>2016</b> , 21, 92	4.8	40
50	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, C <sub>21</sub> H <sub>34</sub> O <sub>3</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2016</b> , 231, 579-582	0.2	2
49	High resolution metabolite fingerprinting of the resin of Baccharis tola Phil. from the Atacama Desert and its antioxidant capacities. <i>Industrial Crops and Products</i> , <b>2016</b> , 94, 368-375	5.9	17
48	Fast isolation of cytotoxic compounds from the native Chilean species Gyothamnium pinifolium Phil. collected in the Atacama Desert, northern Chile. <i>Industrial Crops and Products</i> , <b>2015</b> , 76, 69-76	5.9	10
47	Gastroprotective activity of ent-beyerene derivatives in mice: Effects on gastric secretion, endogenous prostaglandins and non-protein sulphhydryls. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 2813-7	2.9	8
46	Seco-taondiol, an unusual meroterpenoid from the Chilean seaweed Styopodium flabelliforme and its gastroprotective effect in mouse model. <i>Marine Drugs</i> , <b>2015</b> , 13, 1726-38	6	10
45	Antioxidant Capacities and Analysis of Phenolic Compounds in Three Endemic Nolana Species by HPLC-PDA-ESI-MS. <i>Molecules</i> , <b>2015</b> , 20, 11490-507	4.8	73

44	Anthocyanins and antioxidant capacities of six Chilean berries by HPLC-HR-ESI-ToF-MS. <i>Food Chemistry</i> , <b>2015</b> , 176, 106-14	8.5	87
43	A NON-CENTROSYMMETRIC POLYMORPH OF 5-HYDROXY-7-METHOXY-2-PHENYLCHROMAN-4-ONE. <i>Journal of the Chilean Chemical Society</i> , <b>2015</b> , 60, 2864-2866	2.5	5
42	Further mulinane and azorellane diterpenoids isolated from <i>Mulinum crassifolium</i> and <i>Azorella compacta</i> . <i>Molecules</i> , <b>2014</b> , 19, 3898-908	4.8	14
41	Anthocyanin characterization, total phenolic quantification and antioxidant features of some Chilean edible berry extracts. <i>Molecules</i> , <b>2014</b> , 19, 10936-55	4.8	87
40	HPLC-UV-MS profiles of phenolic compounds and antioxidant activity of fruits from three citrus species consumed in Northern Chile. <i>Molecules</i> , <b>2014</b> , 19, 17400-21	4.8	181
39	Concise and straightforward asymmetric synthesis of a cyclic natural hydroxy-amino acid. <i>Molecules</i> , <b>2014</b> , 19, 19516-31	4.8	1
38	Crystal structure of 2-nor-1,2-secolycoserone, C <sub>24</sub> H <sub>32</sub> O <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , <b>2014</b> , 229, 399-400	0.2	3
37	A new mulinane diterpenoid from the cushion shrub <i>Azorella compacta</i> growing in Peru. <i>Pharmacognosy Magazine</i> , <b>2014</b> , 10, S543-8	0.8	9
36	An unusual mulinane diterpenoid from the Chilean plant <i>Azorella trifurcata</i> (Gaertn) Pers. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 6406-13	3.9	13
35	Antioxidant properties and hyphenated HPLC-PDA-MS profiling of Chilean Pica mango fruits ( <i>Mangifera indica</i> L. Cv. piqueñ). <i>Molecules</i> , <b>2013</b> , 19, 438-58	4.8	52
34	Asymmetric total synthesis of Tofacitinib. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 5096-5098	2	14
33	Further mulinane diterpenoids from <i>Azorella compacta</i> . <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1231-8	4.8	20
32	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> , <b>2013</b> , 18, 2061-80	4.8	73
31	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> , <b>2013</b> , 52, 288-297	4.7	24
30	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> , <b>2013</b> , 54, 532-543	4.4	35
29	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. chequñ</i> . <i>Food Chemistry</i> , <b>2013</b> , 139, 289-99	8.5	73
28	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> , <b>2013</b> , 18, 1672-92	4.8	102
27	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> , <b>2012</b> , 131, 318-327	8.5	42

26	Biological Activity of Isoflavonoids from <i>Azorella madreporica</i> . <i>Natural Product Communications</i> , <b>2012</b> , 7, 1934578X1200700	0.9	3
25	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> , <b>2012</b> , 44, 144-150	2.9	10
24	Supramolecular Host-Guest Asymmetric Induction In Organic Synthesis. <i>Current Organic Synthesis</i> , <b>2012</b> , 9, 279-309	1.9	4
23	4R,5-Dihydroxy-7-methoxy-flavanone dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o32-3		5
22	Biological activity of isoflavonoids from <i>Azorella madreporica</i> . <i>Natural Product Communications</i> , <b>2012</b> , 7, 1187-8	0.9	5
21	Anti-proliferative activity of meroditerpenoids isolated from the brown alga <i>Styopodium flabelliforme</i> against several cancer cell lines. <i>Marine Drugs</i> , <b>2011</b> , 9, 852-62	6	43
20	Short Total Synthesis of (-)-Lupinine and (-)-Epiquinamide by Double Mitsunobu Reaction. <i>Synthesis</i> , <b>2011</b> , 2011, 51-56	2.9	16
19	Gastroprotective activity of epitaondiol and sargaol. <i>Natural Product Communications</i> , <b>2011</b> , 6, 1073-4	0.9	8
18	Diterpenoids from <i>Azorella madreporica</i> and their antibacterial activity. <i>Planta Medica</i> , <b>2010</b> , 76, 1749-53	1.1	12
17	Stereostructure reassignment and absolute configuration of isoepitaondiol, a meroditerpenoid from <i>Styopodium flabelliforme</i> . <i>Journal of Natural Products</i> , <b>2010</b> , 73, 79-82	4.9	32
16	Enantiospecific synthesis of the sugar amino acid (2S,5S)-5-(aminomethyl)-tetrahydrofuran-2-carboxylic acid. <i>Tetrahedron: Asymmetry</i> , <b>2010</b> , 21, 2435-2440		4
15	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> , <b>2010</b> , 23, 545-553	4.1	99
14	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> , <b>2010</b> , 1217, 443-9	4.5	60
13	Triterpenoids from <i>Azorella trifurcata</i> (Gaertn.) Pers and their effect against the enzyme acetylcholinesterase. <i>Quimica Nova</i> , <b>2009</b> , 32, 2023-2025	1.6	10
12	The Morita-Baylis-Hillman reaction: insights into asymmetry and reaction mechanisms by electrospray ionization mass spectrometry. <i>Molecules</i> , <b>2009</b> , 14, 3989-4021	4.8	59
11	Comparison of phenolic composition and antioxidant properties of two native Chilean and one domestic strawberry genotypes. <i>Food Chemistry</i> , <b>2009</b> , 113, 377-385	8.5	81
10	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> , <b>2009</b> , 115, 775-784	8.5	67
9	An unusual halogenated meroditerpenoid from <i>Styopodium flabelliforme</i> : studies by NMR spectroscopic and computational methods. <i>Phytochemistry</i> , <b>2009</b> , 70, 1315-20	4	20



8	Gastroprotective activity of ferruginol in mice and rats: effects on gastric secretion, endogenous prostaglandins and non-protein sulphhydryls. <i>Journal of Pharmacy and Pharmacology</i> , <b>2008</b> , 60, 245-51	4.8	21
7	Microbial transformation of the diterpene mulin-11,13-dien-20-oic acid by <i>Mucor plumbeus</i> . <i>Magnetic Resonance in Chemistry</i> , <b>2008</b> , 46, 765-8	2.1	15
6	Cytotoxic chalcones and antioxidants from the fruits of a <i>Syzygium samarangense</i> (Wax Jambu). <i>Food Chemistry</i> , <b>2008</b> , 107, 813-819	8.5	79
5	Gastroprotective and cytotoxic effect of semisynthetic ferruginol derivatives. <i>Journal of Pharmacy and Pharmacology</i> , <b>2007</b> , 59, 289-300	4.8	16
4	New dammarane triterpenes from the aerial parts of <i>Ibicella lutea</i> grown in Argentina. <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1586-92	4.9	11
3	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> , <b>2001</b> , 15, 529-31	6.7	15
2	Diterpenes from <i>Laennecia sophiifolia</i> . <i>Phytochemistry</i> , <b>2000</b> , 55, 721-6	4	15
1	Phytochemical Study <i>Conyza Sophiaefolia</i> . Antiinflammatory Activity. <i>Molecules</i> , <b>2000</b> , 5, 605-607	4.8	1