

# Torsten Bruhn

## List of Publications by Year in descending order

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73  
papers

4,064  
citations

159358

30  
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118652

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89  
docs citations

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times ranked

4526  
citing authors

#	ARTICLE	IF	CITATIONS
1	SpecDis: Quantifying the Comparison of Calculated and Experimental Electronic Circular Dichroism Spectra. <i>Chirality</i> , 2013, 25, 243-249.	1.3	1,038
2	Good Computational Practice in the Assignment of Absolute Configurations by TDDFT Calculations of ECD Spectra. <i>Chirality</i> , 2016, 28, 466-474.	1.3	381
3	The Assignment of Absolute Stereostructures through Quantum Chemical Circular Dichroism Calculations. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 2717-2727.	1.2	295
4	Circularly Polarized Luminescence from Axially Chiral BODIPY DYEmers: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 16089-16098.	1.7	119
5	Axially Chiral BODIPY DYEmers: An Apparent Exception to the Exciton Chirality Rule. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14592-14595.	7.2	98
6	Axially Chiral $\hat{\Gamma}_2, \hat{\Gamma}_2$ -Bisporphyrins: Synthesis and Configurational Stability Tuned by the Central Metals. <i>Journal of the American Chemical Society</i> , 2008, 130, 17812-17825.	6.6	90
7	Investigation of Reactive Intermediates of Chemical Reactions in Solution by Electrospray Ionization Mass Spectrometry: Radical Chain Reactions. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2738-2742.	7.2	86
8	Synthesis and Helicate Formation of a New Family of BINOL-Based Bis(bipyridine) Ligands. <i>Journal of the American Chemical Society</i> , 2009, 131, 3621-3630.	6.6	86
9	Shearinines $\hat{D}$ -K, new indole triterpenoids from an endophytic <i>Penicillium</i> sp. (strain HK10459) with blocking activity on large-conductance calcium-activated potassium channels. <i>Tetrahedron</i> , 2007, 63, 435-444.	1.0	84
10	Xylogranatins $\hat{F}$ -R: Antifeedants from the Chinese Mangrove, <i>Xylocarpus granatum</i> , A New Biogenetic Pathway to Tetranortriterpenoids. <i>Chemistry - A European Journal</i> , 2008, 14, 1129-1144.	1.7	81
11	Chloropupukeanolides $\hat{C}$ -E: Cytotoxic Pupukeanane Chlorides with a Spiroketal Skeleton from <i>Pestalotiopsis fici</i> . <i>Chemistry - A European Journal</i> , 2011, 17, 2604-2613.	1.7	78
12	Regiodivergent $\hat{N}_2$ C and $\hat{N}_2$ N Aryl Coupling Reactions of Indoloterpenes and Cycloether Formation Mediated by a Single Bacterial Flavoenzyme. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9040-9043.	7.2	73
13	Cleavage of Four Carbon-Carbon Bonds during Biosynthesis of the Griseorhodin A Spiroketal Pharmacophore. <i>Journal of the American Chemical Society</i> , 2009, 131, 2297-2305.	6.6	68
14	Helimeric Porphyrinoids: Stereostructure and Chiral Resolution of meso-Tetraarylmorpholinochlorins. <i>Journal of the American Chemical Society</i> , 2011, 133, 8740-8752.	6.6	58
15	Baculiferins $\hat{A}$ -O, O-sulfated pyrrole alkaloids with anti-HIV-1 activity, from the Chinese marine sponge <i>Iotrochota baculifera</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5466-5474.	1.4	55
16	Antitumoral and antileishmanial dioncoquinones and ancistroquinones from cell cultures of <i>Triphyophyllum peltatum</i> (Dioncophyllaceae) and <i>Ancistrocladus abbreviatus</i> (Ancistrocladaceae). <i>Phytochemistry</i> , 2008, 69, 2501-2509.	1.4	47
17	Total synthesis of the antimalarial naphthylisoquinoline alkaloid 5-epi- $\hat{4}$ -O-demethylancistrobertsonine C by asymmetric Suzuki cross-coupling. <i>Tetrahedron</i> , 2008, 64, 5563-5568.	1.0	45
18	Catechin Derivatives from <i>Parapiptadenia rigida</i> with <i>in Vitro</i> Wound-Healing Properties. <i>Journal of Natural Products</i> , 2010, 73, 2035-2041.	1.5	45

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19	Synthesis and Stereochemistry of Highly Unsymmetric $\beta^2$ , $\beta^2$ -Meso-Linked Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , 2009, 74, 8005-8020.	1.7	44
20	Synthesis and recognition behaviour of allosteric hemicarcerands. <i>Tetrahedron Letters</i> , 2002, 43, 1807-1811.	0.7	40
21	Synthesis, Resolution, and Absolute Configuration of Difunctionalized Tröger's Base Derivatives. <i>Chemistry - A European Journal</i> , 2008, 14, 4246-4255.	1.7	40
22	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> , 2017, 80, 2807-2817.	1.5	40
23	Antiviral Limonoids Including Khayanolides from the Trang Mangrove Plant <i>Xylocarpus moluccensis</i> . <i>Journal of Natural Products</i> , 2015, 78, 1570-1578.	1.5	39
24	Theoretical group 14 chemistry. Part 2. Si <sub>4</sub> R <sub>6</sub> : a theoretical approach. <i>Computational and Theoretical Chemistry</i> , 2004, 680, 91-97.	1.5	38
25	Shuangancistroretorines A and E, Dimeric Naphthylisoquinoline Alkaloids with Three Chiral Biaryl Axes from the Chinese Plant <i>Ancistrocladus tectorius</i> . <i>Chemistry - A European Journal</i> , 2010, 16, 4206-4216.	1.7	38
26	Quantum chemical CD calculations of dioncophylline A in the solid state. <i>Tetrahedron</i> , 2009, 65, 5720-5728.	1.0	37
27	Ultrafast exciton dynamics after Soret- or Q-band excitation of a directly $\beta^2$ , $\beta^2$ -linked bisporphyrin. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8038.	1.3	37
28	Andhraxylocarpins A and E: Structurally Intriguing Limonoids from the True Mangroves <i>Xylocarpus granatum</i> and <i>Xylocarpus moluccensis</i> . <i>Chemistry - A European Journal</i> , 2012, 18, 14342-14351.	1.7	36
29	Helicusin E, Isochromophilone X and Isochromophilone XI: New Chloroazaphilones Produced by the Fungus <i>Bartalinia robillardoides</i> Strain LF550. <i>Marine Drugs</i> , 2013, 11, 800-816.	2.2	33
30	The role of magnetic-electric coupling in exciton-coupled ECD spectra: the case of bis-phenanthrenes. <i>Chemical Communications</i> , 2015, 51, 10498-10501.	2.2	32
31	(+) Flavipucine, the Missing Member of the Pyridione Epoxide Family of Fungal Antibiotics. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5156-5162.	1.2	31
32	The absolute axial configurations of knipholone and knipholone anthrone by TDDFT and DFT/MRCI CD calculations: a revision. <i>Tetrahedron</i> , 2007, 63, 9810-9824.	1.0	30
33	Thaixylomolins A and C: Limonoids Featuring Two New Motifs from the Thai <i>Xylocarpus moluccensis</i> . <i>Organic Letters</i> , 2013, 15, 3682-3685.	2.4	30
34	Nature's Lab for Derivatization: New and Revised Structures of a Variety of Streptophenazines Produced by a Sponge-Derived <i>Streptomyces</i> Strain. <i>Marine Drugs</i> , 2014, 12, 1699-1714.	2.2	28
35	Cyclombandakamines A <sub>1</sub> and A <sub>2</sub> , Oxygen-Bridged Naphthylisoquinoline Dimers from a Congolese <i>Ancistrocladus</i> Liana. <i>Organic Letters</i> , 2017, 19, 1342-1345.	2.4	28
36	Vibrational Optical Activity of BODIPY Dimers: The Role of Magnetic-Electric Coupling in Vibrational Excitons. <i>Journal of Physical Chemistry A</i> , 2017, 121, 394-400.	1.1	27

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37	C,Câ€and N,Câ€Coupled Dimers of 2â€Aminotetraphenylporphyrins: Regiocontrolled Synthesis, Spectroscopic Properties, and Quantumâ€Chemical Calculations. <i>Chemistry - A European Journal</i> , 2014, 20, 3998-4006.	1.7	26
38	Origin of the Regioselective Reduction of Chlorins. <i>Journal of Organic Chemistry</i> , 2015, 80, 4861-4868.	1.7	26
39	Sorbifuranones Aâ€C, sorbicillinoid metabolites from <i>Penicillium</i> strains isolated from Mediterranean sponges. <i>Tetrahedron</i> , 2010, 66, 9894-9901.	1.0	25
40	Indaphyrins and Indachlorins: Optical and Chiroptical Properties of a Family of Helimeric Porphyrinoids. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3913-3922.	1.2	24
41	Antiprotozoal Spirombandakamines A <sub>1</sub> and A <sub>2</sub> , Fused Naphthylisoquinoline Dimers from a Congolese <i>Ancistrocladus</i> Plant. <i>Organic Letters</i> , 2017, 19, 6740-6743.	2.4	24
42	Discovery of the Streptoketides by Direct Cloning and Rapid Heterologous Expression of a Cryptic PKS II Gene Cluster from <i>Streptomyces</i> sp. TÅ¼ 6314. <i>Journal of Organic Chemistry</i> , 2020, 85, 664-673.	1.7	24
43	Aspergiolides C and D: Spirocyclic Aromatic Polyketides with Potent Protein Kinase câ€Met Inhibitory Effects. <i>Chemistry - A European Journal</i> , 2011, 17, 1319-1326.	1.7	21
44	Chiral and Achiral Basket-Handle Porphyrins: Short Synthesis and Stereostructures of These Versatile Building Blocks. <i>Organic Letters</i> , 2015, 17, 210-213.	2.4	21
45	Stereoisomeric Composition of Natural Myrtucommulone A. <i>Journal of Natural Products</i> , 2015, 78, 2381-2389.	1.5	21
46	Polyketides from Marine-Derived <i>Aspergillus porosus</i> : Challenges and Opportunities for Determining Absolute Configuration. <i>Journal of Natural Products</i> , 2019, 82, 2780-2789.	1.5	21
47	Trangmolinsâ€F with an Unprecedented Structural Plasticity of the Ringsâ€A and B: New Insight into Limonoid Biosynthesis. <i>Chemistry - A European Journal</i> , 2016, 22, 11719-11727.	1.7	19
48	Theoretical study on the nonlinear optical properties of phenylenes and influencing factors. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 954-962.	0.9	18
49	Axial, Helical, and Planar Chirality in Directly Linked Basket-Handle Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , 2016, 81, 1075-1088.	1.7	17
50	Ealamines Aâ€H, a Series of Naphthylisoquinolines with the Rare 7,8â€Coupling Site, from the Congolese Liana <i>Ancistrocladus ealaensis</i> , Targeting Pancreatic Cancer Cells. <i>Journal of Natural Products</i> , 2019, 82, 3150-3164.	1.5	17
51	Synthesis and Pharmacological Evaluation of Fluorescent and Photoactivatable Analogues of Antiplasmodial Naphthylisoquinolines. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6104-6115.	2.9	16
52	New bhimamycins from <i>Streptomyces</i> sp. AK 671. <i>Journal of Antibiotics</i> , 2013, 66, 719-726.	1.0	16
53	Theoretical group 14 chemistry, Part 3. A DFT study of Ge <sub>4</sub> R <sub>6</sub> . <i>Computational and Theoretical Chemistry</i> , 2005, 714, 109-115.	1.5	15
54	Cryptochirality in 2,2â€Coupled BODIPY DYEmers. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4236-4243.	1.2	15

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55	Monomeric Chiral and Achiral Basket-Handle Porphyrins: Synthesis, Structural Features, and Arrested Tautomerism. <i>Journal of Organic Chemistry</i> , 2015, 80, 12359-12378.	1.7	14
56	Metallocorroles as inherently chiral chromophores: resolution and electronic circular dichroism spectroscopy of a tungsten biscorrole. <i>Chemical Communications</i> , 2017, 53, 6121-6124.	2.2	14
57	Ancistrosecolines Aâ€F, Unprecedented <i>seco</i> -Naphthylisoquinoline Alkaloids from the Roots of <i>Ancistrocladus abbreviatus</i> , with Apoptosis-Inducing Potential against HeLa Cancer Cells. <i>Journal of Natural Products</i> , 2020, 83, 1139-1151.	1.5	13
58	Investigation of the structure of neodymium-di-(2-ethylhexyl) phosphoric acid combinations using electrospray ionization and matrix-assisted laser desorption ionization mass spectrometry and nuclear magnetic resonance spectroscopy. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2005, 36, 429-436.	1.0	12
59	The origin of the absorption spectra of porphyrin N- and dithiaporphyrin S-oxides in their neutral and protonated states. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3560-3569.	1.3	12
60	Iminopropadienones Râ€NCCCO and carbon suboxide, C3O2. Theoretical and experimental 13C NMR spectra. <i>Computational and Theoretical Chemistry</i> , 2004, 686, 31-36.	1.5	11
61	Surprising Outcomes of Classic Ring-Expansion Conditions Applied to Octaethyloxochlorin, 3. Schmidt-Reaction Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1835-1842.	1.2	11
62	Characterization and Nonenzymatic Transformation of Three Types of Alkaloids from <i>Streptomyces albogriseolus</i> MGR072 and Discovery of Inhibitors of Indoleamine 2,3-Dioxygenase. <i>Organic Letters</i> , 2019, 21, 8577-8581.	2.4	10
63	Thermal Stability of Polymer Additives: Comparison of Decomposition Models Including Oxidative Pyrolysis. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, E12.	1.8	10
64	Silylene and Germylene Additions to 1,3-Diyne: Bis(silacyclopropenes) versus Germaethenes Formation, a DFT Study. <i>Organometallics</i> , 2004, 23, 1570-1575.	1.1	8
65	Theoretical 49Ti NMR chemical shifts. <i>Journal of Molecular Modeling</i> , 2006, 12, 723-729.	0.8	8
66	Reaction of Iminopropadienones with Amines: Mechanistic Explanations of Zwitterionic Intermediate, Ketene and Ketenimine Formation. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8999-9004.	1.1	6
67	An Unusually Broad Series of Seven Cyclombandakamines, Bridged Dimeric Naphthylisoquinoline Alkaloids from the Congolese Liana <i>Ancistrocladus ealaensis</i> . <i>Scientific Reports</i> , 2019, 9, 9812.	1.6	6
68	Theoretical Group 14 Chemistry. 4. Cyclotriplumbanes: Relativistic and Substituents Effects. <i>Journal of Chemical Theory and Computation</i> , 2005, 1, 1298-1303.	2.3	5
69	Singlet oxygen oxidation products of biliverdin IX $\beta$ dimethyl ester. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7671-7675.	1.4	5
70	Comment on "Cocaine Hydrochloride Structure in Solution Revealed by Three Chiroptical Methods". <i>ChemPhysChem</i> , 2017, 18, 2549-2551.	1.0	5
71	Release of Melamine and Formaldehyde from Melamine-Formaldehyde Plastic Kitchenware. <i>Molecules</i> , 2020, 25, 3629.	1.7	5
72	Front Cover: Surprising Outcomes of Classic Ring-Expansion Conditions Applied to Octaethyloxochlorin, 2. Beckmann-Rearrangement Conditions (Eur. J. Org. Chem. 14/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1804-1804.	1.2	2

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73	Towards a better comparability during GMP assessment – Identifying the main parameters that influence the loss of volatile organic compounds from silicone elastomers. Food Packaging and Shelf Life, 2021, 30, 100758.	3.3	2