

Eduardo J Crevelin

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

650
citations

567281

15
h-index

610901

24
g-index

44
all docs

44
docs citations

44
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressurized liquid extraction of flavanols and alkaloids from cocoa bean shell using ethanol as solvent. <i>Food Research International</i> , 2018, 114, 20-29.	6.2	83
2	A study of the trypanocidal activity of triterpene acids isolated from <i>Miconia</i> species. <i>Phytotherapy Research</i> , 2006, 20, 474-478.	5.8	42
3	In vitro and in vivo anti- <i>Helicobacter pylori</i> activity of <i>Casearia sylvestris</i> leaf derivatives. <i>Journal of Ethnopharmacology</i> , 2019, 233, 1-12.	4.1	39
4	Actinobacteria from Antarctica as a source for anticancer discovery. <i>Scientific Reports</i> , 2020, 10, 13870.	3.3	38
5	Simultaneous determination of amino acids and neurotransmitters in plasma samples from schizophrenic patients by hydrophilic interaction liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 780-787.	2.5	37
6	Antimicrobial Activity of the Essential Oil of <i>Plectranthus neochilus</i> against Cariogenic Bacteria. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-6.	1.2	34
7	Development of a validated ultra-high-performance liquid chromatography tandem mass spectrometry method for determination of acid diterpenes in <i>Copaifera oleoresins</i> . <i>Journal of Chromatography A</i> , 2017, 1515, 81-90.	3.7	34
8	Immunomodulatory action of <i>Copaifera</i> spp oleoresins on cytokine production by human monocytes. <i>Biomedicine and Pharmacotherapy</i> , 2015, 70, 12-18.	5.6	30
9	Identification of biologically active triterpenes and sterols present in hexane extracts from <i>Miconia</i> species using high-resolution gas chromatography. <i>Biomedical Chromatography</i> , 2006, 20, 827-830.	1.7	28
10	Nitrate decreases xanthine oxidoreductase-mediated nitrite reductase activity and attenuates vascular and blood pressure responses to nitrite. <i>Redox Biology</i> , 2017, 12, 291-299.	9.0	25
11	<i>Streptomyces araujoniae</i> Produces a Multiantibiotic Complex with Ionophoric Properties to Control <i>Botrytis cinerea</i> . <i>Phytopathology</i> , 2014, 104, 1298-1305.	2.2	23
12	Direct Analysis of Amphetamine Stimulants in a Whole Urine Sample by Atmospheric Solids Analysis Probe Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 944-947.	2.8	22
13	Identification of azaphilone derivatives of <i>Monascus colorants</i> from <i>Talaromyces amestolkiae</i> and their halochromic properties. <i>Food Chemistry</i> , 2022, 372, 131214.	8.2	22
14	Dereplication of <i>Streptomyces</i> sp. AMC 23 polyether ionophore antibiotics by accurate-mass electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2014, 49, 1117-1126.	1.6	17
15	<i>Streptomyces atlanticus</i> sp. nov., a novel actinomycete isolated from marine sponge <i>Aplysina fulva</i> (Pallas, 1766). <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1467-1474.	1.7	17
16	Isolation and Characterization of Phytotoxic Compounds Produced by <i>Streptomyces</i> sp. AMC 23 from Red Mangrove (<i>Rhizophora mangle</i>). <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1602-1616.	2.9	16
17	<i>Saccharopolyspora spongiae</i> sp. nov., a novel actinomycete isolated from the marine sponge <i>Scopalina ruetzleri</i> (Wiedenmayer, 1977). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2019-2025.	1.7	14
18	Electrospray ionization tandem mass spectrometry of labdane-type acid diterpenes. <i>Journal of Mass Spectrometry</i> , 2018, 53, 1086-1096.	1.6	12

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19	Biomimetic simazine oxidation catalyzed by metalloporphyrins. <i>Applied Catalysis A: General</i> , 2011, 408, 163-170.	4.3	11
20	Solubility of commercial octacosanol in organic solvents and their correlation by thermodynamic models at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2017, 110, 186-192.	2.0	11
21	Fragmentation of 2-acyloylbenzofuran derivatives by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 809-816.	1.6	11
22	Oral administration of powdered dried rhizomes of <i>Curcuma longa</i> L. (turmeric). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Research</i> , 2018, 32, 2408-2416.	5.8	11
23	Effects of Ayahuasca on Personality: Results of Two Randomized, Placebo-Controlled Trials in Healthy Volunteers. <i>Frontiers in Psychiatry</i> , 2021, 12, 688439.	2.6	10
24	Apigenin-7-O-glucoside oxidation catalyzed by P450-bioinspired systems. <i>Journal of Inorganic Biochemistry</i> , 2017, 170, 117-124.	3.5	9
25	Effects of ayahuasca on the endocannabinoid system of healthy volunteers and in volunteers with social anxiety disorder: Results from two pilot, proof-of-concept, randomized, placebo-controlled trials. <i>Human Psychopharmacology</i> , 2022, , e2834.	1.5	8
26	Precursor Ion Scan Mode-Based Strategy for Fast Screening of Polyether Ionophores by Copper-Induced Gas-Phase Radical Fragmentation Reactions. <i>Analytical Chemistry</i> , 2017, 89, 3929-3936.	6.5	5
27	Aqueous <i>Pyrostegia venusta</i> (Ker Gawl.) Miers extract attenuates allergen-induced asthma in a mouse model via an antioxidant mechanism. <i>Journal of Asthma</i> , 2021, 58, 808-818.	1.7	5
28	<i>Casearia sylvestris</i> Essential Oil Degradation Products Generated by Leaf Processing. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000880.	2.1	5
29	Improved production of quinone-methide triterpenoids by <i>Cheiloclinium cognatum</i> root cultures: possibilities for a non-destructive biotechnological process. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 128, 705-714.	2.3	4
30	<i>In vitro</i> Activities of <i>Pfaffia glomerata</i> Root Extract, Its Hydrolyzed Fractions and Pfaffic Acid Against <i>Trypanosoma cruzi</i> Trypomastigotes. <i>Chemistry and Biodiversity</i> , 2017, 14, e1600175.	2.1	4
31	Acidic and hepatic derivatives of bioactive clerodane diterpenes casearins J and O. <i>FÄ-toterapÄ-Äç</i> , 2019, 137, 104197.	2.2	4
32	Gas-phase fragmentation reactions of protonated benzofuran- and dihydrobenzofuran-type neolignans investigated by accurate mass electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2019, 54, 35-46.	1.6	4
33	Electrospray ionization tandem mass spectrometry of deprotonated dihydrobenzofuran neolignans. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8990.	1.5	3
34	<i>In Vitro</i> Schistosomicidal Activities of the Leaf Extracts from <i>Casearia sylvestris</i> Varieties. <i>Chemistry and Biodiversity</i> , 2021, , .	2.1	3
35	Effect of <i>Costus spiralis</i> (<i>Jacq</i>) <i>Roscoe</i> Leaves, Methanolic Extract and Guajaverin on Blood Glucose and Lipid Levels in a Type II Diabetic Rat Model. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800365.	2.1	2
36	Geographical chemical variability and processing oxidation of volatile compounds of <i>Casearia sylvestris</i> leaves. <i>Ecletica Quimica</i> , 2021, 46, 42-48.	0.5	2

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37	Precursor-directed Biosynthesis in <i>Tabernaemontana catharinensis</i> as a New Avenue for Alzheimer's Disease-modifying Agents. <i>Planta Medica</i> , 2021, 87, 136-147.	1.3	2
38	Dynamized <i>Aloysia Polystachya</i> (Griseb.) Essential Oil: A Promising Antimicrobial Product. <i>Homeopathy</i> , 0, , .	1.0	2
39	Electrospray ionization tandem mass spectrometry of monoketone curcuminoids. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8699.	1.5	1
40	Root cultures of <i>Monteverdia floribunda</i> (Reissek) Biral grown in air sparging systems are sources of quinonemethide triterpenes. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 647-651.	2.3	0
41	Modulation of quinonemethide triterpenes biosynthesis in <i>Monteverdia floribunda</i> (Reissek) biral root cultures by exogenous inhibitors. <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 149, 313-324.	2.3	0
42	Genetic diversity among genotypes of <i>Uncaria guianensis</i> (Aubl.) J.F. Gmel. maintained in an in vitro germplasm bank. <i>3 Biotech</i> , 2022, 12, 8.	2.2	0