

# Gerhard Bringmann

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4111492/gerhard-bringmann-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

201  
papers

9,638  
citations

47  
h-index

89  
g-index

203  
ext. papers

10,647  
ext. citations

5  
avg, IF

5.95  
L-index

#	Paper	IF	Citations
201	Atroposelective synthesis of axially chiral biaryl compounds. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5384-427	16.4	1008
200	Atroposelective total synthesis of axially chiral biaryl natural products. <i>Chemical Reviews</i> , <b>2011</b> , 111, 563-639	68.1	847
199	SpecDis: quantifying the comparison of calculated and experimental electronic circular dichroism spectra. <i>Chirality</i> , <b>2013</b> , 25, 243-9	2.1	703
198	The Assignment of Absolute Stereostructures through Quantum Chemical Circular Dichroism Calculations. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 2717-2727	3.2	276
197	Stereoselective total synthesis of axially chiral natural products via biaryl lactones. <i>Accounts of Chemical Research</i> , <b>2001</b> , 34, 615-24	24.3	261
196	The Lactone Concept: An Efficient Pathway to Axially Chiral Natural Products and Useful Reagents. <i>Synthesis</i> , <b>1999</b> , 1999, 525-558	2.9	197
195	Anti-HIV michellamines from <i>Ancistrocladus korupensis</i> . <i>Journal of Medicinal Chemistry</i> , <b>1994</b> , 37, 1740-58,3		195
194	Korupensamines A-D, Novel Antimalarial Alkaloids from <i>Ancistrocladus korupensis</i> . <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 6349-6355	4.2	155
193	Murrastifoline-F: first total synthesis, atropo-enantiomer resolution, and stereoanalysis of an axially chiral N,C-coupled biaryl alkaloid. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 2703-11	16.4	144
192	The online assignment of the absolute configuration of natural products: HPLC-CD in combination with quantum chemical CD calculations. <i>Chirality</i> , <b>2008</b> , 20, 628-42	2.1	114
191	Ancistrotanzanine C and related 5,1'- and 7,3'-coupled naphthylisoquinoline alkaloids from <i>Ancistrocladus tanzaniensis</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 743-8	4.9	114
190	On the structure of the dioncophyllaceae alkaloids dioncophylline a (triphophylline) and D-Methyl-Triphophylline <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 639-642	2	93
189	Ancistroealaines A and B, two new bioactive naphthylisoquinolines, and related naphthoic acids from <i>Ancistrocladus ealaensis</i> . <i>Journal of Natural Products</i> , <b>2000</b> , 63, 1465-70	4.9	90
188	Oxidative aryl coupling reactions: a biomimetic approach to configurationally unstable or axially chiral biaryl natural products and related bioactive compounds. <i>Tetrahedron</i> , <b>2001</b> , 57, 331-343	2.4	89
187	Axially chiral BODIPY DYEmers: an apparent exception to the exciton chirality rule. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14592-5	16.4	86
186	Axially chiral beta,beta'-bisporphyrins: synthesis and configurational stability tuned by the central metals. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 17812-5	16.4	85
185	Michellamines D-F, new HIV-inhibitory dimeric naphthylisoquinoline alkaloids, and korupensamine E, a new antimalarial monomer, from <i>Ancistrocladus korupensis</i> . <i>Journal of Natural Products</i> , <b>1997</b> , 60, 677-83	4.9	84

- 184 A Convergent Total Synthesis of the Michellamines?. *Journal of Organic Chemistry*, **1998**, 63, 1090-1097 4.2 83
- 183 HPLC-CD On-Line Coupling in Combination with HPLC-NMR and HPLC-MS/MS for the Determination of the Full Absolute Stereostructure of New Metabolites in Plant Extracts. *Analytical Chemistry*, **1999**, 71, 2678-2686 7.8 83
- 182 First total synthesis of (±)-dioncophylline A (±)-triphyophylline and of selected stereoisomers: Complete (revised) stereostructure. *Tetrahedron Letters*, **1990**, 31, 643-646 2 81
- 181 Stereochemistry of isoplagiochin C, a macrocyclic bisbenzyl from liverworts. *Journal of the American Chemical Society*, **2004**, 126, 9283-90 16.4 77
- 180 An improved degradation procedure for determination of the absolute configuration in chiral isoquinoline and carboline derivatives. *Phytochemistry*, **1996**, 43, 1393-1403 4 76
- 179 Regioselective and Atropoisomeric-Selective Aryl Coupling to Give Naphthyl Isoquinoline Alkaloids: The First Total Synthesis of (?)-Ancistrocladine. *Angewandte Chemie International Edition in English*, **1986**, 25, 913-915 74
- 178 A New Biosynthetic Pathway to Alkaloids in Plants: Acetogenic Isoquinolines We thank Dr. D. Marek and Dr. D. Moskau (Bruker AG, Fällanden, Switzerland), who made the cryoprobe technique available to us, Prof. L. Akissi (Centre National de Floristique, Abidjan Ivory Coast) for a long and fruitful collaboration on Dioncophyllaceae and Ancistrocladaceae plants, and Dr. D. Scheutzow 16.4 73
- 177 Xylogranatins F-R: antifeedants from the Chinese mangrove, *Xylocarpus granatum*, a new biogenetic pathway to tetranortriterpenoids. *Chemistry - A European Journal*, **2008**, 14, 1129-440, 39, 1464-1466 4.8 72
- 176 Acetogenic Isoquinoline Alkaloids, L. The Synthesis of All Possible Isomeric 6,8-Dioxygenated 1,3-Dimethyl-1,2,3,4-tetrahydroisoquinoline Methyl Ethers [Useful Chiral Building Blocks for Naphthylisoquinoline Alkaloids. *Liebigs Annalen Der Chemie*, **1993**, 1993, 877-888 71
- 175 First atropo-divergent total synthesis of the antimalarial korupensamines A and B by the "lactone method". *Journal of Organic Chemistry*, **2000**, 65, 2069-77 4.2 65
- 174 First synthesis of the antimalarial naphthylisoquinoline alkaloid dioncophylline C, and its unnatural anti-HIV dimer, jozimine C. *Tetrahedron*, **1998**, 54, 497-512 2.4 64
- 173 Activities of naphthylisoquinoline alkaloids and synthetic analogs against *Leishmania major*. *Antimicrobial Agents and Chemotherapy*, **2007**, 51, 188-94 5.9 64
- 172 Ancistrocladinium A and B, the first N,C-coupled naphthylidihydroisoquinoline alkaloids, from a Congolese ancistrocladus species. *Journal of Organic Chemistry*, **2006**, 71, 9348-56 4.2 64
- 171 Analysis of the glucosinolate pattern of *Arabidopsis thaliana* seeds by capillary zone electrophoresis coupled to electrospray ionization-mass spectrometry. *Electrophoresis*, **2005**, 26, 1513-22<sup>6</sup> 62
- 170 Extract screening by HPLC coupled to MS-MS, NMR, and CD: a dimeric and three monomeric naphthylisoquinoline alkaloids from *Ancistrocladus griffithii*. *Phytochemistry*, **2002**, 61, 195-204 4 60
- 169 Chapter 4 The Naphthylisoquinoline Alkaloids. *Alkaloids: Chemistry and Pharmacology*, **1995**, 46, 127-271 60
- 168 Axially chiral directly beta,beta-linked bisporphyrins: synthesis and stereostructure. *Organic Letters*, **2006**, 8, 4743-6 6.2 58
- 167 Regiodivergent N-C and N-N aryl coupling reactions of indoloterpenes and cycloether formation mediated by a single bacterial flavoenzyme. *Angewandte Chemie - International Edition*, **2013**, 52, 9040-3<sup>16.4</sup> 57

166	Different polyketide folding modes converge to an identical molecular architecture <b>2006</b> , 2, 429-33		57
165	Activity of extracts and naphthylisoquinoline alkaloids from <i>Triphyophyllum peltatum</i> , <i>Ancistrocladus abbreviatus</i> and <i>A. Barteri</i> against <i>Plasmodium falciparum</i> in vitro?. <i>Phytochemistry</i> , <b>1994</b> , 35, 1461-1464	4	57
164	Ancistrotanzanine A, the first 5,3'-coupled naphthylisoquinoline alkaloid, and two further, 5,8'-linked related compounds from the newly described species <i>Ancistrocladus tanzaniensis</i> . <i>Journal of Natural Products</i> , <b>2003</b> , 66, 1159-65	4.9	55
163	ancistrobrevine B, the first naphthylisoquinoline alkaloid with a 5,8'-coupling site, and related compounds from <i>Ancistrocladus abbreviatus</i> . <i>Phytochemistry</i> , <b>1992</b> , 31, 4011-4014	4	55
162	Atroposelective biaryl coupling with chiral catalysts: total synthesis of the antileishmanial naphthylisoquinoline alkaloids ancistrotanzanine B and ancistroealaine A. <i>Organic Letters</i> , <b>2003</b> , 5, 2805-8	6.2	54
161	Perylene bisimide atropisomers: synthesis, resolution, and stereochemical assignment. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 3403-11	4.2	53
160	Ancistrocongolines A-D, new naphthylisoquinoline alkaloids from <i>ancistrocladus congolensis</i> . <i>Journal of Natural Products</i> , <b>2002</b> , 65, 1096-101	4.9	53
159	Ancisheynine, the first n,c-coupled naphthylisoquinoline alkaloid: total synthesis and stereochemical analysis. <i>Organic Letters</i> , <b>2006</b> , 8, 1037-40	6.2	52
158	Biomimetic oxidative dimerization of korupensamine A: Completion of the first total synthesis of michellamines A, B, and C. <i>Tetrahedron</i> , <b>1994</b> , 50, 9643-9648	2.4	51
157	Korundamine A, a novel HIV-inhibitory and antimalarial "hybrid" naphthylisoquinoline alkaloid heterodimer from <i>Ancistrocladus korupensis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1998</b> , 8, 1729-34	2.9	50
156	Dioncophylline E from <i>Dioncophyllum thollonii</i> , the first 7,3'-coupled dioncophyllaceous naphthylisoquinoline alkaloid. <i>Phytochemistry</i> , <b>2002</b> , 60, 389-97	4	48
155	Convergent total synthesis of the michellamines. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 7621-7624	2	47
154	Aryl-coupling via axially prostereogenic lactones: First total synthesis of (+)-ancistrocladisine and (optionally) its atropisomer. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 5249-5252	2	46
153	Dioncophyllines C, D, and F and Related Naphthylisoquinoline Alkaloids from the Congolese Liana <i>Ancistrocladus ileboensis</i> with Potent Activities against <i>Plasmodium falciparum</i> and against Multiple Myeloma and Leukemia Cell Lines. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 443-458	4.9	45
152	Jozimine A2: the first dimeric Dioncophyllaceae-type naphthylisoquinoline alkaloid, with three chiral axes and high antiplasmodial activity. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 916-23	4.8	45
151	Stress-related polyketide metabolism of Dioncophyllaceae and Ancistrocladaceae. <i>Journal of Experimental Botany</i> , <b>2001</b> , 52, 2015-22	7	45
150	Dioncophylline C from the roots of <i>Triphyophyllum peltatum</i> , the first 5,1'-coupled dioncophyllaceous alkaloid. <i>Phytochemistry</i> , <b>1992</b> , 31, 4019-4024	4	45
149	HPLC/MS/MS On-Line Coupling Including the ROESY Technique: Direct Characterization of Naphthylisoquinoline Alkaloids in Crude Plant Extracts. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 2805-2811	7.8	44

148	Mbandakamines A and B, unsymmetrically coupled dimeric naphthylisoquinoline alkaloids, from a Congolese <i>Ancistrocladus</i> species. <i>Organic Letters</i> , <b>2013</b> , 15, 2590-3	6.2	43
147	Total synthesis of the N,C-coupled naphthylisoquinoline alkaloids ancistrocladinium A and B and related analogues. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1151-8	16.4	43
146	A photometric screening method for dimeric naphthylisoquinoline alkaloids and complete on-line structural elucidation of a dimer in crude plant extracts, by the LC-MS/LC-NMR/LC-CD triad. <i>Analytical Chemistry</i> , <b>2001</b> , 73, 2571-7	7.8	43
145	Dioncopeltine A and dioncolactone A: Alkaloids from <i>Triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>1991</b> , 30, 1691-1696	4	43
144	Ancistrolikokine D, a 5,8'-coupled naphthylisoquinoline alkaloid, and related natural products from <i>Ancistrocladus likoko</i> . <i>Phytochemistry</i> , <b>2003</b> , 62, 631-6	4	41
143	Acetogenic Isoquinoline Alkaloids, LXXXII. Biomimetic Total Synthesis of Michellamines A $\bar{C}$ . <i>Liebigs Annalen</i> , <b>1996</b> , 1996, 2045-2058		41
142	Ultrasensitive in situ tracing of the alkaloid dioncophylline A in the tropical liana <i>Triphyophyllum peltatum</i> by applying deep-UV resonance Raman microscopy. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 986-93	7.8	40
141	Ancistrobertsonines B, C, and D as well as 1,2-didehydroancistrobertsonine D from <i>Ancistrocladus robertsoniorum</i> . <i>Phytochemistry</i> , <b>1999</b> , 52, 321-332	4	40
140	Atrop-diastereomer separation by racemate resolution techniques: N-methyl-dioncophylline A and its 7-epimer from <i>Ancistrocladus abbreviatus</i> . <i>Phytochemistry</i> , <b>1991</b> , 30, 1307-1310	4	40
139	Knipholone and related 4-phenylanthraquinones: structurally, pharmacologically, and biosynthetically remarkable natural products. <i>Natural Product Reports</i> , <b>2008</b> , 25, 696-718	15.1	39
138	Circular dichroism of michellamines: Independent assignment of axial chirality by calculated and experimental CD spectra. <i>Tetrahedron</i> , <b>1994</b> , 50, 7807-7814	2.4	39
137	Ancistrolikokine E, a 5,8'-Coupled Naphthylisoquinoline Alkaloid, Eliminates the Tolerance of Cancer Cells to Nutrition Starvation by Inhibition of the Akt/mTOR/Autophagy Signaling Pathway. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 2282-2291	4.9	39
136	ent-Dioncophylleine A and related dehydrogenated naphthylisoquinoline alkaloids, the first Asian dioncophyllaceae-type alkaloids, from the "new" plant species <i>Ancistrocladus benomensis</i> . <i>Journal of Natural Products</i> , <b>2005</b> , 68, 686-90	4.9	38
135	Saludimerines A and B, novel-type dimeric alkaloids with stereogenic centers and configurationally semistable biaryl axes. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 8602-8	4.2	38
134	A facile degradation procedure for determination of absolute configuration in 1,3-dimethyltetra- and dihydroisoquinolines. <i>Phytochemistry</i> , <b>1991</b> , 30, 2067-2070	4	38
133	Synthesis and stereochemistry of highly unsymmetric beta,meso-linked porphyrin arrays. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8005-20	4.2	37
132	Six naphthylisoquinoline alkaloids and a related benzopyranone from a Congolese <i>Ancistrocladus</i> species related to <i>Ancistrocladus congolensis</i> . <i>Phytochemistry</i> , <b>2008</b> , 69, 1065-75	4	36
131	Total synthesis of the antimalarial naphthylisoquinoline alkaloid 5-epi-4?-O-demethylancistrobertsonine C by asymmetric Suzuki cross-coupling. <i>Tetrahedron</i> , <b>2008</b> , 64, 5563-5568	2.4	36

130	In vivo localization and identification of the antiplasmodial alkaloid dioncophylline A in the tropical liana <i>Triphyophyllum peltatum</i> by a combination of fluorescence, near infrared Fourier transform Raman microscopy, and density functional theory calculations. <i>Biopolymers</i> , <b>2006</b> , 82, 295-300	2.2	36
129	Synthesis, optical resolution, and configurational assignment of novel axially chiral quateraryls. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 7765-8	4.2	35
128	First Total Synthesis of Korupensamines A and B. <i>Heterocycles</i> , <b>1994</b> , 39, 503	0.8	35
127	Dioncophylline B, a naphthylisoquinoline alkaloid with a new coupling type from <i>Triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>1991</b> , 30, 3845-3847	4	35
126	The Absolute Configuration of Michellamine B, a Dimeric Anti-HIV-Active Naphthylisoquinoline Alkaloid. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 1190-1191		35
125	Structural analysis of the anti-malaria active agent chloroquine under physiological conditions. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 1815-22	3.4	34
124	Andhraxylocarpins A-E: structurally intriguing limonoids from the true mangroves <i>Xylocarpus granatum</i> and <i>Xylocarpus moluccensis</i> . <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 14342-51	4.8	33
123	Siamese-twin porphyrin: a pyrazole-based expanded porphyrin of persistent helical conformation. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5868-80	4.8	32
122	5'-O-demethyldioncophylline A, a new antimalarial alkaloid from <i>triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>1998</b> , 49, 1667-1673	4	32
121	First synthesis of mastigophorenes A and B, by biomimetic oxidative coupling of herbertenediol. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 483-486	2	32
120	HIV-inhibitory michellamine-type dimeric naphthylisoquinoline alkaloids from the Central African liana <i>Ancistrocladus congolensis</i> . <i>Phytochemistry</i> , <b>2016</b> , 128, 71-81	4	32
119	Highly selective antiplasmodial naphthylisoquinoline alkaloids from <i>Ancistrocladus tectorius</i> . <i>Phytochemistry</i> , <b>2013</b> , 91, 220-8	4	31
118	Structure-activity relationship and studies on the molecular mechanism of leishmanicidal N,C-coupled arylisoquinolinium salts. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 626-36	8.3	31
117	Shuangancistrotectorines A-E, dimeric naphthylisoquinoline alkaloids with three chiral biaryl axes from the Chinese plant <i>Ancistrocladus tectorius</i> . <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 4206-16	4.8	31
116	Analytical characterisation of crude extracts from an African <i>Ancistrocladus</i> species using high-performance liquid chromatography and capillary electrophoresis coupled to ion trap mass spectrometry. <i>Phytochemical Analysis</i> , <b>2004</b> , 15, 21-6	3.4	30
115	Convergence in the biosynthesis of acetogenic natural products from plants, fungi, and bacteria. <i>Phytochemistry</i> , <b>2009</b> , 70, 1776-86	4	29
114	Biosynthesis of naphthylisoquinoline alkaloids: synthesis and incorporation of an advanced <sup>13</sup> C <sub>2</sub> -labeled isoquinoline precursor. <i>Tetrahedron</i> , <b>2007</b> , 63, 1755-1761	2.4	29
113	Habropetaline A, an antimalarial naphthylisoquinoline alkaloid from <i>Triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>2003</b> , 62, 345-9	4	29

112	Cis- and trans-isoshinanolone from <i>Dioncophyllum thollonii</i> : absolute configuration of two 'known', wide-spread natural products Part 127 in the series 'Acetogenic isoquinoline alkaloids'. For part 126, see Bringmann et al., submitted for publication (a).1. <i>Phytochemistry</i> , <b>1999</b> , 51, 693-699	4	29
111	Jozimine A (Dimeric Dioncophylline A), a non-natural michellamine analog with high antimalarial activity. <i>Tetrahedron</i> , <b>1996</b> , 52, 13409-13418	2.4	29
110	Feeding deterrence and growth retarding activity of the naphthylisoquinoline alkaloid dioncophylline A against <i>Spodoptera littoralis</i> . <i>Phytochemistry</i> , <b>1992</b> , 31, 3821-3825	4	29
109	Phenolic analogs of the N,C-coupled naphthylisoquinoline alkaloid ancistrocladinium A, from <i>Ancistrocladus cochinchinensis</i> (Ancistrocladaceae), with improved antiprotozoal activities. <i>Phytochemistry</i> , <b>2011</b> , 72, 89-93	4	28
108	Jozilebomines A and B, Naphthylisoquinoline Dimers from the Congolese Liana <i>Ancistrocladus ileboensis</i> , with Antiausterity Activities against the PANC-1 Human Pancreatic Cancer Cell Line. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 2807-2817	4.9	27
107	Dimeric naphthylisoquinoline alkaloids: polyketide-derived axially chiral bioactive quateraryls. <i>Natural Product Reports</i> , <b>2019</b> , 36, 1513-1545	15.1	27
106	Joziknipholones A and B: the first dimeric phenylanthraquinones, from the roots of <i>Bulbine frutescens</i> . <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 1420-9	4.8	27
105	In vitro inhibition of liver forms of the rodent malaria parasite <i>Plasmodium berghei</i> by naphthylisoquinoline alkaloids—structure-activity relationships of dioncophyllines A and C and ancistrocladine. <i>Parasitology Research</i> , <b>1997</b> , 83, 673-9	2.4	26
104	Characterization of enzymes from <i>Ancistrocladus</i> (Ancistrocladaceae) and <i>Triphyophyllum</i> (Dioncophyllaceae) catalyzing oxidative coupling of naphthylisoquinoline alkaloids to michellamines. <i>Archives of Biochemistry and Biophysics</i> , <b>1998</b> , 350, 87-94	4.1	26
103	Differential sensitivity of erythrocytic stages of the rodent malaria parasite <i>Plasmodium chabaudi chabaudi</i> to dioncophylline B, a highly active naphthylisoquinoline alkaloid. <i>Parasitology Research</i> , <b>1999</b> , 85, 935-41	2.4	26
102	(+)-Ancistrocline, a naphthylisoquinoline alkaloid from <i>Ancistrocladus tectorius</i> . <i>Phytochemistry</i> , <b>1992</b> , 31, 3297-3299	4	26
101	Ancistrobrevine C from <i>Ancistrocladus abbreviatus</i> : The first mixed Ancistrocladaceae/dioncophyllaceae-type naphthylisoquinoline alkaloid. <i>Phytochemistry</i> , <b>1993</b> , 33, 1511-1515	4.1	26
100	Mbandakamine-Type Naphthylisoquinoline Dimers and Related Alkaloids from the Central African Liana <i>Ancistrocladus ealaensis</i> with Antiparasitic and Antileukemic Activities. <i>Journal of Natural Products</i> , <b>2018</b> , 81, 918-933	4.9	25
99	Naphthylisoquinoline alkaloids from <i>Ancistrocladus cochinchinensis</i> . <i>Phytochemistry</i> , <b>1997</b> , 45, 1287-1294	4	25
98	Ancistroguineines A and B as well as ancistrotectorine-naphthylisoquinoline alkaloids from <i>Ancistrocladus guineensis</i> . <i>Phytochemistry</i> , <b>1998</b> , 47, 37-43	4	25
97	Ancistolikokines A-C: new 5,8'-coupled naphthylisoquinoline alkaloids from <i>Ancistrocladus likoko</i> . <i>Journal of Natural Products</i> , <b>2000</b> , 63, 1333-7	4.9	25
96	Krishnadimer A, an Axially Chiral Non-biaryl Natural Product: Discovery and Biomimetic Synthesis. <i>Organic Letters</i> , <b>2017</b> , 19, 182-185	6.2	24
95	Biaryl hydroxy aldehydes as intermediates in the metal-assisted atropo-enantioselective reduction of biaryl lactones: Structures and aldehyde-lactol equilibria. <i>Tetrahedron</i> , <b>1998</b> , 54, 10677-10690	2.4	24

94	8-O-methyldioncophyllinol B and revised structures of other 7,6'-coupled naphthylisoquinoline alkaloids from <i>Triphyophyllum peltatum</i> (Dioncophyllaceae). <i>Phytochemistry</i> , <b>2000</b> , 54, 337-46	4	24
93	Ancistroheynine a, the first 7,8'-coupled naphthylisoquinoline alkaloid from <i>Ancistrocladus heyneanus</i> . <i>Phytochemistry</i> , <b>1996</b> , 43, 1405-1410	4	24
92	Michellamines A and A, and further mono- and dimeric naphthylisoquinoline alkaloids from a Congolese liana and their antiausterity activities against pancreatic cancer cells.. <i>RSC Advances</i> , <b>2018</b> , 8, 5243-5254	3.7	23
91	Ancistrobertsonine A and related naphthylisoquinoline alkaloids from <i>Ancistrocladus robertsoniorum</i> . <i>Phytochemistry</i> , <b>1998</b> , 47, 31-5	4	23
90	Ancistrobenomine a, the first naphthylisoquinoline oxygenated at Me-3, and related 5,1'-coupled alkaloids, from the "new" plant species <i>ancistrocladusbenomensis</i> . <i>Journal of Natural Products</i> , <b>2004</b> , 67, 2058-62	4.9	23
89	Cyclombandakamines A and A, Oxygen-Bridged Naphthylisoquinoline Dimers from a Congolese <i>Ancistrocladus</i> Liana. <i>Organic Letters</i> , <b>2017</b> , 19, 1342-1345	6.2	21
88	C,C- and N,C-coupled dimers of 2-aminotetraphenylporphyrins: regiocontrolled synthesis, spectroscopic properties, and quantum-chemical calculations. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3998-4006	4.8	21
87	Antileukemic ancistrobenomine B and related 5,1'-coupled naphthylisoquinoline alkaloids from the Chinese liana <i>Ancistrocladus tectorius</i> . <i>Fitoterapia</i> <b>2017</b> , 121, 76-85	3.2	21
86	Microsatellites facilitate species delimitation in Congolese <i>Ancistrocladus</i> ( <i>Ancistrocladaceae</i> ), a genus with pharmacologically potent naphthylisoquinoline alkaloids. <i>Taxon</i> , <b>2014</b> , 63, 329-341	0.8	21
85	Dioncophylline A as a growth-retarding agent against the herbivorous insect <i>Spodoptera littoralis</i> : structure-activity relationships. <i>Journal of Natural Products</i> , <b>1997</b> , 60, 342-7	4.9	21
84	Synthesis of pindikamine A, a michellamine-related dimer of a non-natural, $\beta$ -keto naphthylisoquinoline. <i>Tetrahedron</i> , <b>1996</b> , 52, 13419-13426	2.4	21
83	Gardenifolins A-H, Scalemic Neolignans from <i>Gardenia ternifolia</i> : Chiral Resolution, Configurational Assignment, and Cytotoxic Activities against the HeLa Cancer Cell Line. <i>Journal of Natural Products</i> , <b>2017</b> , 80, 1604-1614	4.9	20
82	Antiplasmodial Ealapasamines A-C,'Mixed' Naphthylisoquinoline Dimers from the Central African Liana <i>Ancistrocladus ealaensis</i> . <i>Scientific Reports</i> , <b>2017</b> , 7, 5767	4.9	20
81	Ancistolikokines EEI and related 5,8'-coupled naphthylisoquinoline alkaloids from the Congolese liana <i>Ancistrocladus likoko</i> with antiausterity activities against PANC-1 human pancreatic cancer cells. <i>RSC Advances</i> , <b>2017</b> , 7, 53740-53751	3.7	20
80	Indaphyrins and Indachlorins: Optical and Chiroptical Properties of a Family of Helimeric Porphyrinoids. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 3913-3922	3.2	20
79	Ancistectorine D, a naphthylisoquinoline alkaloid with antiprotozoal and antileukemic activities, and further 5,8'- and 7,1'-linked metabolites from the Chinese liana <i>Ancistrocladus tectorius</i> . <i>Fitoterapia</i> <b>2016</b> , 115, 1-8	3.2	20
78	Modeling antibiotic and cytotoxic effects of the dimeric isoquinoline IQ-143 on metabolism and its regulation in <i>Staphylococcus aureus</i> , <i>Staphylococcus epidermidis</i> and human cells. <i>Genome Biology</i> , <b>2011</b> , 12, R24	18.3	19
77	Yaoundamines A and B, new antimalarial naphthylisoquinoline alkaloids from <i>Ancistrocladus korupensis</i> . <i>Tetrahedron</i> , <b>1997</b> , 53, 8121-8128	2.4	19



76	The novel antimalarial compound dioncophylline C forms a complex with heme in solution. <i>ChemMedChem</i> , <b>2007</b> , 2, 541-8	3.7	19
75	Acetogenic isoquinoline alkaloids. <i>Journal of Chromatography A</i> , <b>1999</b> , 837, 267-272	4.5	19
74	Acetogenine Isochinolin-Alkaloide, 6. Aufbau und Cyclisierung zentral modifizierter $\beta$ -Pentaketone: Synthese monocyclischer Isochinolinalkaloid-Vorstufen. <i>Liebigs Annalen Der Chemie</i> , <b>1985</b> , 1985, 2105-2115		19
73	Ancistrobrevines E-J and related naphthylisoquinoline alkaloids from the West African liana <i>Ancistrocladus abbreviatus</i> with inhibitory activities against <i>Plasmodium falciparum</i> and PANC-1 human pancreatic cancer cells. <i>Fitoterapia</i> , <b>2018</b> , 131, 245-259	3.2	19
72	Acetogenic isoquinoline alkaloids. CXII. Separation and identification of dimeric naphthylisoquinoline alkaloids by liquid chromatography coupled to electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , <b>1998</b> , 810, 231-6	4.5	18
71	Ancistroheynine B and two further 7,3'-coupled naphthylisoquinoline alkaloids from <i>Ancistrocladus heyneanus</i> Wall. <i>Phytochemistry</i> , <b>2004</b> , 65, 2903-7	4	18
70	A Near-Complete Series of Four Atropisomeric Jozimine A-Type Naphthylisoquinoline Dimers with Antiplasmodial and Cytotoxic Activities and Related Alkaloids from. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 3033-3046	4.9	17
69	Antiprotozoal Spirombandakamines A and A, Fused Naphthylisoquinoline Dimers from a Congolese <i>Ancistrocladus</i> Plant. <i>Organic Letters</i> , <b>2017</b> , 19, 6740-6743	6.2	17
68	Molluscicidal activity of naphthylisoquinoline alkaloids from <i>Triphyophyllum</i> and <i>Ancistrocladus</i> species. <i>Planta Medica</i> , <b>1996</b> , 62, 556-7	3.1	17
67	Acetogenine Isochinolin-Alkaloide, 7. Einfache Synthesen n $\beta$ zlicher Diketo-Bausteine ff biomimetische Isochinolin- und Naphthalin-Synthesen. <i>Liebigs Annalen Der Chemie</i> , <b>1985</b> , 1985, 2116-2125		17
66	A short biomimetic synthesis of the isoquinoline and the naphthalene moieties of <i>ancistrocladus</i> alkaloids from common $\beta$ -polycarbonyl precursors. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 2009-2012	2	17
65	Induction of apoptosis in breast cancer cells by naphthylisoquinoline alkaloids. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 409, 115297	4.6	17
64	Chiral and achiral basket-handle porphyrins: short synthesis and stereostructures of these versatile building blocks. <i>Organic Letters</i> , <b>2015</b> , 17, 210-3	6.2	16
63	Determination of Configuration at the Biaryl Axes of Naphthylisoquinoline Alkaloids by Long-Range NOE Effects. <i>Magnetic Resonance in Chemistry</i> , <b>1997</b> , 35, 297-301	2.1	16
62	Jozimine B, a Constitutionally Unsymmetric, Antiplasmodial Dimer of the Naphthylisoquinoline Alkaloid <i>Ancistrocladine</i> . <i>Tetrahedron</i> , <b>2000</b> , 56, 3523-3531	2.4	16
61	Octadehydromichellamine, a structural analog of the anti-HIV michellamines without centrochirality. <i>Tetrahedron</i> , <b>1999</b> , 55, 1731-1740	2.4	16
60	Novel Concepts in Directed Biaryl Synthesis, XVI. Synthesis and Structure of Benzonaphthopyrans; Helically Distorted, Bridged Biaryls with Different Steric Hindrance at the Axis. <i>Liebigs Annalen Der Chemie</i> , <b>1992</b> , 1992, 769-775		16
59	Bioactivity Potential of Marine Natural Products from Scleractinia-Associated Microbes and In Silico Anti-SARS-COV-2 Evaluation. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	16

58	Ancistroyafungines A-D, 5,8'- and 5,1'-coupled naphthylisoquinoline alkaloids from a Congolese <i>Ancistrocladus</i> species, with antiausterity activities against human PANC-1 pancreatic cancer cells. <i>Floterap</i> <b>2018</b> , 130, 6-16	3.2	15
57	Multiple convergence in polyketide biosynthesis: a third folding mode to the anthraquinone chrysophanol. <i>Chemical Communications</i> , <b>2009</b> , 6810-2	5.8	15
56	<i>Ancistrocladus ileboensis</i> (D.R.Congo), a new liana with unique alkaloids. <i>Plant Ecology and Evolution</i> , <b>2010</b> , 143, 63-69	1.6	15
55	Acetogenic anthraquinones: biosynthetic convergence and chemical evidence of enzymatic cooperation in nature. <i>Phytochemistry Reviews</i> , <b>2008</b> , 7, 499-511	7.7	15
54	Vibrational spectroscopic characterization of arylisoquinolines by means of Raman spectroscopy and density functional theory calculations. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 29918-29926	3.6	14
53	Evidence for species differentiation within the <i>Ancistrocladus tectorius</i> complex ( <i>Ancistrocladaceae</i> ) in Southeast Asia: a molecular approach. <i>Plant Systematics and Evolution</i> , <b>2010</b> , 284, 77-98	1.3	14
52	5?-O-demethyl-8-O-methyl-7-epi-dioncophylline a and its regularly configured atropisomer from <i>Triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>1994</b> , 36, 1057-1061	4	14
51	(-)-dioncophyllacine A, A naphthylisoquinoline alkaloid with A 4-methoxy substituent from the leaves of <i>Triphyophyllum peltatum</i> . <i>Phytochemistry</i> , <b>1992</b> , 31, 4015-4018	4	14
50	Acetogenine Isochinolin-Alkaloide, 8. Biomimetische Synthesen beider Moleklfkten der <i>Ancistrocladus</i> - und der <i>Triphyophyllum</i> -Alkaloide aus gemeinsamen Vorstufen. <i>Liebigs Annalen Der Chemie</i> , <b>1985</b> , 1985, 2126-2134		14
49	5?-O-Methyl-dioncophylline D, a 7,8?-coupled naphthylisoquinoline alkaloid from callus cultures of <i>Triphyophyllum peltatum</i> , and its biosynthesis from a late-stage tetrahydroisoquinoline precursor. <i>Tetrahedron</i> , <b>2016</b> , 72, 2906-2912	2.4	14
48	<i>Ancistrolikokine I</i> and further 5,8'-coupled naphthylisoquinoline alkaloids from the Congolese liana <i>Ancistrocladus likoko</i> and their cytotoxic activities against drug-sensitive and multidrug resistant human leukemia cells. <i>Floterap</i> <b>2018</b> , 129, 114-125	3.2	13
47	Circular dichroism of naphthyl-dihydroisoquinoline alkaloids: Determination of the axial configuration of yaoundamine A. <i>Tetrahedron</i> , <b>1997</b> , 53, 2817-2822	2.4	13
46	Jozipeltine A, a Novel, Unnatural Dimer of the Highly Hydroxylated Naphthylisoquinoline Alkaloid Dioncopeltine A. <i>Tetrahedron</i> , <b>2000</b> , 56, 5871-5875	2.4	13
45	Gentrymine B, an N-Quaternary <i>Ancistrocladus</i> Alkaloid: Stereoanalysis, Synthesis, and Biomimetic Formation from Gentrymine A 1. <i>Tetrahedron</i> , <b>2000</b> , 56, 581-585	2.4	13
44	Acetogenine Isochinolin-Alkaloide, 5. Aufbau und Cyclisierung terminal geschtzter EPentaketone: Erste Synthese des Aloenin-Aglycons. <i>Liebigs Annalen Der Chemie</i> , <b>1985</b> , 1985, 765-774		13
43	Monomeric Chiral and Achiral Basket-Handle Porphyrins: Synthesis, Structural Features, and Arrested Tautomerism. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 12359-78	4.2	12
42	Axial, Helical, and Planar Chirality in Directly Linked Basket-Handle Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1075-88	4.2	12
41	One-Step Oxidative Dimerization of Genuine, Unprotected Naphthylisoquinolines Alkaloids to Give Michellamines and Other Bioactive Quateraryls. <i>Synthesis</i> , <b>2000</b> , 2000, 1843-1847	2.9	12

40	Dioncophylline A, the Principal Cytotoxin from <i>Ancistrocladus letestui</i> . <i>Natural Product Research</i> , <b>1995</b> , 6, 315-320		12
39	First Atroposelective Total Synthesis of Enantiomerically Pure <i>Ancistrocladidine</i> and <i>Ancistroretorine</i> . <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 9792-6	4.8	12
38	<i>Thalassosterol</i> , a New Cytotoxic Aromatase Inhibitor Ergosterol Derivative from the Red Sea Seagrass. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	11
37	Highly antiplasmodial non-natural oxidative products of <i>dioncophylline A</i> : synthesis, absolute configuration, and conformational stability. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14507-18	4.8	11
36	<i>Isoancistrocladine</i> from <i>ancistrocladus heyneanus</i> : The first naturally occurring n-unsubstituted cis-configured naphthyltetrahydroisoquinoline alkaloid. <i>Phytochemistry</i> , <b>1993</b> , 35, 259-261	4	11
35	<i>Parvistemins AD</i> , a new type of dimeric phenylethyl benzoquinones from <i>Stemona parviflora</i> Wright. <i>Tetrahedron</i> , <b>2007</b> , 63, 4688-4694	2.4	10
34	<i>Metallocorroles</i> as inherently chiral chromophores: resolution and electronic circular dichroism spectroscopy of a tungsten biscorrole. <i>Chemical Communications</i> , <b>2017</b> , 53, 6121-6124	5.8	9
33	<i>Ancistrobreveines A-D</i> and related dehydrogenated naphthylisoquinoline alkaloids with antiproliferative activities against leukemia cells, from the West African liana .. <i>RSC Advances</i> , <b>2019</b> , 9, 15738-15748	3.7	9
32	Antiprotozoal dimeric naphthylisoquinolines, <i>mbandakamines B</i> and <i>B</i> , and related 5,8'-coupled monomeric alkaloids, <i>ikelacongolines A-D</i> , from a Congolese liana.. <i>RSC Advances</i> , <b>2019</b> , 9, 12034-12046	3.7	9
31	<i>Ancistrocyclinones A</i> and <i>B</i> , unprecedented pentacyclic N,C-coupled naphthylisoquinoline alkaloids, from the Chinese liana <i>Ancistrocladus tectorius</i> . <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 1581-1590	3.9	9
30	<i>Ealamines A-H</i> , a Series of Naphthylisoquinolines with the Rare 7,8'-Coupling Site, from the Congolese Liana , Targeting Pancreatic Cancer Cells. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 3150-3164	4.9	8
29	Alterations to the structure of <i>Leishmania major</i> induced by N-arylisoquinolines correlate with compound accumulation and disposition. <i>Journal of Medical Microbiology</i> , <b>2010</b> , 59, 69-75	3.2	8
28	QSAR guided synthesis of simplified antiplasmodial analogs of naphthylisoquinoline alkaloids. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5370-83	6.8	8
27	Molluscicidal activity ( <i>Biomphalaria glabrata</i> ) of <i>dioncophylline A</i> : structure-activity investigations. <i>Planta Medica</i> , <b>1998</b> , 64, 485-6	3.1	8
26	Atroposelective Total Synthesis of the Fourfold ortho-Substituted Naphthyltetrahydroisoquinoline Biaryl O,N-Dimethylhamatine. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14237-14245	4.8	7
25	Axially Chiral Dimeric Naphthalene and Naphthoquinone Metabolites, from Root Cultures of the West African Liana <i>Triphyophyllum peltatum</i> . <i>Journal of Natural Products</i> , <b>2016</b> , 79, 2094-103	4.9	7
24	Quality of the antimalarial medicine artemether - lumefantrine in 8 cities of the Democratic Republic of the Congo. <i>Drug Testing and Analysis</i> , <b>2018</b> , 10, 1599-1606	3.5	7
23	Natural coumarins as potential anti-SARS-CoV-2 agents supported by docking analysis.. <i>RSC Advances</i> , <b>2021</b> , 11, 16970-16979	3.7	7

22	Naphthylisoquinoline alkaloids, validated as hit multistage antiplasmodial natural products. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2020</b> , 13, 51-58	4	6
21	Ancistrosecolines A-F, Unprecedented Naphthylisoquinoline Alkaloids from the Roots of , with Apoptosis-Inducing Potential against HeLa Cancer Cells. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1139-1154	4.9	6
20	,N-Coupled naphthylisoquinoline alkaloids: a versatile new class of axially chiral natural products. <i>Natural Product Reports</i> , <b>2021</b> ,	15.1	6
19	Naphthylisoquinoline alkaloids and their synthetic analogs as potent novel inhibitors against <i>Babesia canis</i> in vitro. <i>Veterinary Parasitology</i> , <b>2020</b> , 283, 109177	2.8	5
18	Biomimetic Total Synthesis of Mbandakamine A and Further Antiplasmodial Naphthylisoquinoline Dimers. <i>ChemistrySelect</i> , <b>2018</b> , 3, 940-945	1.8	5
17	An Unusually Broad Series of Seven Cyclombandakamines, Bridged Dimeric Naphthylisoquinoline Alkaloids from the Congolese Liana <i>Ancistrocladus ealaensis</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 9812	4.9	5
16	Labelled precursors for biosynthetic studies on naphthylisoquinoline alkaloids. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1997</b> , 39, 29-38	1.9	5
15	Capillary zone electrophoresis for the determination of amodiaquine and three of its synthetic impurities in pharmaceutical formulations. <i>Electrophoresis</i> , <b>2018</b> , 39, 2530-2539	3.6	5
14	Ancistrotectoquinones A and B, the First Quinoid Naphthylisoquinoline Alkaloids, from the Chinese Liana <i>Ancistrocladus tectorius</i> . <i>Natural Product Communications</i> , <b>2016</b> , 11, 971-976	0.9	5
13	Rational quality assessment procedure for less-investigated herbal medicines: Case of a Congolese antimalarial drug with an analytical report. <i>Phytotherapy</i> , <b>2016</b> , 110, 189-95	3.2	4
12	Spirombandakamine A and Cyclombandakamines A and A, Polycyclic Naphthylisoquinoline Dimers, with Antiprotozoal Activity, from a Congolese Plant. <i>Journal of Natural Products</i> , <b>2021</b> , 84, 1335-1344	4.9	4
11	Ancistrobrevindines A-C and related naphthylisoquinoline alkaloids with cytotoxic activities against HeLa and pancreatic cancer cells, from the liana <i>Ancistrocladus abbreviatus</i> . <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 30, 115950	3.4	4
10	Two Atropisomeric N-Methyldioncophyllines A and N-Methylphylline, their Naphthalene-Free Heterocyclic Moiety, from <i>Ancistrocladus barteri</i> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2003</b> , 58, 577-584	1	3
9	A New Central Binaphthalene Building Block for Michellamine Syntheses. <i>Synthesis</i> , <b>2000</b> , 2000, 383-388	2.9	3
8	New Cytotoxic Natural Products from the Red Sea Sponge. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
7	New Cytotoxic Cerebrosides from the Red Sea Cucumber Supported by Studies. <i>Marine Drugs</i> , <b>2020</b> , 18,	6	3
6	Directed Synthesis of All Four Pure Stereoisomers of the N,C-Coupled Naphthylisoquinoline Alkaloid <i>Ancistrocladinium A</i> . <i>Organic Letters</i> , <b>2016</b> , 18, 6508-6511	6.2	3
5	Epoxides related to dioncoquinone B: Synthesis, activity against multiple myeloma cells, and search for the target protein. <i>Tetrahedron</i> , <b>2018</b> , 74, 5102-5112	2.4	2

4	Identifying the specific-targeted marine cerebrosides against SARS-CoV-2: an integrated computational approach.. <i>RSC Advances</i> , <b>2021</b> , 11, 36042-36059	3.7	2
3	(R)-Tonkafuranone and related compounds: Improved synthesis, stereochemical purity in nature, and bioactivities of the pure enantiomers. <i>Flavour and Fragrance Journal</i> , <b>2019</b> , 34, 329-338	2.5	1
2	NS3 helicase inhibitory potential of the marine sponge .. <i>RSC Advances</i> , <b>2022</b> , 12, 2992-3002	3.7	0
1	Chiroptical Properties of Indolenine Squaraines with a Stereogenic Center at Close Proximity. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 12227-12242	4.2	0