Gerhard Bringmann

List of Publications by Year
in descending order

204 papers	11,755 citations	38720 50 h-index	34964 98 g-index
204 all docs	204 docs citations	204 times ranked	6924 citing authors

#	Article	IF	Citations
1	Atroposelective Synthesis of Axially Chiral Biaryl Compounds. Angewandte Chemie - International Edition, 2005, 44, 5384-5427.	7.2	1,199
2	Atroposelective Total Synthesis of Axially Chiral Biaryl Natural Products. Chemical Reviews, 2011, 111, 563-639.	23.0	1,085
3	SpecDis: Quantifying the Comparison of Calculated and Experimental Electronic Circular Dichroism Spectra. Chirality, 2013, 25, 243-249.	1.3	1,038
4	Stereoselective Total Synthesis of Axially Chiral Natural Products via Biaryl Lactones. Accounts of Chemical Research, 2001, 34, 615-624.	7.6	327
5	The Assignment of Absolute Stereostructures through Quantum Chemical Circular Dichroism Calculations. European Journal of Organic Chemistry, 2009, 2009, 2717-2727.	1.2	295
6	Anti-HIV Michellamines from Ancistrocladus korupensis. Journal of Medicinal Chemistry, 1994, 37, 1740-1745.	2.9	224
7	The Lactone Concept: An Efficient Pathway to Axially Chiral Natural Products and Useful Reagents. Synthesis, 1999, 1999, 525-558.	1.2	210
8	Murrastifoline-F:Â First Total Synthesis, Atropo-Enantiomer Resolution, and Stereoanalysis of an Axially ChiralN,C-Coupled Biaryl Alkaloidâ€. Journal of the American Chemical Society, 2001, 123, 2703-2711.	6.6	194
9	Korupensamines A-D, Novel Antimalarial Alkaloids from Ancistrocladus korupensis. Journal of Organic Chemistry, 1994, 59, 6349-6355.	1.7	189
10	Ancistrotanzanine C and Related 5,1â€˜- and 7,3â€˜-Coupled Naphthylisoquinoline Alkaloids fromAncistrocladustanzaniensis1. Journal of Natural Products, 2004, 67, 743-748.	1.5	142
11	The online assignment of the absolute configuration of natural products: HPLCâ€CD in combination with quantum chemical CD calculations. Chirality, 2008, 20, 628-642.	1.3	124
12	Ancistroealaines A and B, Two New Bioactive Naphthylisoquinolines, and Related Naphthoic Acids fromAncistrocladus ealaensis1. Journal of Natural Products, 2000, 63, 1465-1470.	1.5	104
13	On the structure of the dioncophyllaceae alkaloids dioncophylline a (â€œtriphyophyllineâ€) and â€œO-Methyl-Triphyophyllineâ€. Tetrahedron Letters, 1990, 31, 639-642.	0.7	100
14	Oxidative aryl coupling reactions: a biomimetic approach to configurationally unstable or axially chiral biaryl natural products and related bioactive compounds. Tetrahedron, 2001, 57, 331-343.	1.0	99
15	Axially Chiral BODIPY DYEmers: An Apparent Exception to the Exciton Chirality Rule. Angewandte Chemie - International Edition, 2014, 53, 14592-14595.	7.2	98
16	Michellamines Dâ€™F, New HIV-Inhibitory Dimeric Naphthylisoquinoline Alkaloids, and Korupensamine E, a New Antimalarial Monomer, fromAncistrocladus korupensis1. Journal of Natural Products, 1997, 60, 677-683.	1.5	96
17	HPLCâ€™CD On-Line Coupling in Combination with HPLCâ€™NMR and HPLCâ€™MS/MS for the Determination of the Full Absolute Stereostructure of New Metabolites in Plant Extracts. Analytical Chemistry, 1999, 71, 2678-2686.	3.2	94
18	A Convergent Total Synthesis of the Michellaminesâ€“. Journal of Organic Chemistry, 1998, 63, 1090-1097.	1.7	91

#	Article	IF	Citations
19	Axially Chiral Î²,Î²â€²-Bisporphyrins: Synthesis and Configurational Stability Tuned by the Central Metals. Journal of the American Chemical Society, 2008, 130, 17812-17825.	6.6	90
20	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.	4.4	87
21	First total synthesis of (â^')-dioncophylline A (â€œTriphyophyllineâ€) and of selected stereoisomers: Complete (revised) stereostructure. Tetrahedron Letters, 1990, 31, 643-646.	0.7	87
22	A New Biosynthetic Pathway to Alkaloids in Plants: Acetogenic Isoquinolines. Angewandte Chemie - International Edition, 2000, 39, 1464-1466.	7.2	82
23	Xylogranatins Fâ€“R: Antifeedants from the Chinese Mangrove, Xylocarpus granatum, A New Biogenetic Pathway to Tetranortriterpenoids. Chemistry - A European Journal, 2008, 14, 1129-1144.	1.7	81
24	An improved degradation procedure for determination of the absolute configuration in chiral isoquinoline and Î²-carboline derivatives. Phytochemistry, 1996, 43, 1393-1403.	1.4	80
25	Ancistrocladinium A and B, the First N,C-Coupled Naphthyldihydroisoquinoline Alkaloids, from a Congolese Ancistrocladus Species. Journal of Organic Chemistry, 2006, 71, 9348-9356.	1.7	80
26	Stereochemistry of Isoplagiochin C, A Macrocyclic Bisbibenzyl from Liverworts. Journal of the American Chemical Society, 2004, 126, 9283-9290.	6.6	79
27	Activities of Naphthylisoquinoline Alkaloids and Synthetic Analogs against Leishmania major. Antimicrobial Agents and Chemotherapy, 2007, 51, 188-194.	1.4	77
28	First Atropo-Divergent Total Synthesis of the Antimalarial Korupensamines A and B by the â€œLactone Methodâ€â€. Journal of Organic Chemistry, 2000, 65, 2069-2077.	1.7	75
29	Acetogenic Isoquinoline Alkaloids, L. The Synthesis of All Possible Isomeric 6,8â€Dioxygenated 1,3â€Dimethylâ€1,2,3,4â€tetrahydroisoquinoline Methyl Ethers â€“ Useful Chiral Building Blocks for Naphthylisoquinoline Alkaloids. Liebigs Annalen Der Chemie, 1993, 1993, 877-888.	0.8	74
30	First synthesis of the antimalarial naphthylisoquinoline alkaloid dioncophylline C, and its unnatural anti-HIV dimer, jozimine C. Tetrahedron, 1998, 54, 497-512.	1.0	74
31	Regiodivergent Nï£¿C and Nï£¿N Aryl Coupling Reactions of Indoloterpenes and Cycloether Formation Mediated by a Single Bacterial Flavoenzyme. Angewandte Chemie - International Edition, 2013, 52, 9040-9043.	7.2	73
32	Chapter 4 The Naphthylisoquinoline Alkaloids. Alkaloids: Chemistry and Pharmacology, 1995, 46, 127-271.	0.2	72
33	Extract screening by HPLC coupled to MSâ€“MS, NMR, and CD: a dimeric and three monomeric naphthylisoquinoline alkaloids from Ancistrocladus griffithii. Phytochemistry, 2002, 61, 195-204.	1.4	71
34	Perylene Bisimide Atropisomers:Â Synthesis, Resolution, and Stereochemical Assignment. Journal of Organic Chemistry, 2007, 72, 3403-3411.	1.7	70
35	Analysis of the glucosinolate pattern ofArabidopsis thalianaseeds by capillary zone electrophoresis coupled to electrospray ionization-mass spectrometry. Electrophoresis, 2005, 26, 1513-1522.	1.3	67
36	Ancistrolikokine E₃, a 5,8â€²-Coupled Naphthylisoquinoline Alkaloid, Eliminates the Tolerance of Cancer Cells to Nutrition Starvation by Inhibition of the Akt/mTOR/Autophagy Signaling Pathway. Journal of Natural Products, 2018, 81, 2282-2291.	1.5	64

#	Article	IF	Citations
37	Different polyketide folding modes converge to an identical molecular architecture. , 2006, 2, 429-433.		62
38	Dioncophyllines C₂, D₂, and F and Related Naphthylisoquinoline Alkaloids from the Congolese Liana Ancistrocladus ileboensis with Potent Activities against Plasmodium falciparum and against Multiple Myeloma and Leukemia Cell Lines. Journal of Natural Products, 2017, 80, 443-458.	1.5	62
39	Activity of extracts and naphthylisoquinoline alkaloids from Triphyophyllum peltatum, Ancistrocladus abbreviatus and A. Barteri against Plasmodium falciparum in vitroâ˜†. Phytochemistry, 1994, 35, 1461-1464.	1.4	61
40	Korundamine A, a novel HIV-inhibitory and antimalarial â€œhybridâ€•naphthylisoquinoline alkaloid heterodimer from Ancistrocladus korupensis. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1729-1734.	1.0	60
41	Ancistrotanzanine A, the First 5,3â€˜-Coupled Naphthylisoquinoline Alkaloid, and Two Further, 5,8â€˜-Linked Related Compounds from the Newly Described SpeciesAncistrocladus tanzaniensis#,1. Journal of Natural Products, 2003, 66, 1159-1165.	1.5	60
42	Axially Chiral Directly Î²,Î²-Linked Bisporphyrins:â€‰ Synthesis and Stereostructure. Organic Letters, 2006, 8, 4743-4746.	2.4	60
43	ancistrobrevine B, the first naphthylisoquinoline alkaloid with A 5,8â€²-coupling site, and related compounds from Ancistrocladus abbreviatus. Phytochemistry, 1992, 31, 4011-4014.	1.4	59
44	â€˜Biomimeticâ€™ oxidative dimerization of korupensamine A: Completion of the first total synthesis of michellamines A, B, and C. Tetrahedron, 1994, 50, 9643-9648.	1.0	59
45	Atroposelective Biaryl Coupling with Chiral Catalysts:â€‰ Total Synthesis of the Antileishmanial Naphthylisoquinoline Alkaloids Ancistrotanzanine B and Ancistroealaine A. Organic Letters, 2003, 5, 2805-2808.	2.4	58
46	Ancisheynine, the First N,C-Coupled Naphthylisoquinoline Alkaloid:â€‰ Total Synthesis and Stereochemical Analysis. Organic Letters, 2006, 8, 1037-1040.	2.4	58
47	Ancistrocongolines Aâ€”D, New Naphthylisoquinoline Alkaloids fromAncistrocladuscongolensis1. Journal of Natural Products, 2002, 65, 1096-1101.	1.5	57
48	Convergent total synthesis of the michellamines. Tetrahedron Letters, 1994, 35, 7621-7624.	0.7	56
49	Mbandakamines A and B, Unsymmetrically Coupled Dimeric Naphthylisoquinoline Alkaloids, from a Congolese Ancistrocladus Species. Organic Letters, 2013, 15, 2590-2593.	2.4	56
50	Jozimine A₂: The First Dimeric Dioncophyllaceaeâ€Type Naphthylisoquinoline Alkaloid, with Three Chiral Axes and High Antiplasmodial Activity. Chemistry - A European Journal, 2013, 19, 916-923.	1.7	54
51	Total Synthesis of the N,C-Coupled Naphthylisoquinoline Alkaloids Ancistrocladinium A and B and Related Analogues. Journal of the American Chemical Society, 2010, 132, 1151-1158.	6.6	53
52	Aryl-coupling via â€œaxially prostereogenicâ€•lactones: First total synthesis of (+)-ancistrocladisine and (optionally) its atropisomer. Tetrahedron Letters, 1989, 30, 5249-5252.	0.7	52
53	Dioncophylline E from Dioncophyllum thollonii, the first 7,3â€²-coupled dioncophyllaceous naphthylisoquinoline alkaloid. Phytochemistry, 2002, 60, 389-397.	1.4	52
54	Dimeric naphthylisoquinoline alkaloids: polyketide-derived axially chiral bioactive quateraryls. Natural Product Reports, 2019, 36, 1513-1545.	5.2	51

#	Article	IF	Citations
55	HPLCâ^'NMR On-Line Coupling Including the ROESY Technique:â€‰ Direct Characterization of Naphthylisoquinoline Alkaloids in Crude Plant Extracts. Analytical Chemistry, 1998, 70, 2805-2811.	3.2	50
56	Dioncophylline C from the roots of Triphyophyllum peltatum, the first 5,1â€²-coupled dioncophyllaceae alkaloid. Phytochemistry, 1992, 31, 4019-4024.	1.4	49
57	A Photometric Screening Method for Dimeric Naphthylisoquinoline Alkaloids and Complete On-Line Structural Elucidation of a Dimer in Crude Plant Extracts, by the LCâ^'MS/LCâ^'NMR/LCâ^'CD Triad. Analytical Chemistry, 2001, 73, 2571-2577.	3.2	49
58	Stressâ€related polyketide metabolism of Dioncophyllaceae and Ancistrocladaceae. Journal of Experimental Botany, 2001, 52, 2015-2022.	2.4	48
59	Ancistrolikokine D, a 5,8â€²-coupled naphthylisoquinoline alkaloid, and related natural products from Ancistrocladus likoko. Phytochemistry, 2003, 62, 631-636.	1.4	48
60	Dioncopeltine A and dioncolactone A: Alkaloids from Triphyophyllum peltatum. Phytochemistry, 1991, 30, 1691-1696.	1.4	46
61	The Absolute Configuration of Michellamine B, a â€œDimericâ€ Anti-HIV-Active Naphthylisoquinoline Alkaloid. Angewandte Chemie International Edition in English, 1993, 32, 1190-1191.	4.4	46
62	Ancistrobertsonines B, C, and D as well as 1,2-didehydroancistrobertsonine D from Ancistrocladus robertsoniorum. Phytochemistry, 1999, 52, 321-332.	1.4	46
63	Structural Analysis of the Anti-Malaria Active Agent Chloroquine under Physiological Conditions. Journal of Physical Chemistry B, 2007, 111, 1815-1822.	1.2	46
64	Ultrasensitivein situTracing of the Alkaloid Dioncophylline A in the Tropical LianaTriphyophyllum peltatumby Applying Deep-UV Resonance Raman Microscopy. Analytical Chemistry, 2007, 79, 986-993.	3.2	46
65	In vivo localization and identification of the antiplasmodial alkaloid dioncophylline A in the tropical lianaTriphyophyllum peltatum by a combination of fluorescence, near infrared Fourier transform Raman microscopy, and density functional theory calculations. Biopolymers, 2006, 82, 295-300.	1.2	45
66	Total synthesis of the antimalarial naphthylisoquinoline alkaloid 5-epi-4â€²-O-demethylancistrobertsonine C by asymmetric Suzuki cross-coupling. Tetrahedron, 2008, 64, 5563-5568.	1.0	45
67	Saludimerines A and B, Novel-Type Dimeric Alkaloids with Stereogenic Centers and Configurationally Semistable Biaryl Axes. Journal of Organic Chemistry, 2004, 69, 8602-8608.	1.7	44
68	Knipholone and related 4-phenylanthraquinones: structurally, pharmacologically, and biosynthetically remarkable natural products. Natural Product Reports, 2008, 25, 696.	5.2	44
69	Synthesis and Stereochemistry of Highly Unsymmetric Î²,Meso-Linked Porphyrin Arrays. Journal of Organic Chemistry, 2009, 74, 8005-8020.	1.7	44
70	First Total Synthesis of Korupensamines A and B. Heterocycles, 1994, 39, 503.	0.4	43
71	Six naphthylisoquinoline alkaloids and a related benzopyranone from a Congolese Ancistrocladus species related to Ancistrocladus congolensis. Phytochemistry, 2008, 69, 1065-1075.	1.4	43
72	Acetogenic Isoquinoline Alkaloids, LXXXII. Biomimetic Total Synthesis of Michellamines Aâ€“C. Liebigs Annalen, 1996, 1996, 2045-2058.	0.8	42

#	Article	IF	Citations
73	ent-Dioncophylleine A and Related Dehydrogenated Naphthylisoquinoline Alkaloids, the First Asian Dioncophyllaceae-Type Alkaloids, from the â€œNewâ€•Plant SpeciesAncistrocladus benomensis1. Journal of Natural Products, 2005, 68, 686-690.	1.5	42
74	Atrop-diastereomer separation by racemate resolution techniques: N-methyl-dioncophylline A and its 7-epimer from Ancistrocladus abbreviatus. Phytochemistry, 1991, 30, 1307-1310.	1.4	41
75	Circular dichroism of michellamines: Independent assignment of axial chirality by calculated and experimental CD spectra. Tetrahedron, 1994, 50, 7807-7814.	1.0	41
76	HIV-inhibitory michellamine-type dimeric naphthylisoquinoline alkaloids from the Central African liana Ancistrocladus congolensis. Phytochemistry, 2016, 128, 71-81.	1.4	41
77	A facile degradation procedure for determination of absolute configuration in 1,3-dimethyltetra- and dihydroisoquinolines. Phytochemistry, 1991, 30, 2067-2070.	1.4	40
78	Jozilebomines A and B, Naphthylisoquinoline Dimers from the Congolese Liana Ancistrocladus ileboensis, with Antiausterity Activities against the PANC-1 Human Pancreatic Cancer Cell Line. Journal of Natural Products, 2017, 80, 2807-2817.	1.5	40
79	Dioncophylline B, a naphthylisoquinoline alkaloid with a new coupling type fromTriphyophyllum peltatum. Phytochemistry, 1991, 30, 3845-3847.	1.4	39
80	Structureâ^'Activity Relationship and Studies on the Molecular Mechanism of Leishmanicidal N,C-Coupled Arylisoquinolinium Salts. Journal of Medicinal Chemistry, 2009, 52, 626-636.	2.9	39
81	Shuangancistrotectorinesâ€…Aâ€“E, Dimeric Naphthylisoquinoline Alkaloids with Three Chiral Biaryl Axes from the Chinese Plant Ancistrocladus tectorius. Chemistry - A European Journal, 2010, 16, 4206-4216.	1.7	38
82	Habropetaline A, an antimalarial naphthylisoquinoline alkaloid from Triphyophyllum peltatum. Phytochemistry, 2003, 62, 345-349.	1.4	37
83	Mbandakamine-Type Naphthylisoquinoline Dimers and Related Alkaloids from the Central African Liana Ancistrocladus ealaensis with Antiparasitic and Antileukemic Activities. Journal of Natural Products, 2018, 81, 918-933.	1.5	37
84	Induction of apoptosis in breast cancer cells by naphthylisoquinoline alkaloids. Toxicology and Applied Pharmacology, 2020, 409, 115297.	1.3	37
85	Analytical characterisation of crude extracts from an africanAncistrocladus species using high-performance liquid chromatography and capillary electrophoresis coupled to ion trap mass spectrometry. Phytochemical Analysis, 2004, 15, 21-26.	1.2	36
86	Synthesis, Optical Resolution, and Configurational Assignment of Novel Axially Chiral Quaterarylsâ€. Journal of Organic Chemistry, 2007, 72, 7765-7768.	1.7	36
87	Modeling antibiotic and cytotoxic effects of the dimeric isoquinoline IQ-143 on metabolism and its regulation in Staphylococcus aureus, Staphylococcus epidermidis and human cells. Genome Biology, 2011, 12, R24.	13.9	36
88	Andhraxylocarpinsâ€…Aâ€“E: Structurally Intriguing Limonoids from the True Mangroves Xylocarpus granatum and Xylocarpus moluccensis. Chemistry - A European Journal, 2012, 18, 14342-14351.	1.7	36
89	5â€²-O-demethyldioncophylline A, a new antimalarial alkaloid from triphyophyllum peltatum1Part 111 in the series â€œAcetogenic Isoquinoline Alkaloidsâ€•. For Part 110, see Ref.[1].1. Phytochemistry, 1998, 49, 1667-1673.	1.4	35
90	First synthesis of mastigophorenes A and B, by biomimetic oxidative coupling of herbertenediol. Tetrahedron Letters, 1999, 40, 483-486.	0.7	35

#	Article	IF	Citations
91	Phenolic analogs of the N,C-coupled naphthylisoquinoline alkaloid ancistrocladinium A, from Ancistrocladus cochinchinensis (Ancistrocladaceae), with improved antiprotozoal activities. Phytochemistry, 2011, 72, 89-93.	1.4	35
92	Bioactivity Potential of Marine Natural Products from Scleractinia-Associated Microbes and In Silico Anti-SARS-COV-2 Evaluation. Marine Drugs, 2020, 18, 645.	2.2	35
93	Siameseâ€Twin Porphyrin: A Pyrazoleâ€Based Expanded Porphyrin of Persistent Helical Conformation. Chemistry - A European Journal, 2013, 19, 5868-5880.	1.7	34
94	Convergence in the biosynthesis of acetogenic natural products from plants, fungi, and bacteria. Phytochemistry, 2009, 70, 1776-1786.	1.4	33
95	Highly selective antiplasmodial naphthylisoquinoline alkaloids from Ancistrocladus tectorius. Phytochemistry, 2013, 91, 220-228.	1.4	33
96	Gardenifolins Aâ€“H, Scalemic Neolignans from Gardenia ternifolia: Chiral Resolution, Configurational Assignment, and Cytotoxic Activities against the HeLa Cancer Cell Line. Journal of Natural Products, 2017, 80, 1604-1614.	1.5	32
97	Krishnadimer A, an Axially Chiral Non-biaryl Natural Product: Discovery and Biomimetic Synthesis. Organic Letters, 2017, 19, 182-185.	2.4	32
98	Biosynthesis of naphthylisoquinoline alkaloids: synthesis andÂincorporation of an advanced 13C2-labeled isoquinolineÂprecursor. Tetrahedron, 2007, 63, 1755-1761.	1.0	31
99	Feeding deterrency and growth retarding activity of the naphthylisoquinoline alkaloid dioncophylline A against Spodoptera littoralis. Phytochemistry, 1992, 31, 3821-3825.	1.4	30
100	Jozimine A (â€˜dimericâ€™ dioncophylline A), a non-natural michellamine analog with high antimalarial activity. Tetrahedron, 1996, 52, 13409-13418.	1.0	30
101	Ancistroheynine a, the first 7,8â€²-coupled naphthylisoquinoline alkaloid from Ancistrocladus heyneanus. Phytochemistry, 1996, 43, 1405-1410.	1.4	30
102	In vitro inhibition of liver forms of the rodent malaria parasite Plasmodium berghei by naphthylisoquinoline alkaloids - structure-activity relationships of dioncophyllines A and C and ancistrocladine. Parasitology Research, 1997, 83, 673-679.	0.6	30
103	Cis- and trans-isoshinanolone from Dioncophyllum thollonii: absolute configuration of two `known', wide-spread natural products1Part 127 in the series `Acetogenic isoquinoline alkaloids'. For part 126, see Bringmann et al., submitted for publication (a).1. Phytochemistry, 1999, 51, 693-699.	1.4	30
104	8-O-Methyldioncophyllinol B and revised structures of other 7, 6â€²-coupled naphthylisoquinoline alkaloids from Triphyophyllum peltatum (Dioncophyllaceae). Phytochemistry, 2000, 54, 337-346.	1.4	30
105	Ancistrolikokines Aâ€“C:Â New 5,8â€²-Coupled Naphthylisoquinoline Alkaloids fromAncistrocladuslikoko1. Journal of Natural Products, 2000, 63, 1333-1337.	1.5	30
106	Joziknipholones A and B: The First Dimeric Phenylanthraquinones, from the Roots of Bulbine frutescens. Chemistry - A European Journal, 2008, 14, 1420-1429.	1.7	30
107	Michellamines A₆ and A₇, and further mono- and dimeric naphthylisoquinoline alkaloids from a Congolese Ancistrocladus liana and their antiausterity activities against pancreatic cancer cells. RSC Advances, 2018, 8, 5243-5254.	1.7	30
108	(+)-Ancistrocline, a naphthylisoquinoline alkaloid from Ancistrocladus tectorius. Phytochemistry, 1992, 31, 3297-3299.	1.4	29

#	Article	IF	Citations
109	Ancistrobertsonine A and related naphthylisoquinoline alkaloids from Ancistrocladus robertsoniorum. Phytochemistry, 1998, 47, 31-35.	1.4	29
110	Characterization of Enzymes fromAncistrocladus(Ancistrocladaceae) andTriphyophyllum(Dioncophyllaceae) Catalyzing Oxidative Coupling of Naphthylisoquinoline Alkaloids to Michellamines,. Archives of Biochemistry and Biophysics, 1998, 350, 87-94.	1.4	29
111	Ancistrobrevine C from Ancistrocladus abbreviatus: The first mixed â€˜ancistrocladaceae/dioncophyllaceae-typeâ€™ naphthylisoquinoline alkaloid. Phytochemistry, 1993, 33, 1511-1515.	1.4	28
112	Naphthylisoquinoline alkaloids from Ancistrocladus cochinchinensis. Phytochemistry, 1997, 45, 1287-1291.	1.4	28
113	Differential sensitivity of erythrocytic stages of the rodent malaria parasite Plasmodium chabaudi chabaudi to dioncophylline B, a highly active naphthylisoquinoline alkaloid. Parasitology Research, 1999, 85, 935-941.	0.6	28
114	Cyclombandakamines A₁ and A₂, Oxygen-Bridged Naphthylisoquinoline Dimers from a Congolese Ancistrocladus Liana. Organic Letters, 2017, 19, 1342-1345.	2.4	28
115	Ancistrobrevines E-J and related naphthylisoquinoline alkaloids from the West African liana Ancistrocladus abbreviatus with inhibitory activities against Plasmodium falciparum and PANC-1 human pancreatic cancer cells. FÃ¬toterapÃ¬Ã¢, 2018, 131, 245-259.	1.1	28
116	A Near-Complete Series of Four Atropisomeric Jozimine A₂-Type Naphthylisoquinoline Dimers with Antiplasmodial and Cytotoxic Activities and Related Alkaloids from Ancistrocladus abbreviatus. Journal of Natural Products, 2019, 82, 3033-3046.	1.5	28
117	Biaryl hydroxy aldehydes as intermediates in the metal-assisted atropo-enantioselective reduction of biaryl lactones: Structures and aldehyde-lactol equilibria. Tetrahedron, 1998, 54, 10677-10690.	1.0	27
118	Ancistroguineines A and B as well as ancistrotectorine-naphthylisoquinoline alkaloids from Ancistrocladus guineÃ«nsis. Phytochemistry, 1998, 47, 37-43.	1.4	27
119	Dioncophylline A as a Growth-Retarding Agent against the Herbivorous Insect Spodoptera littoralis:â€‰Structureâ€“Activity Relationships. Journal of Natural Products, 1997, 60, 342-347.	1.5	26
120	Ancistrobenomine A, the First Naphthylisoquinoline Oxygenated at Me-3, and Related 5,1â€˜-Coupled Alkaloids, from the â€œNewâ€•Plant SpeciesAncistrocladusbenomensis1. Journal of Natural Products, 2004, 67, 2058-2062.	1.5	26
121	C,Câ€•and N,Câ€Coupled Dimers of 2â€Aminotetraphenylporphyrins: Regiocontrolled Synthesis, Spectroscopic Properties, and Quantumâ€Chemical Calculations. Chemistry - A European Journal, 2014, 20, 3998-4006.	1.7	26
122	Antileukemic ancistrobenomine B and related 5,1â€²-coupled naphthylisoquinoline alkaloids from the Chinese liana Ancistrocladus tectorius. FÃ¬toterapÃ¬Ã¢, 2017, 121, 76-85.	1.1	26
123	Microsatellites facilitate species delimitation in Congolese Ancistrocladus (Ancistrocladaceae), a genus with pharmacologically potent naphthylisoquinoline alkaloids. Taxon, 2014, 63, 329-341.	0.4	25
124	Yaoundamines A and B, new antimalarial naphthylisoquinoline alkaloids from Ancistrocladus korupensis. Tetrahedron, 1997, 53, 8121-8128.	1.0	24
125	Octadehydromichellamine, a structural analog of the anti-HIV michellamines without centrochirality. Tetrahedron, 1999, 55, 1731-1740.	1.0	24
126	Indaphyrins and Indachlorins: Optical and Chiroptical Properties of a Family of Helimeric Porphyrinoids. European Journal of Organic Chemistry, 2015, 2015, 3913-3922.	1.2	24

#	Article	IF	Citations
127	Ancistectorine D, a naphthylisoquinoline alkaloid with antiprotozoal and antileukemic activities, and further 5,8'- and 7,1'-linked metabolites from the Chinese liana Ancistrocladus tectorius. FÃ¬toterapÃ¬Ã¢, 2016, 115, 1-8.	1.1	24
128	Ancistrolikokines Eâ€“H and related 5,8â€²-coupled naphthylisoquinoline alkaloids from the Congolese lianaAncistrocladus likokowith antiausterity activities against PANC-1 human pancreatic cancer cells. RSC Advances, 2017, 7, 53740-53751.	1.7	24
129	Antiprotozoal Spirombandakamines A₁ and A₂, Fused Naphthylisoquinoline Dimers from a Congolese Ancistrocladus Plant. Organic Letters, 2017, 19, 6740-6743.	2.4	24
130	Ancistroyafungines A-D, 5,8â€²- and 5,1â€²-coupled naphthylisoquinoline alkaloids from a Congolese Ancistrocladus species, with antiausterity activities against human PANC-1 pancreatic cancer cells. FÃ¬toterapÃ¬Ã¢, 2018, 130, 6-16.	1.1	24
131	N,C-Coupled naphthylisoquinoline alkaloids: a versatile new class of axially chiral natural products. Natural Product Reports, 2021, 38, 2154-2186.	5.2	24
132	Synthesis of pindikamine A, a michellamine-related dimer of a non-natural, â€˜skewâ€™ naphthylisoquinoline. Tetrahedron, 1996, 52, 13419-13426.	1.0	23
133	Natural coumarins as potential anti-SARS-CoV-2 agents supported by docking analysis. RSC Advances, 2021, 11, 16970-16979.	1.7	23
134	Acetogenic isoquinoline alkaloids. Journal of Chromatography A, 1999, 837, 267-272.	1.8	22
135	The Novel Antimalarial Compound Dioncophylline C Forms a Complex with Heme in Solution. ChemMedChem, 2007, 2, 541-548.	1.6	22
136	Antiplasmodial Ealapasamines A-C,â€˜Mixedâ€™ Naphthylisoquinoline Dimers from the Central African Liana Ancistrocladus ealaensis. Scientific Reports, 2017, 7, 5767.	1.6	22
137	A short biomimetic synthesis of the isoquinoline and the naphthalene moieties of ancistrocladus alkaloids from common Î²-polycarbonyl precursors. Tetrahedron Letters, 1982, 23, 2009-2012.	0.7	21
138	Chiral and Achiral Basket-Handle Porphyrins: Short Synthesis and Stereostructures of These Versatile Building Blocks. Organic Letters, 2015, 17, 210-213.	2.4	21
139	Acetogenine Isochinolinâ€Alkaloide, 6. Aufbau und Cyclisierung zentral modifizierter ÃŸâ€Pentaketone: Synthese monocyclischer Isochinolinalkaloidâ€Vorstufen. Liebigs Annalen Der Chemie, 1985, 1985, 2105-2115.	0.8	20
140	Ancistroheynine B and two further 7,3â€²-coupled naphthylisoquinoline alkaloids from Ancistrocladus heyneanus Wall.. Phytochemistry, 2004, 65, 2903-2907.	1.4	20
141	Ancistrolikokine I and further 5,8â€²-coupled naphthylisoquinoline alkaloids from the Congolese liana Ancistrocladus likoko and their cytotoxic activities against drug-sensitive and multidrug resistant human leukemia cells. FÃ¬toterapÃ¬Ã¢, 2018, 129, 114-125.	1.1	20
142	Thalassosterol, a New Cytotoxic Aromatase Inhibitor Ergosterol Derivative from the Red Sea Seagrass Thalassodendron ciliatum. Marine Drugs, 2020, 18, 354.	2.2	20
143	Novel Concepts in Directed Biaryl Synthesis, XVI. Synthesis and Structure of Benzonaphthopyrans; Helically Distorted, Bridged Biaryls with Different Steric Hindrance at the Axis. Liebigs Annalen Der Chemie, 1992, 1992, 769-775.	0.8	19
144	Molluscicidal Activity of Naphthylisoquinoline Alkaloids fromTriphyophyllumandAncistrocladusSpecies*. Planta Medica, 1996, 62, 556-557.	0.7	19

#	Article	IF	Citations
145	Acetogenic isoquinoline alkaloids. Journal of Chromatography A, 1998, 810, 231-236.	1.8	19
146	Jozimine B, a Constitutionally Unsymmetric, Antiplasmodial â€˜Dimerâ€™ of the Naphthylisoquinoline Alkaloid Ancistrocladine. Tetrahedron, 2000, 56, 3523-3531.	1.0	19
147	Acetogenine IsochinolinâEAlkaloide, 7. Einfache Synthesen nÃ¼tzlicher DiketoâEBausteine fÃ¼r biomimetische IsochinolinâE•und NaphthalinâESynthesen. Liebigs Annalen Der Chemie, 1985, 1985, 2116-2125.	0.8	18
148	Acetogenic anthraquinones: biosynthetic convergence and chemical evidence of enzymatic cooperation in nature. Phytochemistry Reviews, 2008, 7, 499-511.	3.1	18
149	Multiple convergence in polyketide biosynthesis: a third folding mode to the anthraquinone chrysophanol. Chemical Communications, 2009, , 6810.	2.2	18
150	Ancistrocladus ileboensis (D.R.Congo), a new liana with unique alkaloids. Plant Ecology and Evolution, 2010, 143, 63-69.	0.3	18
151	Determination of Configuration at the Biaryl Axes of Naphthylisoquinoline Alkaloids by Long-Range NOE Effects. Magnetic Resonance in Chemistry, 1997, 35, 297-301.	1.1	17
152	Jozipeltine A, a Novel, Unnatural Dimer of the Highly Hydroxylated Naphthylisoquinoline Alkaloid Dioncopeltine A. Tetrahedron, 2000, 56, 5871-5875.	1.0	17
153	Axial, Helical, and Planar Chirality in Directly Linked Basket-Handle Porphyrin Arrays. Journal of Organic Chemistry, 2016, 81, 1075-1088.	1.7	17
154	Vibrational spectroscopic characterization of arylisoquinolines by means of Raman spectroscopy and density functional theory calculations. Physical Chemistry Chemical Physics, 2017, 19, 29918-29926.	1.3	17
155	Ealamines Aâ€“H, a Series of Naphthylisoquinolines with the Rare 7,8â€²-Coupling Site, from the Congolese Liana Ancistrocladus ealaensis, Targeting Pancreatic Cancer Cells. Journal of Natural Products, 2019, 82, 3150-3164.	1.5	17
156	Acetogenine IsochinolinâEAlkaloide, 8. Biomimetische Synthesen beider MolekÃ¼lhÃlften der Ancistrocladusâ€•und der Triphyophyllumâ€Alkaloide aus gemeinsamen Vorstufen. Liebigs Annalen Der Chemie, 1985, 1985, 2126-2134.	0.8	16
157	(Â±)-dioncophyllacine A, A naphthylisoquinoline alkaloid with A 4-methoxy substituent from the leaves of Triphyophyllum peltatum. Phytochemistry, 1992, 31, 4015-4018.	1.4	16
158	Evidence for species differentiation within the Ancistrocladus tectorius complex (Ancistrocladaceae) in Southeast Asia: a molecular approach. Plant Systematics and Evolution, 2010, 284, 77-98.	0.3	16
159	5â€²-O-Methyldioncophylline D, a 7,8â€²-coupled naphthylisoquinoline alkaloid from callus cultures of Triphyophyllum peltatum, and its biosynthesis from a late-stage tetrahydroisoquinoline precursor. Tetrahedron, 2016, 72, 2906-2912.	1.0	16
160	Naphthylisoquinoline alkaloids, validated as hit multistage antiplasmodial natural products. International Journal for Parasitology: Drugs and Drug Resistance, 2020, 13, 51-58.	1.4	16
161	Acetogenine IsochinolinâEAlkaloide, 5. Aufbau und Cyclisierung terminal geschÃ¼tzter Î²â€Pentaketone: Erste Synthese des AloeninâEAglycons. Liebigs Annalen Der Chemie, 1985, 1985, 765-774.	0.8	15
162	Dioncophylline A, the Principal Cytotoxin fromAncistrocladus letestui. Natural Product Research, 1995, 6, 315-320.	0.4	15

#	Article	IF	Citations
163	Gentrymine B, an N -Quaternary Ancistrocladus Alkaloid: Stereoanalysis, Synthesis, and Biomimetic Formation from Gentrymine A 1. Tetrahedron, 2000, 56, 581-585.	1.0	15
164	Parvistemins Aâ€“D, a new type of dimeric phenylethyl benzoquinones from Stemona parviflora Wright. Tetrahedron, 2007, 63, 4688-4694.	1.0	15
165	Ancistrobreveines Aâ€“D and related dehydrogenated naphthylisoquinoline alkaloids with antiproliferative activities against leukemia cells, from the West African lianaAncistrocladus abbreviatus. RSC Advances, 2019, 9, 15738-15748.	1.7	15
166	Ancistrobrevidines A-C and related naphthylisoquinoline alkaloids with cytotoxic activities against HeLa and pancreatic cancer cells, from the liana Ancistrocladus abbreviatus. Bioorganic and Medicinal Chemistry, 2021, 30, 115950.	1.4	15
167	5â€²-O-demethyl-8-O-methyl-7-epi-dioncophylline a and its â€˜regularlyâ€™ configurated atropisomer from Triphyophyllum peltatum. Phytochemistry, 1994, 36, 1057-1061.	1.4	14
168	Circular dichroism of naphthyldihydroisoquinoline alkaloids: Determination of the axial configuration of yaoundamine A. Tetrahedron, 1997, 53, 2817-2822.	1.0	14
169	One-Step Oxidative Dimerization of Genuine, Unprotected Naphthylisoquinolines Alkaloids to Give Michellamines and Other Bioactive Quateraryls. Synthesis, 2000, 2000, 1843-1847.	1.2	14
170	Monomeric Chiral and Achiral Basket-Handle Porphyrins: Synthesis, Structural Features, and Arrested Tautomerism. Journal of Organic Chemistry, 2015, 80, 12359-12378.	1.7	14
171	First Atroposelective Total Synthesis of Enantiomerically Pure Ancistrocladidine and Ancistrotectorine. Chemistry - A European Journal, 2016, 22, 9792-9796.	1.7	14
172	Metallocorroles as inherently chiral chromophores: resolution and electronic circular dichroism spectroscopy of a tungsten biscorrole. Chemical Communications, 2017, 53, 6121-6124.	2.2	14
173	Ancistrosecolines Aâ€“F, Unprecedented seco-Naphthylisoquinoline Alkaloids from the Roots of Ancistrocladus abbreviatus, with Apoptosis-Inducing Potential against HeLa Cancer Cells. Journal of Natural Products, 2020, 83, 1139-1151.	1.5	13
174	Gentrymine B1, the first quaternary isoquinoline alkaloid from Ancistrocladus korupensis. Tetrahedron Letters, 1995, 36, 4753-4756.	0.7	13
175	The Biodiversity of the Genus Dictyota: Phytochemical and Pharmacological Natural Products Prospectives. Molecules, 2022, 27, 672.	1.7	12
176	Isoancistrocladine from ancistrocladus heyneanus: The first naturally occurring n-unsubstituted cis-configurated naphthyltetrahydroisoquinoline alkaloid. Phytochemistry, 1993, 35, 259-261.	1.4	11
177	Highly Antiplasmodial Nonâ€Natural Oxidative Products of Dioncophyllineâ€…A: Synthesis, Absolute Configuration, and Conformational Stability. Chemistry - A European Journal, 2015, 21, 14507-14518.	1.7	11
178	Axially Chiral Dimeric Naphthalene and Naphthoquinone Metabolites, from Root Cultures of the West African LianaTriphyophyllum peltatum. Journal of Natural Products, 2016, 79, 2094-2103.	1.5	11
179	Quality of the antimalarial medicine artemether â€“ lumefantrine in 8 cities of the Democratic Republic of the Congo. Drug Testing and Analysis, 2018, 10, 1599-1606.	1.6	11
180	Ancistrocyclinones A and B, unprecedented pentacyclic N,C-coupled naphthylisoquinoline alkaloids, from the Chinese liana Ancistrocladus tectorius. Organic and Biomolecular Chemistry, 2018, 16, 1581-1590.	1.5	10

#	Article	IF	Citations
181	Atroposelective Total Synthesis of the Fourfold ortho â€Substituted Naphthyltetrahydroisoquinoline Biaryl O , N â€Dimethylhamatine. Chemistry - A European Journal, 2019, 25, 14237-14245.	1.7	10
182	Antiprotozoal dimeric naphthylisoquinolines, mbandakamines B₃ and B₄, and related 5,8â€²-coupled monomeric alkaloids, ikelacongolines Aâ€“D, from a Congolese Ancistrocladus liana. RSC Advances, 2019, 9, 12034-12046.	1.7	10
183	Molluscicidal Activity (Biomphalaria glabrata) of Dioncophylline A: Structure-Activity Investigations#. Planta Medica, 1998, 64, 485-486.	0.7	9
184	QSAR guided synthesis of simplified antiplasmodial analogs of naphthylisoquinoline alkaloids. European Journal of Medicinal Chemistry, 2010, 45, 5370-5383.	2.6	9
185	Alterations to the structure of Leishmania major induced by N-arylisoquinolines correlate with compound accumulation and disposition. Journal of Medical Microbiology, 2010, 59, 69-75.	0.7	9
186	New Cytotoxic Natural Products from the Red Sea Sponge Stylissa carteri. Marine Drugs, 2020, 18, 241.	2.2	9
187	A New Central Binaphthalene Building Block for Michellamine Syntheses. Synthesis, 2000, 2000, 383-388.	1.2	7
188	Capillary zone electrophoresis for the determination of amodiaquine and three of its synthetic impurities in pharmaceutical formulations. Electrophoresis, 2018, 39, 2530-2539.	1.3	7
189	New Cytotoxic Cerebrosides from the Red Sea Cucumber Holothuria spinifera Supported by In-Silico Studies. Marine Drugs, 2020, 18, 405.	2.2	7
190	Naphthylisoquinoline alkaloids and their synthetic analogs as potent novel inhibitors against Babesia canis in vitro. Veterinary Parasitology, 2020, 283, 109177.	0.7	7
191	Biomimetic Total Synthesis of Mbandakamine A and Further Antiplasmodial Naphthylisoquinoline Dimers. ChemistrySelect, 2018, 3, 940-945.	0.7	6
192	An Unusually Broad Series of Seven Cyclombandakamines, Bridged Dimeric Naphthylisoquinoline Alkaloids from the Congolese Liana Ancistrocladus ealaensis. Scientific Reports, 2019, 9, 9812.	1.6	6
193	Identifying the specific-targeted marine cerebrosides against SARS-CoV-2: an integrated computational approach. RSC Advances, 2021, 11, 36042-36059.	1.7	6
194	Ancistrotectoquinones A and B, the First Quinoid Naphthylisoquinoline Alkaloids, from the Chinese Liana Ancistrocladus tectorius. Natural Product Communications, 2016, 11, 971-976.	0.2	6
195	Labelled precursors for biosynthetic studies on naphthylisoquinoline alkaloids. Journal of Labelled Compounds and Radiopharmaceuticals, 1997, 39, 29-38.	0.5	5
196	Directed Synthesis of All Four Pure Stereoisomers of the N,C-Coupled Naphthylisoquinoline Alkaloid Ancistrocladinium A. Organic Letters, 2016, 18, 6508-6511.	2.4	5
197	Rational quality assessment procedure for less-investigated herbal medicines: Case of a Congolese antimalarial drug with an analytical report. FÃ¬toterapÃ¬Ã¢, 2016, 110, 189-195.	1.1	5
198	Chiroptical Properties of Indolenine Squaraines with a Stereogenic Center at Close Proximity. Journal of Organic Chemistry, 2020, 85, 12227-12242.	1.7	5

#	Article	IF	Citations
199	Two Atropisomeric N-Methyldioncophyllines A and N-Methylphylline, their Naphthalene-Free Heterocyclic Moiety, from Ancistrocladus barteri. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 577-584.	0.3	4
200	Holospiniferoside: A New Antitumor Cerebroside from The Red Sea Cucumber Holothuria spinifera: In Vitro and In Silico Studies. Molecules, 2021, 26, 1555.	1.7	4
201	Spirombandakamine A3 and Cyclombandakamines A8 and A9, Polycyclic Naphthylisoquinoline Dimers, with Antiprotozoal Activity, from a Congolese Ancistrocladus Plant. Journal of Natural Products, 2021, 84, 1335-1344.	1.5	4
202	Epoxides related to dioncoquinone B: Synthesis, activity against multiple myeloma cells, and search for the target protein. Tetrahedron, 2018, 74, 5102-5112.	1.0	3
203	(R)â€•Tonkafuranone and related compounds: Improved synthesis, stereochemical purity in nature, and bioactivities of the pure enantiomers. Flavour and Fragrance Journal, 2019, 34, 329-338.	1.2	1
204	NS3 helicase inhibitory potential of the marine sponge Spongia irregularis. RSC Advances, 2022, 12, 2992-3002.	1.7	1