

Jorge BÃ³rquez

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,154
citations

361413

20
h-index

414414

32
g-index

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all docs

60
docs citations

60
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic Profile, Antioxidant and Enzyme Inhibition Properties of the Chilean Endemic Plant <i>Ovidia pillopillo</i> (Gay) Meissner (Thymelaeaceae). <i>Metabolites</i> , 2022, 12, 90.	2.9	4
2	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.	2.5	12
3	<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.	4.1	5
4	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, 1230.	5.1	15
5	UHPLC-ESI-OT-MS Phenolics Profiling, Free Radical Scavenging, Antibacterial and Nematicidal Activities of "Yellow-Brown Resins" from <i>Larrea</i> spp.. <i>Antioxidants</i> , 2021, 10, 185.	5.1	8
6	Aqueous Dried Extract of <i>Skytanthus acutus</i> Meyen as Corrosion Inhibitor of Carbon Steel in Neutral Chloride Solutions. <i>Metals</i> , 2021, 11, 1992.	2.3	5
7	Activity of Semi-Synthetic Mulinanes against MDR, Pre-XDR, and XDR Strains of <i>Mycobacterium tuberculosis</i> . <i>Metabolites</i> , 2021, 11, 876.	2.9	1
8	Biotransformation of a mulinane diterpenoid by <i>Aspergillus alliaceus</i> and <i>Mucor circinelloides</i> . <i>Biocatalysis and Biotransformation</i> , 2020, 38, 1-6.	2.0	4
9	Antifungal activity of phytotherapeutic preparation of <i>Baccharis</i> species from Argentine Puna against clinically relevant fungi.. <i>Journal of Ethnopharmacology</i> , 2020, 251, 112553.	4.1	10
10	Mulinane- and Azorellane-Type Diterpenoids: A Systematic Review of Their Biosynthesis, Chemistry, and Pharmacology. <i>Biomolecules</i> , 2020, 10, 1333.	4.0	6
11	Metabolomic Profiling of Mango (<i>Mangifera indica</i> Linn) Leaf Extract and Its Intestinal Protective Effect and Antioxidant Activity in Different Biological Models. <i>Molecules</i> , 2020, 25, 5149.	3.8	12
12	Chemical Profiling, Antioxidant, Anticholinesterase, and Antiprotozoal Potentials of <i>Artemisia copa</i> Phil. (Asteraceae). <i>Frontiers in Pharmacology</i> , 2020, 11, 594174.	3.5	23
13	Chemical Fingerprinting, Isolation and Characterization of Polyphenol Compounds from <i>Heliotropium taltalense</i> (Phil.) I.M. Johnston and Its Endothelium-Dependent Vascular Relaxation Effect in Rat Aorta. <i>Molecules</i> , 2020, 25, 3105.	3.8	14
14	UHPLC-Q/Orbitrap/MS/MS fingerprinting and antitumoral effects of <i>Prosopis strombulifera</i> (LAM.) BENTH. aqueous extract on allograft colorectal and melanoma cancer models. <i>Heliyon</i> , 2020, 6, e03353.	3.2	9
15	Fast Isolation of Flavonoids from the Endemic Species <i>Nolana ramosissima</i> I.M. Johnston and Its Endothelium-Independent Relaxation Effect in Rat Aorta. <i>Molecules</i> , 2020, 25, 520.	3.8	6
16	UHPLC-HESI-OT-MS-MS Biomolecules Profiling, Antioxidant and Antibacterial Activity of the "Orange-Yellow Resin" from <i>Zuccagnia punctata</i> Cav.. <i>Antioxidants</i> , 2020, 9, 123.	5.1	7
17	<i>Corryocactus brevistylus</i> (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.	3.5	12
18	In vitro growth inhibition and bactericidal activity of spathulenol against drug-resistant clinical isolates of <i>Mycobacterium tuberculosis</i> . <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 798-800.	1.4	17

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19	Polyphenolic Composition and Hypotensive Effects of <i>Parastrephia quadrangularis</i> (Meyen) Cabrera in Rat. <i>Antioxidants</i> , 2019, 8, 591.	5.1	6
20	UHPLC-Q/Orbitrap/MS/MS Fingerprinting, Free Radical Scavenging, and Antimicrobial Activity of <i>Tessaria absinthiodes</i> (Hook. & Arn.) DC. (Asteraceae) Lyophilized Decoction from Argentina and Chile. <i>Antioxidants</i> , 2019, 8, 593.	5.1	10
21	Chemical Composition and Antioxidant Activity of <i>Aloe vera</i> from the Pica Oasis (TarapacÃ¡), Tj ETQq1 1 0.784314 rgBT/Overlaid	1.9	49
22	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> , 2018, 23, 793.	3.8	10
23	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.	1.4	16
24	High resolution UHPLC-MS characterization and isolation of main compounds from the antioxidant medicinal plant <i>Parastrephia lucida</i> (Meyen). <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 1032-1039.	2.7	28
25	High Resolution UHPLC-MS Metabolomics and Sedative-Anxiolytic Effects of <i>Latua pubiflora</i> : A Mystic Plant used by Mapuche Amerindians. <i>Frontiers in Pharmacology</i> , 2017, 8, 494.	3.5	5
26	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.	3.8	48
27	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.	5.2	23
28	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, 2832-2838.	3.5	20
29	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.	5.2	27
30	Fast isolation of cytotoxic compounds from the native Chilean species <i>Gypothamnium pinifolium</i> Phil. collected in the Atacama Desert, northern Chile. <i>Industrial Crops and Products</i> , 2015, 76, 69-76.	5.2	12
31	Further Mulinane and Azorellane Diterpenoids Isolated from <i>Mulinum crassifolium</i> and <i>Azorella compacta</i> . <i>Molecules</i> , 2014, 19, 3898-3908.	3.8	15
32	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.	6.2	24
33	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. chequÃ©n</i> . <i>Food Chemistry</i> , 2013, 139, 289-299.	8.2	85
34	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, 1672-1692.	3.8	127
35	4,5-Dihydroxy-7-methoxyflavanone dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o32-o33.	0.2	5
36	Oleic Acid Produced by a Marine <i>Vibrio</i> spp. Acts as an Anti- <i>Vibrio parahaemolyticus</i> Agent. <i>Marine Drugs</i> , 2011, 9, 2155-2163.	4.6	12

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37	Bioactive metabolites from the Andean flora. Antituberculosis activity of natural and semisynthetic azorellane and mulinane diterpenoids. <i>Phytochemistry Reviews</i> , 2010, 9, 271-278.	6.5	20
38	Antituberculosis activity of natural and semisynthetic azorellane and mulinane diterpenoids. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 50-54.	2.2	35
39	Antituberculosis activity of alkylated mulinane diterpenoids. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 219-222.	2.2	22
40	17-Acetoxyulinic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2452-o2453.	0.2	0
41	Diterpenoids from <i>Azorella madreporica</i> and Their Antibacterial Activity. <i>Planta Medica</i> , 2010, 76, 1749-1751.	1.3	13
42	An orthorhombic polymorph of mulinic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o331-o332.	0.2	1
43	(1R,3aR,5aS,6S,8aR,8bR,9aS)-1-Hydroxy-6-isopropyl-1,3a,5a-trimethylperhydrocyclopenta[a]cyclopropa[i]naphthalen-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o356-o357.	0.2	0
44	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]indene-3a-carboxylic acid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1209-o1209.	0.2	0
45	Aromaticine, a sesquiterpene lactone from <i>Amblyopappus pusillus</i> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o529-o529.	0.2	0
46	(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. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1348-o1349.	0.2	1
47	Mulinane-type diterpenoids from <i>Azorella compacta</i> display antiplasmodial activity. <i>Phytochemistry</i> , 2004, 65, 1931-1935.	2.9	43
48	Pharmaco-toxicological study of diterpenoids. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1187-1190.	3.0	33
49	Effect of Azorellanone, a Diterpene From <i>Azorella yareta</i> Hauman, on Human Sperm Physiology. <i>Journal of Andrology</i> , 2003, 24, 364-370.	2.0	20
50	Diterpenoids from <i>Azorella compacta</i> (Umbelliferae) active on <i>Trypanosoma cruzi</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2003, 98, 413-418.	1.6	37
51	Yaretol, a Norditerpenoid from <i>Azorella madreporica</i> . <i>Journal of Natural Products</i> , 2002, 65, 1678-1680.	3.0	19
52	Madreporanone, a unique diterpene with a novel skeleton from <i>Azorella madreporica</i> . <i>Tetrahedron Letters</i> , 2002, 43, 6359-6362.	1.4	17
53	Diterpenoids from <i>Azorella yareta</i> and their trichomonocidal activities. <i>Phytochemistry</i> , 2001, 56, 177-180.	2.9	51
54	Mulinane-type diterpenoids from <i>Laretia acaulis</i> . <i>Phytochemistry</i> , 2000, 53, 961-963.	2.9	16

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55	Diterpenoids from <i>Haplopappus rigidus</i> . <i>Phytochemistry</i> , 2000, 55, 863-866.	2.9	5
56	11,12-EPOXY-MULIN-13-EN-20-OIC acid, a diterpenoid from <i>azorella compacta</i> . <i>Phytochemistry</i> , 1998, 49, 1091-1093.	2.9	22
57	Diterpenoids from <i>Azorella compacta</i> . <i>Phytochemistry</i> , 1997, 44, 649-651.	2.9	38
58	Mulinol, A diterpenoid from <i>Azorella compacta</i> . <i>Phytochemistry</i> , 1997, 45, 1465-1467.	2.9	33
59	Mulinolic acid, a diterpenoid from <i>Mulinum crassifolium</i> . <i>Phytochemistry</i> , 1996, 43, 165-168.	2.9	32
60	Constituents of <i>Chersodoma Jodopappa</i> . <i>Journal of Natural Products</i> , 1986, 49, 1140-1141.	3.0	2