

Pierre-Marie Allard

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

5,271
citations

257450

24
h-index

182427

51
g-index

80
all docs

80
docs citations

80
times ranked

6581
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Traits 2.0: The power of the metabolome for ecology. <i>Journal of Ecology</i> , 2022, 110, 4-20.	4.0	42
2	Comparison of Illicit Drug Seizures Products of Natural Origin Using a Molecular Networking Approach. <i>International Journal of Toxicology</i> , 2022, 41, 108-114.	1.2	3
3	MEMO: Mass Spectrometry-Based Sample Vectorization to Explore Chemodiverse Datasets. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	7
4	Molecular and Functional Analysis of Sunitinib-Resistance Induction in Human Renal Cell Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6467.	4.1	12
5	Drug Repurposing to Identify a Synergistic High-Order Drug Combination to Treat Sunitinib-Resistant Renal Cell Carcinoma. <i>Cancers</i> , 2021, 13, 3978.	3.7	12
6	Spatial and evolutionary predictability of phytochemical diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	63
7	Combination of Pseudo-LC-NMR and HRMS/MS-Based Molecular Networking for the Rapid Identification of Antimicrobial Metabolites From <i>Fusarium petrophilum</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 725691.	3.5	4
8	Alkyl-Quinolones derivatives as potential biomarkers for <i>Pseudomonas aeruginosa</i> infection chronicity in Cystic Fibrosis. <i>Scientific Reports</i> , 2021, 11, 20722.	3.3	3
9	The LOTUS initiative for knowledge sharing in Natural Products research. <i>Planta Medica</i> , 2021, 87, .	1.3	2
10	A case of fatal acebutolol poisoning: an illustration of the potential of molecular networking. <i>International Journal of Legal Medicine</i> , 2020, 134, 251-256.	2.2	18
11	New insights into quetiapine metabolism using molecular networking. <i>Scientific Reports</i> , 2020, 10, 19921.	3.3	32
12	A Mass Spectrometry Based Metabolite Profiling Workflow for Selecting Abundant Specific Markers and Their Structurally Related Multi-Component Signatures in Traditional Chinese Medicine Multi-Herb Formulae. <i>Frontiers in Pharmacology</i> , 2020, 11, 578346.	3.5	13
13	Feature-based molecular networking in the GNPS analysis environment. <i>Nature Methods</i> , 2020, 17, 905-908.	19.0	650
14	Insights on the Structural and Metabolic Resistance of Potato (<i>Solanum tuberosum</i>) Cultivars to Tuber Black Dot (<i>Colletotrichum coccodes</i>). <i>Frontiers in Plant Science</i> , 2020, 11, 1287.	3.6	11
15	Novel trophic interactions under climate change promote alpine plant coexistence. <i>Science</i> , 2020, 370, 1469-1473.	12.6	51
16	Metabolomics of <i>Myrcia bella</i> Populations in Brazilian Savanna Reveals Strong Influence of Environmental Factors on Its Specialized Metabolism. <i>Molecules</i> , 2020, 25, 2954.	3.8	12
17	Metabolite Profiling of Javanese Ginger <i>Zingiber purpureum</i> and Identification of Antiseizure Metabolites via a Low-Cost Open-Source Zebrafish Bioassay-Guided Isolation. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7904-7915.	5.2	12
18	Surface sensing triggers a broad-spectrum antimicrobial response in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2020, 22, 3572-3587.	3.8	11

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19	Comparative molecular networking analysis of a Rauwolfia plant powder and biological matrices in a fatal ingestion case. <i>Forensic Toxicology</i> , 2020, 38, 447-454.	2.4	12
20	Massive metabolite profiling of natural extracts for a rational prioritization of bioactive natural products: A paradigm shift in pharmacognosy. <i>Food Frontiers</i> , 2020, 1, 105-106.	7.4	6
21	Phytochemical analysis of the methanolic leaves extract of <i>Niedenzuella multiglandulosa</i> (Malpighiaceae), a plant species toxic to cattle in Brazil. <i>Phytochemistry Letters</i> , 2020, 37, 10-16.	1.2	7
22	Discovery of Lipid Peroxidation Inhibitors from <i>Bacopa</i> Species Prioritized through Multivariate Data Analysis and Multi-Informative Molecular Networking. <i>Molecules</i> , 2019, 24, 2989.	3.8	9
23	Identification of chemotypes in bitter melon by metabolomics: a plant with potential benefit for management of diabetes in traditional Chinese medicine. <i>Metabolomics</i> , 2019, 15, 104.	3.0	30
24	Taxonomically Informed Scoring Enhances Confidence in Natural Products Annotation. <i>Frontiers in Plant Science</i> , 2019, 10, 1329.	3.6	84
25	Effects of Sphagnum Leachate on Competitive Sphagnum Microbiome Depend on Species and Time. <i>Frontiers in Microbiology</i> , 2019, 10, 2042.	3.5	28
26	Characterization, Diversity, and Structure-Activity Relationship Study of Lipoamino Acids from <i>Pantoea</i> sp. and Synthetic Analogues. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1083.	4.1	7
27	A database of high-resolution MS/MS spectra for lichen metabolites. <i>Scientific Data</i> , 2019, 6, 294.	5.3	46
28	Application of a molecular networking approach for clinical and forensic toxicology exemplified in three cases involving 3- <i>MeO</i> -EPCP, doxylamine, and chlormequat. <i>Drug Testing and Analysis</i> , 2019, 11, 669-677.	2.6	37
29	Efficient isolation of new bioactive metabolites from the marine endophytic fungi <i>Fusarium solani</i> . <i>Planta Medica</i> , 2019, 85, .	1.3	1
30	Comprehensive study of foliar endophyte communities in a rainforest palm: a model for deciphering host-microbe interactions and exploring metabolite chemo-diversity. <i>Planta Medica</i> , 2019, 85, .	1.3	0
31	Multi-informative bioactivity-based molecular networking of a large chemodiverse plant collection allows efficient identification of trypanocidal natural products. , 2019, 85, .		0
32	Taxonomically informed metabolite annotation and data organization in natural products research. <i>Planta Medica</i> , 2019, 85, .	1.3	0
33	Comprehensive chemotaxonomy: mining data from tandem mass spectrometry of lichens. <i>Planta Medica</i> , 2019, 85, .	1.3	0
34	Strategy for exhaustive plant metabolomes characterization from a qualitative and quantitative perspective. <i>Planta Medica</i> , 2019, 85, .	1.3	0
35	Prioritization of high-value natural products from a large chemo-diverse plant extracts collection: a focus on structural novelty. , 2019, 85, .		0
36	Pharmacognosy in the digital era: shifting to contextualized metabolomics. <i>Current Opinion in Biotechnology</i> , 2018, 54, 57-64.	6.6	34

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37	Dynamics of Metabolite Induction in Fungal Co-cultures by Metabolomics at Both Volatile and Non-volatile Levels. <i>Frontiers in Microbiology</i> , 2018, 9, 72.	3.5	40
38	Lung Cancer Chemopreventive Activity of Patulin Isolated from <i>Penicillium vulpinum</i> . <i>Molecules</i> , 2018, 23, 636.	3.8	11
39	Searching for original natural products by molecular networking: detection, isolation and total synthesis of chloroaustralasines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2171-2178.	4.5	26
40	The plant pathogen <i>Pseudomonas aeruginosa</i> triggers a DELLA-dependent seed germination arrest in <i>Arabidopsis</i> . <i>ELife</i> , 2018, 7, .	6.0	40
41	Pharmacognosy In The Digital Era. , 2018, , .		0
42	Deep metabolome annotation in natural products research: towards a virtuous cycle in metabolite identification. <i>Current Opinion in Chemical Biology</i> , 2017, 36, 40-49.	6.1	91
43	UHPLC-MS-based HDAC Assay Applied to Bio-guided Microfractionation of Fungal Extracts. <i>Phytochemical Analysis</i> , 2017, 28, 93-100.	2.4	9
44	Cytotoxic Prenylated Stilbenes Isolated from <i>Macaranga tanarius</i> . <i>Journal of Natural Products</i> , 2017, 80, 2684-2691.	3.0	38
45	Bioactive Natural Products Prioritization Using Massive Multi-informational Molecular Networks. <i>ACS Chemical Biology</i> , 2017, 12, 2644-2651.	3.4	112
46	Targeted Isolation of Monoterpene Indole Alkaloids from <i>Palicourea sessilis</i> . <i>Journal of Natural Products</i> , 2017, 80, 3032-3037.	3.0	31
47	Peptidomic and transcriptomic profiling of four distinct spider venoms. <i>PLoS ONE</i> , 2017, 12, e0172966.	2.5	25
48	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
49	Targeted Isolation of Indolopyridoquinazoline Alkaloids from <i>Conchocarpus fontanesianus</i> Based on Molecular Networks. <i>Journal of Natural Products</i> , 2016, 79, 2270-2278.	3.0	34
50	Integration of Molecular Networking and <i>In-Silico</i> MS/MS Fragmentation for Natural Products Dereplication. <i>Analytical Chemistry</i> , 2016, 88, 3317-3323.	6.5	329
51	Can molecular networking be a powerful tool to target specific bioactive scaffolds? Case study of New Caledonian Euphorbiaceae species. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	1
52	Integration of molecular networking and in-silico MS/MS fragmentation for sensitive high throughput natural products dereplication. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	2
53	Integration of molecular networking & in-silico MS/MS fragmentation: a novel dereplication strategy in natural products chemistry. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
54	Massive multi-informative molecular networks to mine New-Caledonian chemodiversity for antiviral compounds. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0

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55	Molecular networking approach to detect new analogues of prenylated stilbenes from <i>Macaranga</i> spp.. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
56	Modern tools to analyse museum samples of curare and psychoactive preparations used by Amazonian tribes. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
57	A UHPLC/MS-MS-based HDAC assay applied to bio-guided microfractionation of fungi extracts. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
58	Towards an efficient and targeted isolation of valuable natural products only. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
59	Investigation of an edible TCM bitter melon (<i>Momordica charantia</i>): metabolite profiling, differentiation and characterization. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
60	Metabolite profiling and targeted isolation of markers for a comprehensive standardisation of a multi-herb TCM formula to treat atopic dermatitis. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
61	Anti- <i>Candida</i> Cassane-Type Diterpenoids from the Root Bark of <i>Swartzia simplex</i> . <i>Journal of Natural Products</i> , 2015, 78, 2994-3004.	3.0	27
62	Thinking big about small beings – the (yet) underdeveloped microbial natural products chemistry in Brazil. <i>Natural Product Reports</i> , 2014, 31, 646.	10.3	22
63	Diterpenoids from Euphorbiaceae with Potent Anti-CHIKV and Anti-HIV Activities: Are these Antiviral Properties Correlated?. <i>Planta Medica</i> , 2013, 79, .	1.3	2
64	Trigocherrin A, the First Natural Chlorinated Daphnane Diterpene Orthoester from <i>Trigonostemon cherrieri</i> . <i>Organic Letters</i> , 2012, 14, 342-345.	4.6	60
65	Antiviral chlorinated daphnane diterpenoid orthoesters from the bark and wood of <i>Trigonostemon cherrieri</i> . <i>Phytochemistry</i> , 2012, 84, 160-168.	2.9	78
66	New chlorinated daphnane diterpenoids orthoester from <i>Trigonostemon cherrieri</i> as potent antiviral agents. <i>Planta Medica</i> , 2012, 78, .	1.3	0
67	Alkylated Flavanones from the Bark of <i>Cryptocarya chartacea</i> As Dengue Virus NS5 Polymerase Inhibitors. <i>Journal of Natural Products</i> , 2011, 74, 2446-2453.	3.0	64
68	The LOTUS initiative for open knowledge management in natural products research. <i>ELife</i> , 0, 11, .	6.0	90