Guido F Pauli

List of Publications by Citations

254 papers	10,551 citations	51 h-index	92 g-index
275 ext. papers	12,200 ext. citations	4.5 avg, IF	6.37 L-index

#	Paper	IF	Citations
254	The Essential Medicinal Chemistry of Curcumin. *Journal of Medicinal Chemistry*, **2017**, 60, 1620-1637	8.3	913
253	Quantitative 1H NMR: development and potential of a method for natural products analysis. *Journal of Natural Products*, **2005**, 68, 133-49	4.9	396
252	Natural Deep Eutectic Solvents: Properties, Applications, and Perspectives. *Journal of Natural Products*, **2018**, 81, 679-690	4.9	387
251	Quantitative 1H NMR. Development and potential of an analytical method: an update. *Journal of Natural Products*, **2012**, 75, 834-51	4.9	257
250	Low-oxygen-recovery assay for high-throughput screening of compounds against nonreplicating Mycobacterium tuberculosis. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 1380-5	5.9	256
249	Universal quantitative NMR analysis of complex natural samples. *Current Opinion in Biotechnology*, **2014**, 25, 51-9	11.4	225
248	G.U.E.S.S.—A Generally Useful Estimate of Solvent Systems for CCC. *Journal of Liquid Chromatography and Related Technologies*, **2005**, 28, 2777-2806	1.3	210
247	Importance of purity evaluation and the potential of quantitative ¹H NMR as a purity assay. *Journal of Medicinal Chemistry*, **2014**, 57, 9220-31	8.3	204
246	Countercurrent Separation of Natural Products: An Update. *Journal of Natural Products*, **2015**, 78, 1765-96	4.9	188
245	Xanthohumol isolated from Humulus lupulus Inhibits menadione-induced DNA damage through induction of quinone reductase. *Chemical Research in Toxicology*, **2005**, 18, 1296-305	4	171
244	Countercurrent separation of natural products. *Journal of Natural Products*, **2008**, 71, 1489-508	4.9	162
243	Dentin biomodification: strategies, renewable resources and clinical applications. *Dental Materials*, **2014**, 30, 62-76	5.7	157
242	Can Invalid Bioactives Undermine Natural Product-Based Drug Discovery?. *Journal of Medicinal Chemistry*, **2016**, 59, 1671-90	8.3	135
241	Safety and efficacy of black cohosh and red clover for the management of vasomotor symptoms: a randomized controlled trial. *Menopause*, **2009**, 16, 1156-66	2.5	130
240	Phytochemistry and biological properties of glabridin. *Fitoterapia*, **2013**, 90, 160-84	3.2	129
239	qNMR--a versatile concept for the validation of natural product reference compounds. *Phytochemical Analysis*, **2001**, 12, 28-42	3.4	124
238	Elution-extrusion countercurrent chromatography: theory and concepts in metabolic analysis. *Analytical Chemistry*, **2007**, 79, 3371-82	7.8	123

237	Major flavonoids from Arabidopsis thaliana leaves. *Journal of Natural Products*, **1999**, 62, 1301-3	4.9	118
236	Rational development of solvent system families in counter-current chromatography. *Journal of Chromatography A*, **2007**, 1151, 51-9	4.5	114
235	Serotonergic activity-guided phytochemical investigation of the roots of Angelica sinensis. *Journal of Natural Products*, **2006**, 69, 536-41	4.9	113
234	Cyanogenic allosides and glucosides from Passiflora edulis and Carica papaya. *Phytochemistry*, **2002**, 60, 873-82	4	111
233	A routine experimental protocol for qHNMR illustrated with Taxol. *Journal of Natural Products*, **2007**, 70, 589-95	4.9	106
232	Metabolism of xanthohumol and isoxanthohumol, prenylated flavonoids from hops (Humulus lupulus L.), by human liver microsomes. *Journal of Mass Spectrometry*, **2005**, 40, 289-99	2.2	106
231	The cyclic peptide ecumicin targeting ClpC1 is active against Mycobacterium tuberculosis in vivo. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 880-9	5.9	105
230	Estrogens and congeners from spent hops (Humulus lupulus). *Journal of Natural Products*, **2004**, 67, 2024-32	4.9	102
229	Comparison of the in vitro estrogenic activities of compounds from hops (Humulus lupulus) and red clover (Trifolium pratense). *Journal of Agricultural and Food Chemistry*, **2005**, 53, 6246-53	5.7	99
228	Cimicifuga species identification by high performance liquid chromatography-photodiode array/mass spectrometric/evaporative light scattering detection for quality control of black cohosh products. *Journal of Chromatography A*, **2006**, 1112, 241-54	4.5	97
227	New perspectives on natural products in TB drug research. *Life Sciences*, **2005**, 78, 485-94	6.8	94
226	Fukiic and piscidic acid esters from the rhizome of Cimicifuga racemosa and the in vitro estrogenic activity of fukinolic acid. *Planta Medica*, **1999**, 65, 763-4	3.1	94
225	Valerian extract and valerenic acid are partial agonists of the 5-HT5a receptor in vitro. *Molecular Brain Research*, **2005**, 138, 191-7		92
224	Identification of human hepatic cytochrome P450 enzymes involved in the metabolism of 8-prenylnaringenin and isoxanthohumol from hops (Humulus lupulus L.). *Drug Metabolism and Disposition*, **2006**, 34, 1152-9	4	86
223	Seasonal variation of red clover (Trifolium pratense L., Fabaceae) isoflavones and estrogenic activity. *Journal of Agricultural and Food Chemistry*, **2006**, 54, 1277-82	5.7	82
222	Galloyl moieties enhance the dentin biomodification potential of plant-derived catechins. *Acta Biomaterialia*, **2014**, 10, 3288-94	10.8	80
221	Factors in maintaining indigenous knowledge among ethnic communities of Manus Island. *Economic Botany*, **2005**, 59, 356-365	1.7	77
220	HiFSA fingerprinting applied to isomers with near-identical NMR spectra: the silybin/isosilybin case. *Journal of Organic Chemistry*, **2013**, 78, 2827-39	4.2	75

219	The chemical and biologic profile of a red clover (Trifolium pratense L.) phase II clinical extract. *Journal of Alternative and Complementary Medicine*, **2006**, 12, 133-9	2.4	74
218	Complete 1H NMR spectral analysis of ten chemical markers of Ginkgo biloba. *Magnetic Resonance in Chemistry*, **2012**, 50, 569-75	2.1	71
217	Biochemical characterization and anti-inflammatory properties of an isothiocyanate-enriched moringa (Moringa oleifera) seed extract. *PLoS ONE*, **2017**, 12, e0182658	3.7	71
216	Pharmacokinetics of prenylated hop phenols in women following oral administration of a standardized extract of hops. *Molecular Nutrition and Food Research*, **2014**, 58, 1962-9	5.9	70
215	Anti-tuberculosis constituents from the stem bark of Micromelum hirsutum. *Planta Medica*, **2005**, 71, 261-7	3.1	68
214	In vivo estrogenic comparisons of Trifolium pratense (red clover) Humulus lupulus (hops), and the pure compounds isoxanthohumol and 8-prenylnaringenin. *Chemico-Biological Interactions*, **2008**, 176, 30-9	5	67
213	The tandem of full spin analysis and qHNMR for the quality control of botanicals exemplified with Ginkgo biloba. *Journal of Natural Products*, **2012**, 75, 238-48	4.9	64
212	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. *Natural Product Reports*, **2019**, 36, 35-107	15.1	63
211	In vitro serotonergic activity of black cohosh and identification of N(omega)-methylserotonin as a potential active constituent. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 11718-26	5.7	63
210	Essential parameters for structural analysis and dereplication by (1)H NMR spectroscopy. *Journal of Natural Products*, **2014**, 77, 1473-87	4.9	61
209	Screening natural products for inhibitors of quinone reductase-2 using ultrafiltration LC-MS. *Analytical Chemistry*, **2011**, 83, 1048-52	7.8	60
208	Angelica sinensis and its alkylphthalides induce the detoxification enzyme NAD(P)H: quinone oxidoreductase 1 by alkylating Keap1. *Chemical Research in Toxicology*, **2008**, 21, 1939-48	4	58
207	Solvent effects in the structure dereplication of caffeoyl quinic acids. *Magnetic Resonance in Chemistry*, **1999**, 37, 827-836	2.1	57
206	Stereochemical analysis of leubethanol, an anti-TB-active serrulatane, from Leucophyllum frutescens. *Journal of Natural Products*, **2011**, 74, 1842-50	4.9	55
205	Purity-activity relationships of natural products: the case of anti-TB active ursolic acid. *Journal of Natural Products*, **2008**, 71, 1742-8	4.9	54
204	Evaluation of estrogenic activity of licorice species in comparison with hops used in botanicals for menopausal symptoms. *PLoS ONE*, **2013**, 8, e67947	3.7	54
203	Mimicking the hierarchical functions of dentin collagen cross-links with plant derived phenols and phenolic acids. *Langmuir*, **2014**, 30, 14887-93	4	51
202	Unbiased evaluation of bioactive secondary metabolites in complex matrices. *Fitoterapia*, **2012**, 83, 1218-25	3.2	50

201	Performance characteristics of countercurrent separation in analysis of natural products of agricultural significance. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 19-28	5.7	49
200	Coumaroyl iridoids and a depside from cranberry (Vaccinium macrocarpon). *Journal of Natural Products*, **2007**, 70, 253-8	4.9	49
199	Cyanogenic glycosides and menisdaurin from Guazuma ulmifolia, Ostrya virgininana, Tiquilia plicata and Tiquilia canescens. *Phytochemistry*, **2005**, 66, 1567-80	4	49
198	Phytoconstituents from Vitex agnus-castus fruits. *Fitoterapia*, **2011**, 82, 528-33	3.2	48
197	Analysis and purification of bioactive natural products: the AnaPurNa study. *Journal of Natural Products*, **2012**, 75, 1243-55	4.9	47
196	Mass spectrometric dereplication of nitrogen-containing constituents of black cohosh (Cimicifuga racemosa L.). *Fitoterapia*, **2012**, 83, 441-60	3.2	47
195	Higher order and substituent chemical shift effects in the proton NMR of glycosides. *Journal of Natural Products*, **2000**, 63, 834-8	4.9	46
194	Solubility study of phytochemical cross-linking agents on dentin stiffness. *Journal of Dentistry*, **2010**, 38, 431-6	4.8	45
193	Counter-current chromatography based analysis of synergy in an anti-tuberculosis ethnobotanical. *Journal of Chromatography A*, **2007**, 1151, 211-5	4.5	45
192	Validation of a generic quantitative (1)H NMR method for natural products analysis. *Phytochemical Analysis*, **2013**, 24, 581-97	3.4	44
191	Opioidergic mechanisms underlying the actions of Vitex agnus-castus L. *Biochemical Pharmacology*, **2011**, 81, 170-7	6	44
190	Sesquiterpenes from Oplopanax horridus. *Journal of Natural Products*, **2010**, 73, 563-7	4.9	44
189	Inhibition of uropathogenic Escherichia coli by cranberry juice: a new antiadherence assay. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 8940-7	5.7	44
188	Dynamic residual complexity of the isoliquiritigenin-liquiritigenin interconversion during bioassay. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 2146-57	5.7	43
187	Ethnopharmacological evaluation of the informant consensus model on anti-tuberculosis claims among the Manus. *Journal of Ethnopharmacology*, **2006**, 106, 82-9	5	42
186	Binding of the hop (Humulus lupulus L.) chalcone xanthohumol to cytosolic proteins in Caco-2 intestinal epithelial cells. *Molecular Nutrition and Food Research*, **2007**, 51, 872-9	5.9	41
185	Cimipronidine, a cyclic guanidine alkaloid from Cimicifuga racemosa. *Journal of Natural Products*, **2005**, 68, 1266-70	4.9	41
184	Discovery and characterization of the tuberculosis drug lead ecumicin. *Organic Letters*, **2014**, 16, 6044-7	6.2	39

183	Qualitative and quantitative evaluation of solvent systems for countercurrent separation. *Journal of Chromatography A*, **2015**, 1377, 55-63	4.5	38
182	Proton fingerprints portray molecular structures: enhanced description of the 1H NMR spectra of small molecules. *Journal of Organic Chemistry*, **2013**, 78, 9963-8	4.2	37
181	Orthogonal analytical methods for botanical standardization: determination of green tea catechins by qNMR and LC-MS/MS. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 93, 59-67	3.5	37
180	Dereplication, residual complexity, and rational naming: the case of the Actaea triterpenes. *Journal of Natural Products*, **2012**, 75, 432-43	4.9	37
179	Subtle Chemical Shifts Explain the NMR Fingerprints of Oligomeric Proanthocyanidins with High Dentin Biomodification Potency. *Journal of Organic Chemistry*, **2015**, 80, 7495-507	4.2	36
178	A galloylated dimeric proanthocyanidin from grape seed exhibits dentin biomodification potential. *Fitoterap* **2015**, 101, 169-78	3.2	36
177	Bioautography with TLC-MS/NMR for Rapid Discovery of Anti-tuberculosis Lead Compounds from Natural Sources. *ACS Infectious Diseases*, **2016**, 2, 294-301	5.5	36
176	Evolution of Quantitative Measures in NMR: Quantum Mechanical qHNMR Advances Chemical Standardization of a Red Clover (Trifolium pratense) Extract. *Journal of Natural Products*, **2017**, 80, 634-647	4.9	35
175	Occurrence of progesterone and related animal steroids in two higher plants. *Journal of Natural Products*, **2010**, 73, 338-45	4.9	35
174	Reciprocal symmetry plots as a representation of countercurrent chromatograms. *Analytical Chemistry*, **2007**, 79, 2320-4	7.8	35
173	Hop (Humulus lupulus L.) Extract and 6-Prenylnaringenin Induce P450 1A1 Catalyzed Estrogen 2-Hydroxylation. *Chemical Research in Toxicology*, **2016**, 29, 1142-50	4	34
172	Development of an extraction method for mycobacterial metabolome analysis. *Journal of Pharmaceutical and Biomedical Analysis*, **2006**, 41, 196-200	3.5	34
171	Integrated analytical assets aid botanical authenticity and adulteration management. *Fitoterap* **2018**, 129, 401-414	3.2	33
170	Silymarin content in populations growing in Egypt. *Industrial Crops and Products*, **2016**, 83, 729-737	5.9	33
169	Solvent System Selection Strategies in Countercurrent Separation. *Planta Medica*, **2015**, 81, 1582-91	3.1	33
168	Diarylheptanoids from Dioscorea villosa (Wild Yam). *Journal of Natural Products*, **2012**, 75, 2168-77	4.9	33
167	Trypanoside, anti-tuberculosis, leishmanicidal, and cytotoxic activities of tetrahydrobenzothienopyrimidines. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 2880-6	3.4	33
166	Anti-TB polyynes from the roots of Angelica sinensis. *Phytotherapy Research*, **2008**, 22, 878-82	6.7	33

165	Rufomycin Targets ClpC1 Proteolysis in Mycobacterium tuberculosis and M. abscessus. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	32
164	Hops (Humulus lupulus) inhibits oxidative estrogen metabolism and estrogen-induced malignant transformation in human mammary epithelial cells (MCF-10A). *Cancer Prevention Research*, **2012**, 5, 73-81	3.2	32
163	Differential regulation of detoxification enzymes in hepatic and mammary tissue by hops (Humulus lupulus) in vitro and in vivo. *Molecular Nutrition and Food Research*, **2013**, 57, 1055-66	5.9	32
162	Dynamic nature of the ligustilide complex. *Journal of Natural Products*, **2008**, 71, 1604-11	4.9	32
161	Toward Structural Correctness: Aquatolide and the Importance of 1D Proton NMR FID Archiving. *Journal of Organic Chemistry*, **2016**, 81, 878-89	4.2	31
160	Cytochrome P450 inhibition by three licorice species and fourteen licorice constituents. *European Journal of Pharmaceutical Sciences*, **2017**, 109, 182-190	5.1	31
159	GUESSmix-guided optimization of elution-extrusion counter-current separations. *Journal of Chromatography A*, **2009**, 1216, 4225-31	4.5	31
158	Inhibition of human cytochrome P450 enzymes by hops (Humulus lupulus) and hop prenylphenols. *European Journal of Pharmaceutical Sciences*, **2014**, 53, 55-61	5.1	30
157	Structure and anti-TB activity of trachylobanes from the liverwort Jungermannia exsertifolia ssp. cordifolia. *Journal of Natural Products*, **2010**, 73, 656-63	4.9	30
156	Countercurrent assisted quantitative recovery of metabolites from plant-associated natural deep eutectic solvents. *Fitoterapi* **2016**, 112, 30-37	3.2	30
155	The Multiple Biological Targets of Hops and Bioactive Compounds. *Chemical Research in Toxicology*, **2019**, 32, 222-233	4	30
154	Metabolite Profiling and Classification of DNA-Authenticated Licorice Botanicals. *Journal of Natural Products*, **2015**, 78, 2007-22	4.9	29
153	Chlorinated coumarins from the polypore mushroom Fomitopsis officinalis and their activity against Mycobacterium tuberculosis. *Journal of Natural Products*, **2013**, 76, 1916-22	4.9	29
152	Dissemination of original NMR data enhances reproducibility and integrity in chemical research. *Natural Product Reports*, **2016**, 33, 1028-33	15.1	29
151	Phytochemistry of cimicifugic acids and associated bases in Cimicifuga racemosa root extracts. *Phytochemical Analysis*, **2009**, 20, 120-33	3.4	27
150	Guanidine alkaloids and Pictet-Spengler adducts from black cohosh (Cimicifuga racemosa). *Journal of Natural Products*, **2009**, 72, 433-7	4.9	27
149	Strategies in anti-Mycobacterium tuberculosis drug discovery based on phenotypic screening. *Journal of Antibiotics*, **2019**, 72, 719-728	3.7	26
148	Quantification of a botanical negative marker without an identical standard: ginkgotoxin in Ginkgo biloba. *Journal of Natural Products*, **2014**, 77, 611-7	4.9	26

147	Curcumin May (Not) Defy Science. *ACS Medicinal Chemistry Letters*, **2017**, 8, 467-470	4.3	25
146	The antibiofilm activity of lingonberry flavonoids against oral pathogens is a case connected to residual complexity. *Fitoterapia*, **2014**, 97, 78-86	3.2	25
145	Quantitative purity-activity relationships of natural products: the case of anti-tuberculosis active triterpenes from Oplopanax horridus. *Journal of Natural Products*, **2013**, 76, 413-9	4.9	25
144	Induction of NAD(P)H:Quinone Oxidoreductase 1 (NQO1) by Glycyrrhiza Species Used for Women's Health: Differential Effects of the Michael Acceptors Isoliquiritigenin and Licochalcone A. *Chemical Research in Toxicology*, **2015**, 28, 2130-41	4	25
143	Advanced applications of counter-current chromatography in the isolation of anti-tuberculosis constituents from Dracaena angustifolia. *Journal of Chromatography A*, **2007**, 1151, 169-74	4.5	25
142	Integrated standardization concept for Angelica botanicals using quantitative NMR. *Fitoterapia*, **2012**, 83, 18-32	3.2	24
141	Dynamic residual complexity of natural products by qHNMR: solution stability of desmethylxanthohumol. *Planta Medica*, **2009**, 75, 757-62	3.1	24
140	The Essential Medicinal Chemistry of Cannabidiol (CBD). *Journal of Medicinal Chemistry*, **2020**, 63, 12137-12155	8.3	24
139	Differential Effects of Glycyrrhiza Species on Genotoxic Estrogen Metabolism: Licochalcone A Downregulates P450 1B1, whereas Isoliquiritigenin Stimulates It. *Chemical Research in Toxicology*, **2015**, 28, 1584-94	4	23
138	Pharmacognosy in the digital era: shifting to contextualized metabolomics. *Current Opinion in Biotechnology*, **2018**, 54, 57-64	11.4	23
137	Improving natural product research translation: From source to clinical trial. *FASEB Journal*, **2020**, 34, 41-65	0.9	23
136	Absolute Configuration of Native Oligomeric Proanthocyanidins with Dentin Biomodification Potency. *Journal of Organic Chemistry*, **2017**, 82, 1316-1329	4.2	22
135	2D NMR barcoding and differential analysis of complex mixtures for chemical identification: the Actaea triterpenes. *Analytical Chemistry*, **2014**, 86, 3964-72	7.8	22
134	Biological and chemical standardization of a hop (Humulus lupulus) botanical dietary supplement. *Biomedical Chromatography*, **2014**, 28, 729-34	1.7	22
133	Design of countercurrent separation of Ginkgo biloba terpene lactones by nuclear magnetic resonance. *Journal of Chromatography A*, **2012**, 1242, 26-34	4.5	22
132	GABAergic phthalide dimers from Angelica sinensis (Oliv.) Diels. *Phytochemical Analysis*, **2006**, 17, 398-405	3.4	22
131	In vitro metabolic interactions between black cohosh (Cimicifuga racemosa) and tamoxifen via inhibition of cytochromes P450 2D6 and 3A4. *Xenobiotica*, **2011**,	2	21
130	Metabolism of the tomato saponin tomatine by Gibberella pulicaris. *Phytochemistry*, **1998**, 48, 1321-1328	4	21

129	Evaluation of glucoiberin reference material from Iberis amara by spectroscopic fingerprinting. *Journal of Natural Products*, **2002**, 65, 517-22	4.9	21
128	DESIGNER Extracts as Tools to Balance Estrogenic and Chemopreventive Activities of Botanicals for Women's Health. *Journal of Natural Products*, **2017**, 80, 2284-2294	4.9	20
127	Centrifugal partition chromatography enables selective enrichment of trimeric and tetrameric proanthocyanidins for biomaterial development. *Journal of Chromatography A*, **2018**, 1535, 55-62	4.5	19
126	A standardized Humulus lupulus (L.) ethanol extract partially prevents ovariectomy-induced bone loss in the rat without induction of adverse effects in the uterus. *Phytomedicine*, **2017**, 34, 50-58	6.5	19
125	The University of Illinois at Chicago/National Institutes of Health Center for Botanical Dietary Supplements Research for Women's Health: from plant to clinical use. *American Journal of Clinical Nutrition*, **2008**, 87, 504S-8S	7	19
124	Complete (1)H NMR spectral fingerprint of huperzine A. *Magnetic Resonance in Chemistry*, **2007**, 45, 878-82	2.1	19
123	An NMR method towards the routine chiral determination of natural products. *Phytochemical Analysis*, **2004**, 15, 213-9	3.4	19
122	Evidence to the role of interflavan linkages and galloylation of proanthocyanidins at sustaining long-term dentin biomodification. *Dental Materials*, **2019**, 35, 328-334	5.7	19
121	Residual Complexity Does Impact Organic Chemistry and Drug Discovery: The Case of Rufomyazine and Rufomycin. *Journal of Organic Chemistry*, **2018**, 83, 6664-6672	4.2	19
120	The Generally Useful Estimate of Solvent Systems (GUESS) method enables the rapid purification of methylpyridoxine regioisomers by countercurrent chromatography. *Journal of Chromatography A*, **2015**, 1426, 248-51	4.5	18
119	Sweet spot matching: A thin-layer chromatography-based countercurrent solvent system selection strategy. *Journal of Chromatography A*, **2017**, 1504, 46-54	4.5	17
118	Orthogonal Analysis Underscores the Relevance of Primary and Secondary Metabolites in Licorice. *Journal of Natural Products*, **2014**, 77, 1806-16	4.9	17
117	K-targeted metabolomic analysis extends chemical subtraction to DESIGNER extracts: selective depletion of extracts of hops (Humulus lupulus). *Journal of Natural Products*, **2014**, 77, 2595-604	4.9	17
116	Species-specific Standardisation of Licorice by Metabolomic Profiling of Flavanones and Chalcones. *Phytochemical Analysis*, **2014**, 25, 378-88	3.4	17
115	Red Clover Aryl Hydrocarbon Receptor (AhR) and Estrogen Receptor (ER) Agonists Enhance Genotoxic Estrogen Metabolism. *Chemical Research in Toxicology*, **2017**, 30, 2084-2092	4	16
114	Silybum marianum pericarp yields enhanced silymarin products. *Fitoterapia*, **2016**, 112, 136-43	3.2	16
113	High-content screening and mechanism-based evaluation of estrogenic botanical extracts. *Combinatorial Chemistry and High Throughput Screening*, **2008**, 11, 283-93	1.3	16
112	An experimental implementation of chemical subtraction. *Journal of Pharmaceutical and Biomedical Analysis*, **2008**, 46, 692-8	3.5	16

111	Oligomeric proanthocyanidins released from dentin induce regenerative dental pulp cell response. *Acta Biomaterialia*, **2017**, 55, 262-270	10.8	15
110	High-Resolution Structure of ClpC1-Rufomycin and Ligand Binding Studies Provide a Framework to Design and Optimize Anti-Tuberculosis Leads. *ACS Infectious Diseases*, **2019**, 5, 829-840	5.5	15
109	New finding of an anti-TB compound in the genus Marsypopetalum (Annonaceae) from a traditional herbal remedy of Laos. *Journal of Ethnopharmacology*, **2014**, 151, 903-11	5	15
108	Separation of natural products by countercurrent chromatography. *Methods in Molecular Biology*, **2012**, 864, 221-54	1.4	15
107	Sulfates as novel steroid metabolites in higher plants. *Phytochemistry*, **1999**, 52, 1075-1084	4	15
106	The LOTUS Initiative for Open Natural Products Research: Knowledge Management through Wikidata		15
105	Quality Control of Therapeutic Peptides by H NMR HiFSA Sequencing. *Journal of Organic Chemistry*, **2019**, 84, 3055-3073	4.2	14
104	Holistic Analysis Enhances the Description of Metabolic Complexity in Dietary Natural Products. *Advances in Nutrition*, **2016**, 7, 179-89	10	14
103	Digital NMR profiles as building blocks: assembling □H fingerprints of steviol glycosides. *Journal of Natural Products*, **2015**, 78, 658-65	4.9	14
102	Chlorination diversifies Cimicifuga racemosa triterpene glycosides. *Journal of Natural Products*, **2007**, 70, 1016-23	4.9	14
101	The cardenolides of Speirantha convallarioides. *Planta Medica*, **1995**, 61, 162-6	3.1	14
100	Selective Depletion and Enrichment of Constituents in "Curcumin" and Other Curcuma longa Preparations. *Journal of Natural Products*, **2019**, 82, 621-630	4.9	13
99	Antimycobacterial Rufomycin Analogues from Strain MJM3502. *Journal of Natural Products*, **2020**, 83, 657-667	4.9	13
98	Estrogen Receptor (ER) Subtype Selectivity Identifies 8-Prenylapigenin as an ER□Agonist from Glycyrrhiza inflata and Highlights the Importance of Chemical and Biological Authentication. *Journal of Natural Products*, **2018**, 81, 966-975	4.9	13
97	Suadimins A-C, Unprecedented Dimeric Quinoline Alkaloids with Antimycobacterial Activity from. *Organic Letters*, **2019**, 21, 7065-7068	6.2	13
96	Hytramycins V and I, anti-Mycobacterium tuberculosis hexapeptides from a Streptomyces hygroscopicus strain. *Journal of Natural Products*, **2013**, 76, 2009-18	4.9	13
95	□H-NMR fingerprinting of Vaccinium vitis-idaea flavonol glycosides. *Phytochemical Analysis*, **2013**, 24, 476-83	3.4	13
94	Modification of the side chain of micromolide, an anti-tuberculosis natural product. *Bioorganic and Medicinal Chemistry Letters*, **2008**, 18, 5311-5	2.9	13

93	Extra-Column Volume in CCC. *Journal of Liquid Chromatography and Related Technologies*, **2005**, 28, 1799-1818	1.3	13
92	Comprehensive spectroscopic investigation of alpha-onocerin. *Planta Medica*, **2000**, 66, 299-302	3.1	13
91	Alepposides, cardenolide oligoglycosides from Adonis aleppica. *Journal of Natural Products*, **1993**, 56, 67-75	4.9	13
90	Dynamics of the isoflavone metabolome of traditional preparations of Trifolium pratense L. *Journal of Ethnopharmacology*, **2019**, 238, 111865	5	12
89	The influence of natural deep eutectic solvents on bioactive natural products: studying interactions between a hydrogel model and Schisandra chinensis metabolites. *Fitoterapia*, **2018**, 127, 212-219	3.2	12
88	Airborne antituberculosis activity of Eucalyptus citriodora essential oil. *Journal of Natural Products*, **2014**, 77, 603-10	4.9	12
87	Stereochemistry of a Second Riolozane and Other Diterpenoids from Jatropha dioica. *Journal of Natural Products*, **2017**, 80, 2252-2262	4.9	12
86	CCC Sample Cutting for Isolation of Prenylated Phenolics from Hops. *Journal of Liquid Chromatography and Related Technologies*, **2005**, 28, 1959-1969	1.3	12
85	CCC in the Phytochemical Analysis of Anti-Tuberculosis Ethnobotanicals. *Journal of Liquid Chromatography and Related Technologies*, **2005**, 28, 2017-2028	1.3	12
84	Chiral key positions in Uzara steroids. *Phytochemical Analysis*, **2000**, 11, 79-89	3.4	12
83	Comprehensive Spectroscopic Investigation of Onocerin. *Planta Medica*, **2000**, 66, 299-302	3.1	12
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