Ana Gradillas Nicolas

List of Publications by Year
in descending order

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36 papers	1,606 citations	567281 15 h-index	345221 36 g-index
46 all docs	46 docs citations	46 times ranked	2362 citing authors

#	Article	IF	Citations
1	Characterisation of the Phenolic Profile of Acacia retinodes and Acacia mearnsii Flowersâ€™ Extracts. Plants, 2022, 11, 1442.	3.5	5
2	Enhancing confidence of metabolite annotation in Capillary Electrophoresis-Mass Spectrometry untargeted metabolomics with relative migration time and in-source fragmentation. Journal of Chromatography A, 2021, 1635, 461758.	3.7	23
3	In vitro generation of oxidized standards for lipidomics. Application to major membrane lipid components. Journal of Chromatography A, 2021, 1651, 462254.	3.7	9
4	Analytical approaches for studying oxygenated lipids in the search of potential biomarkers by LC-MS. TrAC - Trends in Analytical Chemistry, 2021, 143, 116367.	11.4	8
5	Ceramide Composition in Exosomes for Characterization of Glioblastoma Stem-Like Cell Phenotypes. Frontiers in Oncology, 2021, 11, 788100.	2.8	7
6	Exploiting the formation of adducts in mobile phases with ammonium fluoride for the enhancement of annotation in liquid chromatography-high resolution mass spectrometry based lipidomics. Journal of Chromatography Open, 2021, 1, 100018.	2.2	18
7	Recent Developments along the Analytical Process for Metabolomics Workflows. Analytical Chemistry, 2020, 92, 203-226.	6.5	72
8	Identifying the Compounds of the Metabolic Elicitors of Pseudomonas fluorescens N 21.4 Responsible for Their Ability to Induce Plant Resistance. Plants, 2020, 9, 1020.	3.5	6
9	Unraveling the Cyclization of <scp>l</scp>-Argininosuccinic Acid in Biological Samples: A Study via Mass Spectrometry and NMR Spectroscopy. Analytical Chemistry, 2020, 92, 12891-12899.	6.5	4
10	Evaluation of the Cytotoxicity of Ayahuasca Beverages. Molecules, 2020, 25, 5594.	3.8	12
11	Ayahuasca Beverages: Phytochemical Analysis and Biological Properties. Antibiotics, 2020, 9, 731.	3.7	17
12	Oxidized lipids in the metabolic profiling of neuroendocrine tumors â€“ Analytical challenges and biological implications. Journal of Chromatography A, 2020, 1625, 461233.	3.7	9
13	Elicitation with Bacillus QV15 reveals a pivotal role of F3H on flavonoid metabolism improving adaptation to biotic stress in blackberry. PLoS ONE, 2020, 15, e0232626.	2.5	18
14	Unveiling the Fragmentation Mechanisms of Modified Amino Acids as the Key for Their Targeted Identification. Analytical Chemistry, 2020, 92, 4848-4857.	6.5	18
15	Allium porrum Extract Decreases Effector Cell Degranulation and Modulates Airway Epithelial Cell Function. Nutrients, 2019, 11, 1303.	4.1	5
16	Comparison of phenolic compounds profile and antioxidant properties of different sweet cherry (Prunus avium L.) varieties. Food Chemistry, 2019, 279, 260-271.	8.2	98
17	A novel strategy for rapid screening of the complex triterpene saponin mixture present in the methanolic extract of blackberry leaves (Rubus cv. Loch Ness) by UHPLC/QTOF-MS. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 47-56.	2.8	7
18	Metabolic Clustering Analysis as a Strategy for Compound Selection in the Drug Discovery Pipeline for Leishmaniasis. ACS Chemical Biology, 2018, 13, 1361-1369.	3.4	15

#	Article	IF	Citations
19	Transcriptomics, Targeted Metabolomics and Gene Expression of Blackberry Leaves and Fruits Indicate Flavonoid Metabolic Flux from Leaf to Red Fruit. Frontiers in Plant Science, 2017, 8, 472.	3.6	41
20	Hydroxy Chalcogenideâ€Promoted Moritaâ€“Baylisâ€“Hillman Alkylation Reaction: Intermolecular Applications with Alkyl Halides as Electrophiles. European Journal of Organic Chemistry, 2014, 2014, 1935-1941.	2.4	6
21	Unusual Skeletal Rearrangement of Unsaturated Sevenâ€Membered Lactams into Fused Pyrrolidinolactones. European Journal of Organic Chemistry, 2013, 2013, 3094-3102.	2.4	11
22	New synthesis and promising neuroprotective role in experimental ischemic stroke of ONO-1714. European Journal of Medicinal Chemistry, 2012, 54, 439-446.	5.5	12
23	Synthesis of 2â€Azabicyclo[4.1.0]heptanes through Stereoselective Cyclopropanation Reactions. European Journal of Organic Chemistry, 2010, 2010, 5850-5862.	2.4	30
24	Nitrogen ylide-mediated cyclopropanation of lactams and lactones. Tetrahedron Letters, 2010, 51, 3095-3098.	1.4	27
25	Moritaâ^'Baylisâ^'Hillman Reaction of Lactams and Lactones with Alkyl Halides and Epoxides Catalyzed by Hydroxysulfides. Organic Letters, 2010, 12, 2418-2421.	4.6	9
26	Tandem RCMâ^'Isomerizationâ^' Cyclopropanation Reactions. Organic Letters, 2008, 10, 597-600.	4.6	39
27	Cyclopropanation Reactions for the Synthesis of 2-Azabicyclo[4.1.0]heptane Derivatives with Nitric Oxide Synthase Inhibitory Activity. Chemistry Letters, 2008, 37, 1222-1223.	1.3	6
28	Synthesis and biological activity of N,N-dialkylaminoalkyl-substituted bisindolyl and diphenyl pyrazolone derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 9-16.	3.0	87
29	Macrocyclization by Ring-Closing Metathesis in the Total Synthesis of Natural Products: Reaction Conditions and Limitations. Angewandte Chemie - International Edition, 2006, 45, 6086-6101.	13.8	500
30	Synthesis and Biological Activity of Picobenzide (3,5-Dimethyl-N-(pyridin-4-ylmethyl)benzamide) Analogues as Potential Antipsychotic Agents. Arzneimittelforschung, 2005, 55, 725-729.	0.4	0
31	Synthesis, Biological Activity, and Quantitative Structureâ^'Activity Relationship Study of Azanaphthalimide and Arylnaphthalimide Derivatives. Journal of Medicinal Chemistry, 2004, 47, 2236-2242.	6.4	38
32	Intercalators as Anticancer Drugs. Current Pharmaceutical Design, 2001, 7, 1745-80.	1.9	384
33	Hydrolysis of 2-substituted aryl and heteroaryl alkanoates by Candida rugosalipase. Biotechnology Letters, 1997, 19, 999-1004.	2.2	8
34	Alteration of the reaction rate in the esterification of (R,S) ibuprofen by addition of crown ether or porphyrin. Biotechnology Letters, 1996, 18, 85-90.	2.2	5
35	Novel synthesis of 5,10,15,20-tetraarylporphyrins using high-valent transition metal salts. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2611.	0.9	22
36	Enantiospecific hydrolysis of esters of nonsteroidal antiinflammatory drugs using lipase of Candida cylindracea. Journal of Molecular Catalysis, 1993, 84, 399-405.	1.2	2