

Guillaume Marti

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,960
citations

361045

20
h-index

329751

37
g-index

49
all docs

49
docs citations

49
times ranked

3327
citing authors

#	ARTICLE	IF	CITATIONS
1	Current approaches and challenges for the metabolite profiling of complex natural extracts. <i>Journal of Chromatography A</i> , 2015, 1382, 136-164.	1.8	430
2	Induction and detoxification of maize 1,4-benzoxazinones by insect herbivores. <i>Plant Journal</i> , 2011, 68, 901-911.	2.8	209
3	Metabolomics reveals herbivore-induced metabolites of resistance and susceptibility in maize leaves and roots. <i>Plant, Cell and Environment</i> , 2013, 36, 621-639.	2.8	149
4	A specialist root herbivore exploits defensive metabolites to locate nutritious tissues. <i>Ecology Letters</i> , 2012, 15, 55-64.	3.0	146
5	Transcriptome diversity among rice root types during asymbiosis and interaction with arbuscular mycorrhizal fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6754-6759.	3.3	99
6	Advances in Techniques for Profiling Crude Extracts and for the Rapid Identification of Natural Products: Dereplication, Quality Control and Metabolomics. <i>Current Organic Chemistry</i> , 2010, 14, 1808-1832.	0.9	93
7	Differentiation of lemon essential oil based on volatile and non-volatile fractions with various analytical techniques: a metabolomic approach. <i>Food Chemistry</i> , 2014, 143, 325-335.	4.2	92
8	Antiplasmodial benzophenones from the trunk latex of <i>Moronobea coccinea</i> (Clusiaceae). <i>Phytochemistry</i> , 2009, 70, 75-85.	1.4	59
9	MS-CleanR: A Feature-Filtering Workflow for Untargeted LC-MS Based Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 9971-9981.	3.2	55
10	Zika virus infection modulates the metabolomic profile of microglial cells. <i>PLoS ONE</i> , 2018, 13, e0206093.	1.1	52
11	The landscape of natural product diversity and their pharmacological relevance from a focus on the Dictionary of Natural Products®. <i>Phytochemistry Reviews</i> , 2019, 18, 601-622.	3.1	52
12	Study of Leaf Metabolome Modifications Induced by UV-C Radiations in Representative <i>Vitis</i> , <i>Cissus</i> and <i>Cannabis</i> Species by LC-MS Based Metabolomics and Antioxidant Assays. <i>Molecules</i> , 2014, 19, 14004-14021.	1.7	48
13	Antiplasmodial benzophenone derivatives from the root barks of <i>Symphonia globulifera</i> (Clusiaceae). <i>Phytochemistry</i> , 2010, 71, 964-974.	1.4	46
14	A physiological and behavioral mechanism for leaf-herbivore induced systemic root resistance. <i>Plant Physiology</i> , 2015, 169, pp.00759.2015.	2.3	44
15	A metabolomic approach to identify anti-hepatocarcinogenic compounds from plants used traditionally in the treatment of liver diseases. <i>FITOTERAPIA</i> , 2018, 127, 226-236.	1.1	40
16	Cucurbitacins from the Leaves of <i>Citrullus colocynthis</i> (L.) Schrad. <i>Molecules</i> , 2015, 20, 18001-18015.	1.7	31
17	In vivo validation of anti-malarial activity of crude extracts of <i>Terminalia macroptera</i> , a Malian medicinal plant. <i>Malaria Journal</i> , 2018, 17, 68.	0.8	31
18	Comprehensive profiling and marker identification in non-volatile citrus oil residues by mass spectrometry and nuclear magnetic resonance. <i>Food Chemistry</i> , 2014, 150, 235-245.	4.2	26

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19	Antifungals and acetylcholinesterase inhibitors from the stem bark of <i>Croton heliotropiifolius</i> . <i>Phytochemistry Letters</i> , 2014, 10, lxxxviii-xciii.	0.6	25
20	Natural Aristolactams and Aporphine Alkaloids as Inhibitors of CDK1/Cyclin B and DYRK1A. <i>Molecules</i> , 2013, 18, 3018-3027.	1.7	23
21	Mosquito metabolomics reveal that dengue virus replication requires phospholipid reconfiguration via the remodeling cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27627-27636.	3.3	23
22	Dengue virus reduces AGPAT1 expression to alter phospholipids and enhance infection in <i>Aedes aegypti</i> . <i>PLoS Pathogens</i> , 2019, 15, e1008199.	2.1	19
23	Cannabinoids vs. whole metabolome: Relevance of cannabinomics in analyzing Cannabis varieties. <i>Analytica Chimica Acta</i> , 2021, 1184, 339020.	2.6	16
24	A New Xanthone from the Bark Extract of <i>Rheedia acuminata</i> and Antiplasmodial Activity of Its Major Compounds. <i>Molecules</i> , 2010, 15, 7106-7114.	1.7	15
25	Integrating metabolomic data from multiple analytical platforms for a comprehensive characterisation of lemon essential oils. <i>Flavour and Fragrance Journal</i> , 2015, 30, 131-138.	1.2	14
26	Deciphering the phylogeny of violets based on multiplexed genetic and metabolomic approaches. <i>Phytochemistry</i> , 2019, 163, 99-110.	1.4	14
27	Metabolomic characterization of 5 native Peruvian chili peppers (<i>Capsicum</i> spp.) as a tool for species discrimination. <i>Food Chemistry</i> , 2022, 386, 132704.	4.2	13
28	Dereplication of natural products from complex extracts by regression analysis and molecular networking: case study of redox-active compounds from <i>Viola alba</i> subsp. <i>dehnhardtii</i> . <i>Metabolomics</i> , 2017, 13, 1.	1.4	12
29	LC-MS/MS Quantitative Determination of <i>Tetrapteryx mucronata</i> Alkaloids, a Plant Occasionally used in Ayahuasca Preparation. <i>Phytochemical Analysis</i> , 2015, 26, 183-188.	1.2	11
30	Comparison of the Phytochemical Composition of <i>Serenoa repens</i> Extracts by a Multiplexed Metabolomic Approach. <i>Molecules</i> , 2019, 24, 2208.	1.7	11
31	Antileishmanial Compounds Isolated from <i>Psidium Guajava</i> L. Using a Metabolomic Approach. <i>Molecules</i> , 2019, 24, 4536.	1.7	11
32	Metabolomic approach of the antiprotozoal activity of medicinal Piper species used in Peruvian Amazon. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113262.	2.0	10
33	Stilbenes: Biomarkers of Grapevine Resistance to Disease of High Relevance for Agronomy, Oenology and Human Health. , 2012, , 25-54.		9
34	Liver clear cell foci and viral infection are associated with non-cirrhotic, non-fibrolamellar hepatocellular carcinoma in young patients from South America. <i>Scientific Reports</i> , 2018, 8, 9945.	1.6	7
35	Lipid Interactions Between Flaviviruses and Mosquito Vectors. <i>Frontiers in Physiology</i> , 2021, 12, 763195.	1.3	6
36	Modification of Early Response of <i>Vitis vinifera</i> to Pathogens Relating to Esca Disease and Biocontrol Agent Vintec® Revealed By Untargeted Metabolomics on Woody Tissues. <i>Frontiers in Microbiology</i> , 2022, 13, 835463.	1.5	6

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37	Identification of putative chemical markers in white wine (Chasselas) related to nitrogen deficiencies in vineyards. <i>Oeno One</i> , 2020, 54, 583-599.	0.7	5
38	Adaptation of a microbead assay for the easy evaluation of traditional anti-sickling medicines: application to DREPANOSTAT and FACA. <i>Pharmaceutical Biology</i> , 2018, 56, 385-392.	1.3	2
39	Search for Low-Molecular-Weight Biomarkers in Plant Tissues and Seeds Using Metabolomics: Tools, Strategies, and Applications. , 2012, , 305-341.		0
40	Antiviral potential of medicinal plants: a case study with guava tree against dengue virus using a metabolomic approach. , 2022, , 439-458.		0
41	Title is missing!. , 2019, 15, e1008199.		0
42	Title is missing!. , 2019, 15, e1008199.		0
43	Title is missing!. , 2019, 15, e1008199.		0
44	Title is missing!. , 2019, 15, e1008199.		0
45	Title is missing!. , 2019, 15, e1008199.		0
46	Title is missing!. , 2019, 15, e1008199.		0