Jean-Luc Wolfender

List of Publications by Citations

333 papers	12,084 citations	56 h-index	97 g-index
353 ext. papers	14,483 ext. citations	4.5 avg, IF	6.32 L-index

#	Paper	IF	Citations
333	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. *Nature Biotechnology*, **2016**, 34, 828-837	44.5	1566
332	Current approaches and challenges for the metabolite profiling of complex natural extracts. *Journal of Chromatography A*, **2015**, 1382, 136-64	4.5	332
331	The pharmaceutical industry and natural products: historical status and new trends. *Phytochemistry Reviews*, **2015**, 14, 299-315	7.7	259
330	Metabolite induction via microorganism co-culture: a potential way to enhance chemical diversity for drug discovery. *Biotechnology Advances*, **2014**, 32, 1180-204	17.8	259
329	Evaluation of quadrupole time-of-flight tandem mass spectrometry and ion-trap multiple-stage mass spectrometry for the differentiation of C-glycosidic flavonoid isomers. *Journal of Chromatography A*, **2001**, 926, 29-41	4.5	259
328	Spatial and temporal dynamics of jasmonate synthesis and accumulation in Arabidopsis in response to wounding. *Journal of Biological Chemistry*, **2008**, 283, 16400-7	5.4	244
327	Integration of Molecular Networking and In-Silico MS/MS Fragmentation for Natural Products Dereplication. *Analytical Chemistry*, **2016**, 88, 3317-23	7.8	213
326	Velocity estimates for signal propagation leading to systemic jasmonic acid accumulation in wounded Arabidopsis. *Journal of Biological Chemistry*, **2009**, 284, 34506-13	5.4	171
325	Metabolite identification: are you sure? And how do your peers gauge your confidence?. *Metabolomics*, **2014**, 10, 350-353	4.7	162
324	Induction and detoxification of maize 1,4-benzoxazin-3-ones by insect herbivores. *Plant Journal*, **2011**, 68, 901-11	6.9	154
323	Liquid chromatography with ultraviolet absorbance-mass spectrometric detection and with nuclear magnetic resonance spectroscopy: a powerful combination for the on-line structural investigation of plant metabolites. *Journal of Chromatography A*, **2003**, 1000, 437-55	4.5	154
322	The Potential of African Plants as a Source of Drugs. *Current Organic Chemistry*, **2000**, 4, 973-1010	1.7	153
321	Liquid chromatography coupled to mass spectrometry and nuclear magnetic resonance spectroscopy for the screening of plant constituents. *Journal of Chromatography A*, **1998**, 794, 299-316	4.5	148
320	The potential of LC-NMR in phytochemical analysis. *Phytochemical Analysis*, **2001**, 12, 2-22	3.4	129
319	Plant metabolomics: from holistic data to relevant biomarkers. *Current Medicinal Chemistry*, **2013**, 20, 1056-90	4.3	128
318	Four 13-lipoxygenases contribute to rapid jasmonate synthesis in wounded Arabidopsis thaliana leaves: a role for lipoxygenase 6 in responses to long-distance wound signals. *New Phytologist*, **2013**, 197, 566-575	9.8	125
317	Antifungal and antibacterial naphthoquinones from Newbouldia laevis roots. *Phytochemistry*, **1996**, 42, 1315-20	4	119

316	Metabolomics reveals herbivore-induced metabolites of resistance and susceptibility in maize leaves and roots. *Plant, Cell and Environment*, **2013**, 36, 621-39	8.4	113
315	HPLC in natural product analysis: the detection issue. *Planta Medica*, **2009**, 75, 719-34	3.1	111
314	Plant Metabolomics: From Holistic Data to Relevant Biomarkers. *Current Medicinal Chemistry*, **2013**, 20, 1056-1090	4.3	104
313	Accelerating Metabolite Identification in Natural Product Research: Toward an Ideal Combination of Liquid Chromatography-High-Resolution Tandem Mass Spectrometry and NMR Profiling, in Silico Databases, and Chemometrics. *Analytical Chemistry*, **2019**, 91, 704-742	7.8	101
312	The rise of operon-like gene clusters in plants. *Trends in Plant Science*, **2014**, 19, 447-59	13.1	100
311	Acyl secoiridoids and antifungal constituents from Gentiana macrophylla. *Phytochemistry*, **1996**, 42, 1305-13	4	94
310	Analysis of flavonol glycosides of thirteen Epilobium species (onagraceae) by LC-UV and thermospray LC-MS. *Phytochemistry*, **1995**, 38, 129-137	4	92
309	UPLC-TOF-MS for plant metabolomics: a sequential approach for wound marker analysis in Arabidopsis thaliana. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2008**, 871, 261-70	3.2	91
308	Optimized liquid chromatography-mass spectrometry approach for the isolation of minor stress biomarkers in plant extracts and their identification by capillary nuclear magnetic resonance. *Journal of Chromatography A*, **2008**, 1180, 90-8	4.5	90
307	Advances in Techniques for Profiling Crude Extracts and for the Rapid Identificationof Natural Products: Dereplication, Quality Control and Metabolomics. *Current Organic Chemistry*, **2010**, 14, 1808-1832	1.7	88
306	Identification of natural products using HPLC-SPE combined with CapNMR. *Analytical Chemistry*, **2007**, 79, 727-35	7.8	88
305	Antifungal alkaloids and limonoid derivatives from Dictamnus dasycarpus. *Phytochemistry*, **1998**, 47, 7-11	4	86
304	Current and Future Perspectives on the Structural Identification of Small Molecules in Biological Systems. *Metabolites*, **2016**, 6,	5.6	84
303	De novo production of metabolites by fungal co-culture of Trichophyton rubrum and Bionectria ochroleuca. *Journal of Natural Products*, **2013**, 76, 1157-65	4.9	83
302	Bioactive Natural Products Prioritization Using Massive Multi-informational Molecular Networks. *ACS Chemical Biology*, **2017**, 12, 2644-2651	4.9	81
301	Mono- and sesquiterpenes and antifungal constituents from Artemisia species. *Planta Medica*, **1999**, 65, 64-7	3.1	79
300	Ultra-high pressure liquid chromatography-mass spectrometry for plant metabolomics: a systematic comparison of high-resolution quadrupole-time-of-flight and single stage Orbitrap mass spectrometers. *Journal of Chromatography A*, **2013**, 1292, 151-9	4.5	77
299	On-line identification of the antifungal constituents of Erythrina vogelii by liquid chromatography with tandem mass spectrometry, ultraviolet absorbance detection and nuclear magnetic resonance spectrometry combined with liquid chromatographic micro-fractionation. *Journal of Chromatography A*, **2002**, 974, 123-34	4.5	77

298	Detection of metabolite induction in fungal co-cultures on solid media by high-throughput differential ultra-high pressure liquid chromatography-time-of-flight mass spectrometry fingerprinting. *Journal of Chromatography A*, **2013**, 1292, 219-28	4.5	75
297	Modern screening techniques for plant extracts. *Pharmaceutical Biology*, **2001**, 39 Suppl 1, 18-32	3.8	75
296	Differentiation of lemon essential oil based on volatile and non-volatile fractions with various analytical techniques: a metabolomic approach. *Food Chemistry*, **2014**, 143, 325-35	8.5	74
295	Identification of tyrosine sulfation in Conus pennaceus conotoxins alpha-PnIA and alpha-PnIB: further investigation of labile sulfo- and phosphopeptides by electrospray, matrix-assisted laser desorption/ionization (MALDI) and atmospheric pressure MALDI mass spectrometry. *Journal of Mass Spectrometry*, **1999**, 34, 447-54	2.2	73
294	Phytochemistry in the microgram domain - a LC-NMR perspective. *Magnetic Resonance in Chemistry*, **2005**, 43, 697-709	2.1	71
293	Use of on-flow LC/1H NMR for the study of an antioxidant fraction from Orophea enneandra and isolation of a polyacetylene, lignans, and a tocopherol derivative. *Journal of Natural Products*, **1998**, 61, 1497-501	4.9	69
292	Evaluation of Q-TOF-MS/MS and multiple stage IT-MSn for the dereplication of flavonoids and related compounds in crude plant extracts. *Analusis - European Journal of Analytical Chemistry*, **2000** , 28, 895-906		69
291	Deep metabolome annotation in natural products research: towards a virtuous cycle in metabolite identification. *Current Opinion in Chemical Biology*, **2017**, 36, 40-49	9.7	67
290	Vitis vinifera canes, a new source of antifungal compounds against Plasmopara viticola, Erysiphe necator, and Botrytis cinerea. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 5459-67	5.7	66
289	Innovative omics-based approaches for prioritisation and targeted isolation of natural products - new strategies for drug discovery. *Natural Product Reports*, **2019**, 36, 855-868	15.1	65
288	Antifungal Quinoline Alkaloids from Waltheria indica. *Journal of Natural Products*, **2016**, 79, 300-7	4.9	64
287	Some solutions to obtain very efficient separations in isocratic and gradient modes using small particles size and ultra-high pressure. *Journal of Chromatography A*, **2009**, 1216, 3232-43	4.5	63
286	Antifungal and antibacterial chalcones from Myrica serrata. *Planta Medica*, **1996**, 62, 67-9	3.1	63
285	Rapid detection and subsequent isolation of bioactive constituents of crude plant extracts. *Planta Medica*, **1997**, 63, 2-10	3.1	62
284	Thermospray liquid chromatography-mass spectrometry in phytochemical analysis. *Phytochemical Analysis*, **1994**, 5, 153-182	3.4	61
283	Mass spectrometry of underivatized naturally occurring glycosides. *Phytochemical Analysis*, **1992**, 3, 193-214	3.4	60
282	Liquid chromatographic–UV detection and liquid chromatographic–thermospray mass spectrometric analysis of Chironia (Gentianaceae) species. *Journal of Chromatography A*, **1993**, 647, 191-202	4.5	60
281	Natural and Synthetic Xanthones as Monoamine Oxidase Inhibitors: Biological Assay and 3D-QSAR. *Helvetica Chimica Acta*, **2001**, 84, 552-570	2	58

280	Metabolite profiling of plant extracts by ultra-high-pressure liquid chromatography at elevated temperature coupled to time-of-flight mass spectrometry. *Journal of Chromatography A*, **2009**, 1216, 5660-8	4.5	57
279	Modern Screening Techniques for Plant Extracts. *Pharmaceutical Biology*, **2001**, 39, 18-32	3.8	57
278	Wound- and mechanostimulated electrical signals control hormone responses. *New Phytologist*, **2020**, 227, 1037-1050	9.8	56
277	High resolution ultra high pressure liquid chromatography-time-of-flight mass spectrometry dereplication strategy for the metabolite profiling of Brazilian Lippia species. *Journal of Chromatography A*, **2012**, 1259, 167-78	4.5	56
276	Xanthones, triterpenes and a biphenyl from Kielmeyera coriacea. *Phytochemistry*, **1998**, 47, 1367-1374	4	56
275	Liquid Chromatography/Ultra Violet/Mass Spectrometric and Liquid Chromatography/Nuclear Magnetic Resonance Spectroscopic Analysis of Crude Extracts of Gentianaceae Species. *Phytochemical Analysis*, **1997**, 8, 97-104	3.4	55
274	Transcriptome diversity among rice root types during asymbiosis and interaction with arbuscular mycorrhizal fungi. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6754-9	11.5	54
273	Axial and Radial Oxylipin Transport. *Plant Physiology*, **2015**, 169, 2244-54	6.6	53
272	Determination of trace amounts of ginkgolic acids in Ginkgo biloba L. leaf extracts and phytopharmaceuticals by liquid chromatography-electrospray mass spectrometry. *Biomedical Applications*, **2000**, 744, 249-55		53
271	Benzophenone glycosides from Gnidia involucrata. *Phytochemistry*, **2000**, 54, 883-9	4	51
270	An antifungal naphthoquinone, xanthones and secoiridoids from Swertia calycina. *Planta Medica*, **1995**, 61, 362-4	3.1	51
269	Xanthones fromChironia krebsii. *Phytochemistry*, **1991**, 30, 3625-3629	4	51
268	3-Ð-Glucopyranosyl-6-methoxy-2-benzoxazolinone (MBOA-N-Glc) is an insect detoxification product of maize 1,4-benzoxazin-3-ones. *Phytochemistry*, **2014**, 102, 97-105	4	50
267	Ultra High Pressure Liquid Chromatography for Crude Plant Extract Profiling. *Journal of AOAC INTERNATIONAL*, **2011**, 94, 51-70	1.7	48
266	Differential analysis of mycoalexins in confrontation zones of grapevine fungal pathogens by ultrahigh pressure liquid chromatography/time-of-flight mass spectrometry and capillary nuclear magnetic resonance. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 1127-34	5.7	46
265	Secoiridoids and antifungal aromatic acids from Gentiana algida. *Phytochemistry*, **1996**, 41, 111-6	4	46
264	The search for biologically active secondary metabolites **1997**, 51, 471-482		45
263	Development of a two-step screening ESI-TOF-MS method for rapid determination of significant stress-induced metabolome modifications in plant leaf extracts: the wound response in Arabidopsis thaliana as a case study. *Journal of Separation Science*, **2007**, 30, 2268-78	3.4	45

262	ent-Labdane glycosides from the aquatic plant Potamogeton lucens and analytical evaluation of the lipophilic extract constituents of various Potamogeton species. *Phytochemistry*, **2004**, 65, 945-54	4	45
261	The importance of hyphenated techniques in the discovery of new lead compounds from nature. *Expert Opinion on Drug Discovery*, **2006**, 1, 237-60	6.2	44
260	Evaporative light scattering and thermospray mass spectrometry: Two alternative methods for detection and quantitative liquid chromatographic determination of ginkgolides and bilobalide in Ginkgo biloba leaf extracts and phytopharmaceuticals. *Phytochemical Analysis*, **1995**, 6, 141-148	3.4	44
259	Rhodenthoside A, a New Type of Acylated Secoiridoid Glycoside from Gentiana rhodentha. *Helvetica Chimica Acta*, **1994**, 77, 1660-1671	2	44
258	Highly localized and persistent induction of Bx1-dependent herbivore resistance factors in maize. *Plant Journal*, **2016**, 88, 976-991	6.9	43
257	Integration of Microfractionation, qNMR and zebrafish screening for the in vivo bioassay-guided isolation and quantitative bioactivity analysis of natural products. *PLoS ONE*, **2013**, 8, e64006	3.7	42
256	Chemical composition of the bark of Tetrapterys mucronata and identification of acetylcholinesterase inhibitory constituents. *Journal of Natural Products*, **2014**, 77, 650-6	4.9	41
255	Zebrafish bioassay-guided microfractionation identifies anticonvulsant steroid glycosides from the Philippine medicinal plant Solanum torvum. *ACS Chemical Neuroscience*, **2014**, 5, 993-1004	5.7	41
254	Prenylated Flavanones from Monotes engleri: On-line Structure Elucidation by LC/UV/NMR. *Helvetica Chimica Acta*, **1998**, 81, 754-763	2	40
253	Use of liquid chromatography–thermospray mass spectrometry in phytochemical analysis of crude plant extracts. *Journal of Chromatography A*, **1993**, 647, 147-154	4.5	40
252	Taxonomically Informed Scoring Enhances Confidence in Natural Products Annotation. *Frontiers in Plant Science*, **2019**, 10, 1329	6.2	39
251	Retention time prediction for dereplication of natural products (CxHyOz) in LC-MS metabolite profiling. *Phytochemistry*, **2014**, 108, 196-207	4	39
250	Liquid chromatography-atmospheric pressure chemical ionisation/mass spectrometry: a rapid and selective method for the quantitative determination of ginkgolides and bilobalide in ginkgo leaf extracts and phytopharmaceuticals. *Phytochemical Analysis*, **2002**, 13, 31-8	3.4	39
249	A Physiological and Behavioral Mechanism for Leaf Herbivore-Induced Systemic Root Resistance. *Plant Physiology*, **2015**, 169, 2884-94	6.6	38
248	Mass spectrometry for the evaluation of cardiovascular diseases based on proteomics and lipidomics. *Thrombosis and Haemostasis*, **2011**, 106, 20-33	7	38
247	Within-plant distribution of 1,4-benzoxazin-3-ones contributes to herbivore niche differentiation in maize. *Plant, Cell and Environment*, **2015**, 38, 1081-93	8.4	36
246	High-Throughput Phospholipidic Fingerprinting by Online Desorption of Dried Spots and Quadrupole-Linear Ion Trap Mass Spectrometry: Evaluation of Atherosclerosis Biomarkers in Mouse Plasma. *Analytical Chemistry*, **2010**, 82, 6687-6694	7.8	36
245	Structural investigations of isomeric oxidised forms of hyperforin by HPLC-NMR and HPLC-MSn. *Phytochemical Analysis*, **2003**, 14, 290-7	3.4	36

244	Application of high performance liquid chromatography coupled with ultraviolet spectroscopy and electrospray mass spectrometry to the characterisation of ellagitannins from Terminalia macroptera roots. *Pharmaceutical Research*, **2000**, 17, 1396-401	4.5	36
243	Determination of pyrrolizidine alkaloids in senecio species by liquid chromatography/thermospray-mass spectrometry and liquid chromatography/nuclear magnetic resonance spectroscopy. *Planta Medica*, **1999**, 65, 562-6	3.1	35
242	Identification of infectious agents in onychomycoses by PCR-terminal restriction fragment length polymorphism. *Journal of Clinical Microbiology*, **2012**, 50, 553-61	9.7	34
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240	Dimeric flavonoids from Arrabidaea brachypoda and assessment of their anti-Trypanosoma cruzi activity. *Journal of Natural Products*, **2014**, 77, 1345-50	4.9	33
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237	Triterpenes and triterpenoid saponins from Mussaenda pubescens. *Phytochemistry*, **1997**, 45, 1073-8	4	33
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235	Rapid analysis of nucleotide-activated sugars by high-performance liquid chromatography coupled with diode-array detection, electrospray ionization mass spectrometry and nuclear magnetic resonance. *Journal of Chromatography A*, **2004**, 1034, 139-48	4.5	33
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233	Maize Domestication and Anti-Herbivore Defences: Leaf-Specific Dynamics during Early Ontogeny of Maize and Its Wild Ancestors. *PLoS ONE*, **2015**, 10, e0135722	3.7	33
232	Nauclea latifolia: biological activity and alkaloid phytochemistry of a West African tree. *Natural Product Reports*, **2016**, 33, 1034-43	15.1	32
231	Identification of the polar constituents of Potamogeton species by HPLC-UV with post-column derivatization, HPLC-MSn and HPLC-NMR, and isolation of a new ent-labdane diglycoside. *Phytochemistry*, **2004**, 65, 2401-10	4	32
230	ent-Labdane diterpenes from the aquatic plant Potamogeton pectinatus. *Phytochemistry*, **2003**, 64, 1309-17	4	32
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228	Advances in venomics. *Molecular BioSystems*, **2016**, 12, 3530-3543		32
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226	Mass spectrometry-based metabolomics oriented by correlation analysis for wound-induced molecule discovery: identification of a novel jasmonate glucoside. *Phytochemical Analysis*, **2010**, 21, 95-101	3.4	31
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224	LC/NMR in Natural Products Chemistry. *Current Organic Chemistry*, **1998**, 2, 575-596	1.7	31
223	Zebrafish-based identification of the antiseizure nucleoside inosine from the marine diatom Skeletonema marinoi. *PLoS ONE*, **2018**, 13, e0196195	3.7	29
222	Characterization of the polyphenolic composition of purple loosestrife (Lythrum salicaria). *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **2001**, 56, 13-20	1.7	29
221	Xanthones, secoiridoids and flavonoids from Halenia corniculata. *Phytochemistry*, **1995**, 40, 1265-1272	4	29
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219	Conjugation of N-acylhydrazone and 1,2,4-oxadiazole leads to the identification of active antimalarial agents. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 5693-5701	3.4	28
218	New approaches for studying the chemical diversity of natural resources and the bioactivity of their constituents. *Chimia*, **2012**, 66, 324-9	1.3	28
217	MS-based plant metabolomic approaches for biomarker discovery. *Natural Product Communications*, **2009**, 4, 1417-30	0.9	28
216	Unguiculin A and Ptilomycalins E-H, Antimalarial Guanidine Alkaloids from the Marine Sponge Monanchora unguiculata. *Journal of Natural Products*, **2017**, 80, 1404-1410	4.9	27
215	Occurrence of the synthetic analgesic tramadol in an African medicinal plant. *Angewandte Chemie - International Edition*, **2013**, 52, 11780-4	16.4	27
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213	The Importance Of LC-MS And LC-NMR In The Discovery Of New Lead Compounds From Plants. *Pharmaceutical Biology*, **2000**, 38 Suppl 1, 41-54	3.8	27
212	Pro-apoptotic and Anti-migratory Effects of L. Plant Extracts on the Human Prostate Cancer Cell Lines PC3. *Frontiers in Pharmacology*, **2017**, 8, 895	5.6	26
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210	Phenylpropanoid glycosides from Newbouldia laevis roots. *Phytochemistry*, **1997**, 44, 687-90	4	26
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202	Targeted Isolation of Monoterpene Indole Alkaloids from Palicourea sessilis. *Journal of Natural Products*, **2017**, 80, 3032-3037	4.9	25
201	Zebrafish bioassay-guided microfractionation for the rapid in vivo identification of pharmacologically active natural products. *Chimia*, **2012**, 66, 229-32	1.3	25
200	Xanthones in cell cultures of Hypericum androsaemum. *Planta Medica*, **2000**, 66, 380-1	3.1	25
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198	Tannins from Syzygium guineense suppress Wnt signaling and proliferation of Wnt-dependent tumors through a direct effect on secreted Wnts. *Cancer Letters*, **2018**, 435, 110-120	9.9	24
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196	Sesquiterpene glycosides from Dictamnus dasycarpus. *Phytochemistry*, **1998**, 47, 63-68	4	24
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194	Pharmacognosy in the digital era: shifting to contextualized metabolomics. *Current Opinion in Biotechnology*, **2018**, 54, 57-64	11.4	23
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192	Preussianone, a new flavanone-chromone biflavonoid from Garcinia preussii Engl. *Molecules*, **2012**, 17, 6114-25	4.8	23
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190	A database of high-resolution MS/MS spectra for lichen metabolites. *Scientific Data*, **2019**, 6, 294	8.2	23
189	Gastroprotective effects of hydroethanolic root extract of Arrabidaea brachypoda: Evidences of cytoprotection and isolation of unusual glycosylated polyphenols. *Phytochemistry*, **2017**, 135, 93-105	4	22
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187	Further acylated secoiridoid glucosides from Gentiana rhodantha. *Phytochemistry*, **1996**, 43, 805-810	4	22
186	Liquid chromatographic□thermospray mass spectrometric analysis of crude plant extracts containing phenolic and terpene glycosides. *Journal of Chromatography A*, **1993**, 647, 183-190	4.5	22
185	Targeted Isolation of Indolopyridoquinazoline Alkaloids from Conchocarpus fontanesianus Based on Molecular Networks. *Journal of Natural Products*, **2016**, 79, 2270-8	4.9	21
184	Comprehensive profiling and marker identification in non-volatile citrus oil residues by mass spectrometry and nuclear magnetic resonance. *Food Chemistry*, **2014**, 150, 235-45	8.5	21
183	Polyketide Skeletons from the Marine Alga-Derived Fungus Coniothyrium cereale. *European Journal of Organic Chemistry*, **2012**, 2012, 6197-6203	3.2	21
182	On-line identification of unstable catalpol derivatives from Jamesbrittenia fodina by LC-mS and LC-NMR. *Phytochemical Analysis*, **2003**, 14, 67-73	3.4	21
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180	Peptidomic and transcriptomic profiling of four distinct spider venoms. *PLoS ONE*, **2017**, 12, e0172966	3.7	20
179	Dynamics of Metabolite Induction in Fungal Co-cultures by Metabolomics at Both Volatile and Non-volatile Levels. *Frontiers in Microbiology*, **2018**, 9, 72	5.7	20
178	Anti-inflammatory, antimicrobial and antioxidant activities of Diospyros bipindensis (G□ke) extracts and its main constituents. *Journal of Ethnopharmacology*, **2013**, 146, 264-70	5	20
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176	Advances in LC platforms for drug discovery. *Expert Opinion on Drug Discovery*, **2010**, 5, 475-89	6.2	20
175	Standard machine learning algorithms applied to UPLC-TOF/MS metabolic fingerprinting for the discovery of wound biomarkers in Arabidopsis thaliana. *Chemometrics and Intelligent Laboratory Systems*, **2010**, 104, 20-27	3.8	20
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