Julio Benites

List of Publications by Year in descending order

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65 papers	960 citations	516710 16 h-index	501196 28 g-index
72 all docs	72 docs citations	72 times ranked	1448 citing authors

#	Article	IF	Citations
1	Biological evaluation of donor-acceptor aminonaphthoquinones as antitumor agents. European Journal of Medicinal Chemistry, 2010, 45, 6052-6057.	5.5	101
2	Antioxidant Capacities and Analysis of Phenolic Compounds in Three Endemic Nolana Species by HPLC-PDA-ESI-MS. Molecules, 2015, 20, 11490-11507.	3.8	100
3	Redox-Active Quinones and Ascorbate: An Innovative Cancer Therapy That Exploits the Vulnerability of Cancer Cells to Oxidative Stress. Anti-Cancer Agents in Medicinal Chemistry, 2011, 11, 213-221.	1.7	58
4	Mild and rapid method for the generation of o-quinone methide intermediates. Synthesis of puupehedione analogues. Tetrahedron, 2006, 62, 6012-6017.	1.9	39
5	Time Course of Endocrine Changes in the Hypophysis-Gonad Axis Induced by Hypobaric Hypoxia in Male Rats. Journal of Reproduction and Development, 2008, 54, 18-21.	1.4	39
6	The solar-chemical photo-Friedelâ€“Crafts heteroacylation of 1,4-quinones. Tetrahedron Letters, 2011, 52, 609-611.	1.4	36
7	Studies on Quinones. Part 38: synthesis and leishmanicidal activity of sesquiterpene 1,4-Quinones. Bioorganic and Medicinal Chemistry, 2003, 11, 4713-4718.	3.0	30
8	COMPOSITION AND BIOLOGICAL ACTIVITY OF THE ESSENTIAL OIL OF PERUVIAN LANTANA CAMARA. Journal of the Chilean Chemical Society, 2009, 54, .	1.2	29
9	DNA Damage and Inhibition of Akt Pathway in MCF-7 Cells and Ehrlich Tumor in Mice Treated with 1,4-Naphthoquinones in Combination with Ascorbate. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-10.	4.0	29
10	Studies on quinones. Part 35: Access to antiprotozoal active euryfurylquinones and hydroquinones. Tetrahedron, 2002, 58, 881-886.	1.9	28
11	Studies on quinones. Part 47. Synthesis of novel phenylaminophenanthridinequinones as potential antitumor agents. European Journal of Medicinal Chemistry, 2011, 46, 3398-3409.	5.5	28
12	Studies on quinones. Part 42: Synthesis of furylquinone and hydroquinones with antiproliferative activity against human tumor cell lines. Bioorganic and Medicinal Chemistry, 2008, 16, 862-868.	3.0	27
13	Synthesis and Cytotoxic Activity on Human Cancer Cells of Novel Isoquinolinequinoneâ€“Amino Acid Derivatives. Molecules, 2016, 21, 1199.	3.8	25
14	Metabolomic Analysis of the Lichen Everniopsis trulla Using Ultra High Performance Liquid Chromatography-Quadrupole-Orbitrap Mass Spectrometry (UHPLC-Q-OT-MS). Chromatographia, 2017, 80, 967-973.	1.3	23
15	Eco-Friendly Synthesis and Antiproliferative Evaluation of Some Oxygen Substituted Diaryl Ketones. Molecules, 2013, 18, 9818-9832.	3.8	20
16	InÂvivo inhibition of tumor progression by 5 hydroxy-1,4-naphthoquinone (juglone) and 2-(4-hydroxyanilino)-1,4-naphthoquinone (Q7) in combination with ascorbate. Biochemical and Biophysical Research Communications, 2016, 477, 640-646.	2.1	18
17	Synthesis and Antitumor Evaluation of 6-Aryl-substituted benzo[j]phenanthridine- and Benzo[g]pyrimido[4,5-c]isoquinolinequinones. Molecules, 2012, 17, 11616-11629.	3.8	17
18	Biological Evaluation of 3-Acyl-2-Arylamino-1,4-Naphthoquinones as Inhibitors of Hsp90 Chaperoning Function. Current Topics in Medicinal Chemistry, 2012, 12, 2094-2102.	2.1	15

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19	Part 1: Effect of vitamin C on the biological activity of two euryfurylbenzoquinones on TLT, a murine hepatoma cell line. European Journal of Medicinal Chemistry, 2008, 43, 1813-1817.	5.5	14
20	Seco-Taondiol, an Unusual Meroterpenoid from the Chilean Seaweed Stypopodium flabelliforme and Its Gastroprotective Effect in Mouse Model. Marine Drugs, 2015, 13, 1726-1738.	4.6	13
21	Binding of dihydroxynaphthyl aryl ketones to tubulin colchicine site inhibits microtubule assembly. Biochemical and Biophysical Research Communications, 2015, 466, 418-425.	2.1	13
22	Substituted 3-acyl-2-phenylamino-1,4-naphthoquinones intercalate into DNA and cause genotoxicity through the increased generation of reactive oxygen species culminating in cell death. Molecular Medicine Reports, 2014, 10, 405-410.	2.4	12
23	Synthetic approaches and in vitro cytotoxic evaluation of 2-acyl-3-(3,4,5-trimethoxyanilino)-1,4-naphthoquinones. RSC Advances, 2017, 7, 24813-24821.	3.6	12
24	Evaluation of analgesic activities of tremetone derivatives isolated from the Chilean altiplano medicine Parastrephia lepidophylla. Natural Product Communications, 2012, 7, 611-4.	0.5	12
25	COMPOSITION AND ANTIMICROBIAL SCREENING OF THE ESSENTIAL OIL FROM THE LEAVES AND STEMS OF Senecio atacamensis Phil. FROM CHILE. Journal of the Chilean Chemical Society, 2011, 56, 712-714.	1.2	11
26	Hetero-annulation reaction between 2-acylnaphthoquinones and 2-aminobenzothiazoles. A new synthetic route to antiproliferative benzo[g]benzothiazolo[2,3-b]quinazoline-7,12-quinones. Tetrahedron Letters, 2015, 56, 5103-5105.	1.4	11
27	DEVELOPMENT AND VALIDATION OF A SOLID-PHASE EXTRACTION GAS CHROMATOGRAPHY-MASS SPECTROMETRY METHOD FOR THE SIMULTANEOUS QUANTIFICATION OF OPIOID DRUGS IN HUMAN WHOLE BLOOD AND PLASMA. Journal of the Chilean Chemical Society, 2011, 56, 799-802.	1.2	11
28	Composition and Antimicrobial Screening of the Essential Oil ofAcantholippia deserticola(Phil.ex F.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	10
29	Evaluation of Analgesic Activities of Tremetone Derivatives Isolated from the Chilean Altiplano Medicine Parastrephia lepidophylla. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	10
30	Synthesis, Half-Wave Potentials and Antiproliferative Activity of 1-Aryl-substituted Aminoisoquinolinequinones. Molecules, 2014, 19, 726-739.	3.8	10
31	A Review of the Actions of Endogenous and Exogenous Vasoactive Substances during the Estrous Cycle and Pregnancy in Rats. Animals, 2019, 9, 288.	2.3	10
32	Inhibition of Escherichia coli and Bacillus subtilis FtsZ Polymerization and Bacillus subtilis Growth by Dihydroxynaphtyl Aryl Ketones. Frontiers in Microbiology, 2019, 10, 1225.	3.5	10
33	An in vitro comparative study with furyl-1,4-quinones endowed with anticancer activities. Investigational New Drugs, 2011, 29, 760-767.	2.6	9
34	Targeting Akt as strategy to kill cancer cells using 3-substituted 5-anilinobenzo[c]isoxazolequinones: A preliminary study. Biomedicine and Pharmacotherapy, 2018, 97, 778-783.	5.6	9
35	CONVERSION OF (+)-CONFERTIFOLIN INTO 11,12-BISNORDRIMAN-9-ONE AND (+)-8Î±H,9Î±H-11,12-DIACETOXYDRIMANE*. Synthetic Communications, 2001, 31, 1347-1354.	2.1	8
36	Part 2: Influence of 2-Euryfuryl-1,4-naphthoquinone and Its peri-Hydroxy Derivatives on Both Cell Death and Metabolism of TLT Cells, a Murine Hepatoma Cell Line. Modulation of Cytotoxicity by Vitamin C. Chemical and Pharmaceutical Bulletin, 2009, 57, 615-619.	1.3	8

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37	Gastroprotective activity of ent-beyerene derivatives in mice: Effects on gastric secretion, endogenous prostaglandins and non-protein sulfhydryls. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2813-2817.	2.2	8
38	DEVELOPMENT AND VALIDATION OF A GC-NPD/micro-ECD METHOD USING DUAL COLUMN FOR THE DETERMINATION OF BENZODIAZEPINE IN HUMAN WHOLE BLOOD AND PLASMA. Journal of the Chilean Chemical Society, 2010, 55, 454-457.	1.2	7
39	Regiospecific Michael reaction of (+)-euryfuran with activated 1,4-benzoquinones. Tetrahedron Letters, 2000, 41, 3563-3566.	1.4	6
40	Synthesis and in vitro antiproliferative evaluation of 3-acyl-2-arylamino-1,4-naphthoquinones. Medicinal Chemistry Research, 2014, 23, 4149-4155.	2.4	6
41	ANTIPROLIFERATIVE ACTIVITY OF NEW 6-BROMINE DERIVATIVES OF 7-ANILINO-1-ARYLISOQUINOLINEQUINONES. Journal of the Chilean Chemical Society, 2016, 61, 3191-3194.	1.2	6
42	Inhibition of cancer cell growth and migration by dihydroxynaphthyl aryl ketones. Molecular and Cellular Toxicology, 2016, 12, 237-242.	1.7	6
43	Access to New Cytotoxic Quinone-Amino Acid Conjugates Linked through A Vinylic Spacer from 2-Acylnaphthoquinones and Methyl 3-Aminocrotonate. Molecules, 2017, 22, 2281.	3.8	6
44	Effects of two bisbenzylisoquinoline alkaloids, Antioquine and Tetrandrine, compared to Verapamil in Rat Thoracic Aorta. Anais Da Academia Brasileira De Ciencias, 2018, 90, 1459-1463.	0.8	6
45	In VitroInhibition ofHelicobacter pyloriGrowth by Redox Cycling Phenylaminojuglones. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	4.0	6
46	Modulatory Effect of 2-(4-Hydroxyphenyl)amino-1,4-naphthoquinone on Endothelial Vasodilation in Rat Aorta. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12.	4.0	5
47	Valeriana pilosa Roots Essential Oil: Chemical Composition, Antioxidant Activities, and Molecular Docking Studies on Enzymes Involved in Redox Biological Processes. Antioxidants, 2022, 11, 1337.	5.1	5
48	New cyclic acetals related to Ambergris and their olfactory evaluation. Journal of Chemical Research, 2006, 2006, 649-650.	1.3	4
49	Ascorbate Attenuates Oxidative Stress and Increased Blood Pressure Induced by 2-(4-Hydroxyphenyl) Amino-1,4-naphthoquinone in Rats. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-11.	4.0	4
50	Half-Wave Potentials and In Vitro Cytotoxic Evaluation of 3-Acylated 2,5-Bis(phenylamino)-1,4-benzoquinones on Cancer Cells. Molecules, 2019, 24, 1780.	3.8	4
51	In Vitro Inhibition of Hsp90 Protein by Benzothiazoloquinazolinequinones Is Enhanced in The Presence of Ascorbate. A Preliminary In Vivo Antiproliferative Study. Molecules, 2020, 25, 953.	3.8	4
52	Oxidative phenylamination of 5-substituted 1-hydroxynaphthalenes to N-phenyl-1,4-naphthoquinone monoimines by air and light â€œon waterâ€• Beilstein Journal of Organic Chemistry, 2014, 10, 2448-2452.	2.2	3
53	Crystal structure of 11-(p-coumaroyloxy)-tremetone, C₂₂H₂₀O₅. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 13-14.	0.3	3
54	New 2-Acetyl-3-aminophenyl-1,4-naphthoquinones: Synthesis andIn VitroAntiproliferative Activities on Breast and Prostate Human Cancer Cells. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	4.0	3

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55	VALIDATION OF A METHOD TO DETECT CENTRAL NERVOUS SYSTEM ACTING DRUGS IN BLOOD BY GC/MS. APPLICATION IN CASES OF DEATH CAUSED BY PHENOTHIAZINES IN THE NORTH OF CHILE. Journal of the Chilean Chemical Society, 2014, 59, 2603-2605.	1.2	3
56	Antifungal Activity and In Silico Studies on 2-Acylated Benzo- and Naphthohydroquinones. Molecules, 2022, 27, 3035.	3.8	3
57	THE PREPARATION OF OXYGENATED DERIVATIVES OF AMBROX AND ISOAMBROX FROM DRIMENOL. Journal of the Chilean Chemical Society, 2006, 51, 979.	1.2	2
58	Impact of the Potential Antitumor Agent 2-(4-Hydroxyphenyl) Amino-1,4-Naphthoquinone (Q7) on Vasomotion Is Mediated by the Vascular Endothelium, But Not Vascular Smooth Muscle Cell Metabolism. Journal of Cardiovascular Pharmacology, 2021, 77, 245-252.	1.9	2
59	VALIDATION OF A METHOD TO DETECT COCAINE AND BENZOYLECGONINE IN HUMAN WHOLE BLOOD BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY AND APPLICATION IN BODY PACKERS AND STUFFERS CASES IN THE NORTH OF CHILE. Journal of the Chilean Chemical Society, 2012, 57, 1253-1255.	1.2	1
60	FORENSIC CASES IN THE NORTH OF CHILE: DETERMINATION OF ANTIDEPRESSANT DRUGS IN HUMAN WHOLE BLOOD. Journal of the Chilean Chemical Society, 2013, 58, 1733-1736.	1.2	1
61	Potential antioxidant effect of fruit peels for human use from northern Peru, compared by 5 different methods. Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas, 2021, 20, 611-637.	0.5	1
62	Crystal structure of (2,5-dihydroxyphenyl)-(4-hydroxy-3,5-dimethoxyphenyl)methanone, C15H14O6. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 205-206.	0.3	0
63	CRYSTAL STRUCTURE OF (1,4-DIHYDROXYNAPHTHALEN-2-YL) (4'-METHOXYPHENYL) METHANONE. Journal of the Chilean Chemical Society, 2016, 61, 3150-3151.	1.2	0
64	Crystal structure of (2,5-dihydroxyphenyl)-(4-methoxyphenyl)methanone, C14H12O4. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 213-214.	0.3	0
65	Crystal structure of 5-hydroxy-4-((4-hydroxyphenyl)imino)naphthalen-1(4H)-one monohydrate, C16H11NO3 Â· 0.5H2O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 199-201.	0.3	0