Jorge BÃ³rquez

List of Publications by Year
in descending order

60 papers	1,154 citations	361413 20 h-index	414414 32 g-index
60 all docs	60 docs citations	60 times ranked	1194 citing authors

#	Article	IF	Citations
1	The Passiflora tripartita (Banana Passion) Fruit: A Source of Bioactive Flavonoid C-Glycosides Isolated by HSCCC and Characterized by HPLCâ€“DADâ€“ESI/MS/MS. Molecules, 2013, 18, 1672-1692.	3.8	127
2	Antioxidant capacity, polyphenolic content and tandem HPLCâ€“DADâ€“ESI/MS profiling of phenolic compounds from the South American berries Luma apiculata and L. chequÃ©n. Food Chemistry, 2013, 139, 289-299.	8.2	85
3	Diterpenoids from Azorella yareta and their trichomonicidal activities. Phytochemistry, 2001, 56, 177-180.	2.9	51
4	Chemical Composition and Antioxidant Activity of Aloe vera from the Pica Oasis (TarapacÃ¡) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	49
5	Fast Detection of Phenolic Compounds in Extracts of Easter Pears (Pyrus communis) from the Atacama Desert by Ultrahigh-Performance Liquid Chromatography and Mass Spectrometry (UHPLCâ€“Q/Orbitrap/MS/MS). Molecules, 2016, 21, 92.	3.8	48
6	Mulinane-type diterpenoids from Azorella compacta display antiplasmodial activity. Phytochemistry, 2004, 65, 1931-1935.	2.9	43
7	Diterpenoids from Azorella compacta. Phytochemistry, 1997, 44, 649-651.	2.9	38
8	Diterpenoids from Azorella compacta (Umbelliferae) active on Trypanosoma cruzi. Memorias Do Instituto Oswaldo Cruz, 2003, 98, 413-418.	1.6	37
9	Antituberculosis activity of natural and semisynthetic azorellane and mulinane diterpenoids. FÃ¬toterapÃ¬Ã¢, 2010, 81, 50-54.	2.2	35
10	Mulinol, A diterpenoid from Azorella compacta. Phytochemistry, 1997, 45, 1465-1467.	2.9	33
11	Pharmaco-toxicological study of diterpenoids. Bioorganic and Medicinal Chemistry, 2003, 11, 1187-1190.	3.0	33
12	Mulinolic acid, a diterpenoid from Mulinum crassifolium. Phytochemistry, 1996, 43, 165-168.	2.9	32
13	High resolution UHPLC-MS characterization and isolation of main compounds from the antioxidant medicinal plant Parastrephia lucida (Meyen). Saudi Pharmaceutical Journal, 2017, 25, 1032-1039.	2.7	28
14	Fast high resolution Orbitrap MS fingerprinting of the resin of Heliotropium taltalense Phil. from the Atacama Desert. Industrial Crops and Products, 2016, 85, 159-166.	5.2	27
15	Activity guided isolation of isoflavones and hyphenated HPLC-PDA-ESI-ToF-MS metabolome profiling of Azorella madreporica Clos. from northern Chile. Food Research International, 2013, 52, 288-297.	6.2	24
16	High resolution metabolite fingerprinting of the resin of Baccharis tola Phil. from the Atacama Desert and its antioxidant capacities. Industrial Crops and Products, 2016, 94, 368-375.	5.2	23
17	Chemical Profiling, Antioxidant, Anticholinesterase, and Antiprotozoal Potentials of Artemisia copa Phil. (Asteraceae). Frontiers in Pharmacology, 2020, 11, 594174.	3.5	23
18	11,12-EPOXY-MULIN-13-EN-20-OIC acid, a diterpenoid from azorella compacta. Phytochemistry, 1998, 49, 1091-1093.	2.9	22

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19	Antituberculosis activity of alkylated mulinane diterpenoids. FÃ¬toterapÃ¬Ã¢, 2010, 81, 219-222.	2.2	22
20	Effect of Azorellanone, a Diterpene From Azorella yareta Hauman, on Human Sperm Physiology. Journal of Andrology, 2003, 24, 364-370.	2.0	20
21	Bioactive metabolites from the Andean flora. Antituberculosis activity of natural and semisynthetic azorellane and mulinane diterpenoids. Phytochemistry Reviews, 2010, 9, 271-278.	6.5	20
22	Isolation of cytotoxic diterpenoids from the Chilean medicinal plantAzorella compactaPhil from the Atacama Desert by high-speed counter-current chromatography. Journal of the Science of Food and Agriculture, 2016, 96, 2832-2838.	3.5	20
23	Yaretol, a Norditerpenoid from Azorella madreporica. Journal of Natural Products, 2002, 65, 1678-1680.	3.0	19
24	Madreporanone, a unique diterpene with a novel skeleton from Azorella madreporica. Tetrahedron Letters, 2002, 43, 6359-6362.	1.4	17
25	In vitro growth inhibition and bactericidal activity of spathulenol against drug-resistant clinical isolates of Mycobacterium tuberculosis. Revista Brasileira De Farmacognosia, 2019, 29, 798-800.	1.4	17
26	Mulinane-type diterpenoids from Laretia acaulis. Phytochemistry, 2000, 53, 961-963.	2.9	16
27	UHPLC high resolution orbitrap metabolomic fingerprinting of the unique species Ophryosporus triangularis Meyen from the Atacama Desert, Northern Chile. Revista Brasileira De Farmacognosia, 2017, 27, 179-187.	1.4	16
28	Further Mulinane and Azorellane Diterpenoids Isolated from Mulinum crassifolium and Azorella compacta. Molecules, 2014, 19, 3898-3908.	3.8	15
29	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. Antioxidants, 2021, 10, 1230.	5.1	15
30	Chemical Fingerprinting, Isolation and Characterization of Polyphenol Compounds from Heliotropium taltalense (Phil.) I.M. Johnst and Its Endothelium-Dependent Vascular Relaxation Effect in Rat Aorta. Molecules, 2020, 25, 3105.	3.8	14
31	Diterpenoids fromAzorella madreporicaand Their Antibacterial Activity. Planta Medica, 2010, 76, 1749-1751.	1.3	13
32	Oleic Acid Produced by a Marine Vibrio spp. Acts as an Anti-Vibrio parahaemolyticus Agent. Marine Drugs, 2011, 9, 2155-2163.	4.6	12
33	Fast isolation of cytotoxic compounds from the native Chilean species Gypothamnium pinifolium Phil. collected in the Atacama Desert, northern Chile. Industrial Crops and Products, 2015, 76, 69-76.	5.2	12
34	Metabolomic Profiling of Mango (Mangifera indica Linn) Leaf Extract and Its Intestinal Protective Effect and Antioxidant Activity in Different Biological Models. Molecules, 2020, 25, 5149.	3.8	12
35	Corryocactus brevistylus (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. Frontiers in Pharmacology, 2020, 11, 417.	3.5	12
36	Biomass production and secondary metabolite identification in callus cultures of Coryphantha macromeris (Engelm.) Britton & Rose (Cactaceae), a traditional medicinal plant. South African Journal of Botany, 2021, 137, 1-9.	2.5	12

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37	UHPLC-MS Metabolome Fingerprinting: The Isolation of Main Compounds and Antioxidant Activity of the Andean Species Tetraglochin ameghinoi (Speg.) Speg.. Molecules, 2018, 23, 793.	3.8	10
38	UHPLCâ€“Q/Orbitrap/MS/MS Fingerprinting, Free Radical Scavenging, and Antimicrobial Activity of Tessaria absinthiodes (Hook. & Arn.) DC. (Asteraceae) Lyophilized Decoction from Argentina and Chile. Antioxidants, 2019, 8, 593.	5.1	10
39	Antifungal activity of phytotherapeutic preparation of Baccharis species from argentine Puna against clinically relevant fungi.. Journal of Ethnopharmacology, 2020, 251, 112553.	4.1	10
40	UHPLCâ€“Q/Orbitrap/MS/MS fingerprinting and antitumoral effects of Prosopis strombulifera (LAM.) BENTH. queous extract on allograft colorectal and melanoma cancer models. Heliyon, 2020, 6, e03353.	3.2	9
41	UHPLC-ESI-OT-MS Phenolics Profiling, Free Radical Scavenging, Antibacterial and Nematicidal Activities of â€œYellow-Brown Resinsâ€•from Larrea spp.. Antioxidants, 2021, 10, 185.	5.1	8
42	UHPLC-HESI-OT-MS-MS Biomolecules Profiling, Antioxidant and Antibacterial Activity of the â€œOrange-Yellow Resinâ€•from Zuccagnia punctata Cav.. Antioxidants, 2020, 9, 123.	5.1	7
43	Polyphenolic Composition and Hypotensive Effects of Parastrephia quadrangularis (Meyen) Cabrera in Rat. Antioxidants, 2019, 8, 591.	5.1	6
44	Mulinane- and Azorellane-Type Diterpenoids: A Systematic Review of Their Biosynthesis, Chemistry, and Pharmacology. Biomolecules, 2020, 10, 1333.	4.0	6
45	Fast Isolation of Flavonoids from the Endemic Species Nolana ramosissima I.M. Johnst and Its Endothelium-Independent Relaxation Effect in Rat Aorta. Molecules, 2020, 25, 520.	3.8	6
46	Diterpenoids from Haplopappus rigidus. Phytochemistry, 2000, 55, 863-866.	2.9	5
47	High Resolution UHPLC-MS Metabolomics and Sedative-Anxiolytic Effects of Latua pubiflora: A Mystic Plant used by Mapuche Amerindians. Frontiers in Pharmacology, 2017, 8, 494.	3.5	5
48	Flourensia fiebrigii S.F. blake: A medicinal plant from the Argentinean highlands with potential use as anti-rheumatic and anti-inflammatory. Journal of Ethnopharmacology, 2021, 264, 113296.	4.1	5
49	4â€²,5-Dihydroxy-7-methoxyflavanone dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o32-o33.	0.2	5
50	Aqueous Dried Extract of Skytanthus acutus Meyen as Corrosion Inhibitor of Carbon Steel in Neutral Chloride Solutions. Metals, 2021, 11, 1992.	2.3	5
51	Biotransformation of a mulinane diterpenoid by Aspergillus alliaceus and Mucor circinelloides. Biocatalysis and Biotransformation, 2020, 38, 1-6.	2.0	4
52	Phenolic Profile, Antioxidant and Enzyme Inhibition Properties of the Chilean Endemic Plant Ovidia pillopillo (Gay) Meissner (Thymelaeaceae). Metabolites, 2022, 12, 90.	2.9	4
53	Constituents of Chersodoma Jodopappa. Journal of Natural Products, 1986, 49, 1140-1141.	3.0	2
54	Methyl 5a-acetoxymethyl-3-isopropyl-8-methyl-1,2,3,3a,4,5,5a,6,7,10,10a,10b-dodecahydro-7,10-endo-epidioxycyclohepta[e]inden-3a-carboxyla Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1209-o1209.	0.2	2

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55	An orthorhombic polymorph of mulinic acid. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o331-o332.	0.2	1
56	(3S,3aS,5aS,7S,8S,10aS,10bR)-7,8-Dihydroxy-3-isopropyl-5a,8-dimethyl-2,3,4,5,5a,6,7,8,10a,10b-decahydrocyclohepta[e]indene-3a(1H)-acid. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1348-o1349.	0.2	1
57	Activity of Semi-Synthetic Mulinanes against MDR, Pre-XDR, and XDR Strains of Mycobacterium tuberculosis. Metabolites, 2021, 11, 876.	2.9	1
58	17-Acetoxymulinic acid. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2452-o2453.	0.2	0
59	Aromaticine, a sesquiterpene lactone fromAmblyopappus pusillus. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o529-o529.	0.2	0
60	(1R,3aR,5aS,6S,8aR,8bR,9aS)-1-Hydroxy-6-isopropyl-1,3a,5a-trimethylperhydrocyclopenta[a]cyclopropa[i]naphthalen-4-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o356-o357.	0.2	0