

# Torsten Bruhn

## List of Publications by Citations

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78  
papers

3,163  
citations

28  
h-index

55  
g-index

89  
ext. papers

3,626  
ext. citations

5.2  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
78	SpecDis: quantifying the comparison of calculated and experimental electronic circular dichroism spectra. <i>Chirality</i> , <b>2013</b> , 25, 243-9	2.1	703
77	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
76	Good Computational Practice in the Assignment of Absolute Configurations by TDDFT Calculations of ECD Spectra. <i>Chirality</i> , <b>2016</b> , 28, 466-74	2.1	256
75	Circularly Polarized Luminescence from Axially Chiral BODIPY DYEmers: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16089-16098	4.8	87
74	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
73	Axially chiral beta,beta- $\beta$ isporphyrins: 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
72	Synthesis and helicate formation of a new family of BINOL-based bis(bipyridine) ligands. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3621-30	16.4	81
71	Investigation of reactive intermediates of chemical reactions in solution by electrospray ionization mass spectrometry: radical chain reactions. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2738-42	16.4	73
70	Xylogranatins F-R: antifeedants from the Chinese mangrove, <i>Xylocarpus granatum</i> , a new biogenetic pathway to tetranortriterpenoids. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 1129-44	4.8	72
69	Chloropupukeanolides C-E: cytotoxic pupukeanane chlorides with a spiroketal skeleton from <i>Pestalotiopsis fici</i> . <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 2604-13	4.8	67
68	Shearinines D $\bar{E}$ , new indole triterpenoids from an endophytic <i>Penicillium</i> sp. (strain HKI0459) with blocking activity on large-conductance calcium-activated potassium channels. <i>Tetrahedron</i> , <b>2007</b> , 63, 435-444	2.4	67
67	Regiodivergent N-C and N-N aryl coupling reactions of indoloterpenes and cycloether formation mediated by a single bacterial flavoenzyme. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 9040-3	16.4	57
66	Cleavage of four carbon-carbon bonds during biosynthesis of the griseorhodin a spiroketal pharmacophore. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2297-305	16.4	56
65	Helimeric porphyrinoids: stereostructure and chiral resolution of meso-tetraarylmorpholinochlorins. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 8740-52	16.4	54
64	Baculiferins 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> , <b>2010</b> , 18, 5466-74	3.4	45
63	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
62	Antitumoral and antileishmanial dioncoquinones and ancistroquinones from cell cultures of <i>Triphyophyllum peltatum</i> (Dioncophyllaceae) and <i>Ancistrocladus abbreviatus</i> (Ancistrocladaceae). <i>Phytochemistry</i> , <b>2008</b> , 69, 2501-9	4	37

61	Synthesis, resolution, and absolute configuration of difunctionalized Tröger base derivatives. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4246-55	4.8	37
60	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
59	Quantum chemical CD calculations of dioncophylline A in the solid state. <i>Tetrahedron</i> , <b>2009</b> , 65, 5720-5724	2.4	35
58	Synthesis and recognition behaviour of allosteric hemicarcerands. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 1807-1811	1.8	35
57	Catechin derivatives from <i>Parapiptadenia rigida</i> with in vitro wound-healing properties. <i>Journal of Natural Products</i> , <b>2010</b> , 73, 2035-41	4.9	34
56	Theoretical group 14 chemistry. Part 2. Si4R6: a theoretical approach. <i>Computational and Theoretical Chemistry</i> , <b>2004</b> , 680, 91-97		34
55	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
54	Ultrafast exciton dynamics after Soret- or Q-band excitation of a directly linked bisporphyrin. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 8038-50	3.6	31
53	Shuangancistroretorines 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
52	Helicusin E, isochromophilone X and isochromophilone XI: new chloroazaphilones produced by the fungus <i>Bartalinia robillardoides</i> strain LF550. <i>Marine Drugs</i> , <b>2013</b> , 11, 800-16	6	30
51	Antiviral Limonoids Including Khayanolides from the Trang Mangrove Plant <i>Xylocarpus moluccensis</i> . <i>Journal of Natural Products</i> , <b>2015</b> , 78, 1570-8	4.9	28
50	The absolute axial configurations of knipholone and knipholone anthrone by TDDFT and DFT/MRCI CD calculations: a revision. <i>Tetrahedron</i> , <b>2007</b> , 63, 9810-9824	2.4	28
49	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
48	The role of magnetic-electric coupling in exciton-coupled ECD spectra: the case of bis-phenanthrenes. <i>Chemical Communications</i> , <b>2015</b> , 51, 10498-501	5.8	26
47	(+)-Flavipucine, the Missing Member of the Pyridione Epoxide Family of Fungal Antibiotics. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 5156-5162	3.2	26
46	Axial-chirale BODIPY-DYEmers: eine offensichtliche Ausnahme für die Exciton-Chiralitäts-Methode. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14821-14824	3.6	25
45	Thaixylomolins A-C: limonoids featuring two new motifs from the Thai <i>Xylocarpus moluccensis</i> . <i>Organic Letters</i> , <b>2013</b> , 15, 3682-5	6.2	23
44	Origin of the regioselective reduction of chlorins. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 4861-8	4.2	22

43	Untersuchung von reaktiven Zwischenstufen bei chemischen Reaktionen in Lösung mit Elektrospray-Ionisations-Massenspektrometrie: Radikalkettenreaktionen. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 2863-2866	3.6	22
42	Cyclombandakamines A and A, Oxygen-Bridged Naphthylisoquinoline Dimers from a Congolese Ancistrocladus Liana. <i>Organic Letters</i> , <b>2017</b> , 19, 1342-1345	6.2	21
41	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
40	Sorbifuranones AII, sorbicillinoid metabolites from Penicillium strains isolated from Mediterranean sponges. <i>Tetrahedron</i> , <b>2010</b> , 66, 9894-9901	2.4	21
39	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
38	Regiodivergent N?C and N?N Aryl Coupling Reactions of Indoloterpenes and Cycloether Formation Mediated by a Single Bacterial Flavoenzyme. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 9210-9213	3.6	19
37	Aspergiolides C and D: spirocyclic aromatic polyketides with potent protein kinase c-Met inhibitory effects. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1319-26	4.8	19
36	Vibrational Optical Activity of BODIPY Dimers: The Role of Magnetic-Electric Coupling in Vibrational Excitons. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 394-400	2.8	18
35	Stereoisomeric Composition of Natural Myrtucommulone A. <i>Journal of Natural Products</i> , <b>2015</b> , 78, 2381-2399	2.9	17
34	Antiprotozoal Spirombandakamines A and A, Fused Naphthylisoquinoline Dimers from a Congolese Ancistrocladus Plant. <i>Organic Letters</i> , <b>2017</b> , 19, 6740-6743	6.2	17
33	Theoretical study on the nonlinear optical properties of phenylenes and influencing factors. <i>Journal of Physical Organic Chemistry</i> , <b>2008</b> , 21, 954-962	2.1	17
32	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
31	NatureQ lab for derivatization: new and revised structures of a variety of streptophenazines produced by a sponge-derived Streptomyces strain. <i>Marine Drugs</i> , <b>2014</b> , 12, 1699-714	6	15
30	Cryptochirality in 2,2'-Coupled BODIPY DYEmers. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 4236-4243	3.2	14
29	Trangmolins A-F with an Unprecedented Structural Plasticity of the Rings A and B: New Insight into Limonoid Biosynthesis. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 11719-27	4.8	14
28	Synthesis and pharmacological evaluation of fluorescent and photoactivatable analogues of antiplasmodial naphthylisoquinolines. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 6104-15	8.3	14
27	Discovery of the Streptoketides by Direct Cloning and Rapid Heterologous Expression of a Cryptic PKS II Gene Cluster from sp. T16314. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 664-673	4.2	14
26	Polyketides from Marine-Derived : Challenges and Opportunities for Determining Absolute Configuration. <i>Journal of Natural Products</i> , <b>2019</b> , 82, 2780-2789	4.9	13

25	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
24	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
23	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> , <b>2005</b> , 36, 429-436	2.5	12
22	Iminopropadienones R <sub>2</sub> CCCO and carbon suboxide, C <sub>3</sub> O <sub>2</sub> . Theoretical and experimental <sup>13</sup> C NMR spectra. <i>Computational and Theoretical Chemistry</i> , <b>2004</b> , 686, 31-36		11
21	Theoretical group 14 chemistry, Part 3. A DFT study of Ge <sub>4</sub> R <sub>6</sub> . <i>Computational and Theoretical Chemistry</i> , <b>2005</b> , 714, 109-115		11
20	Metalloporphyrins as inherently chiral chromophores: resolution and electronic circular dichroism spectroscopy of a tungsten bisporphyrin. <i>Chemical Communications</i> , <b>2017</b> , 53, 6121-6124	5.8	9
19	Surprising Outcomes of Classic Ring-Expansion Conditions Applied to Octaethylporphyrin, 3. Schmidt-Reaction Conditions. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 1835-1842	3.2	9
18	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> , <b>2015</b> , 17, 3560-9	3.6	9
17	Ealamines A-H, a Series of Naphthylisoquinolines with the Rare 7,8-C 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
16	Silylene and Germylene Additions to 1,3-Diynes: Bis(silacyclopropenes) versus Germaethenes Formation, a DFT Study. <i>Organometallics</i> , <b>2004</b> , 23, 1570-1575	3.8	8
15	The Online Stereochemical Analysis of Chiral Compounds by HPLC-ECD Coupling in Combination with Quantum-Chemical Calculations <b>2012</b> , 355-386		7
14	Theoretical <sup>49</sup> Ti NMR chemical shifts. <i>Journal of Molecular Modeling</i> , <b>2006</b> , 12, 723-9	2	7
13	Ancistrosecolines A-F, Unprecedented $\beta$ -Naphthylisoquinoline Alkaloids from the Roots of, with Apoptosis-Inducing Potential against HeLa Cancer Cells. <i>Journal of Natural Products</i> , <b>2020</b> , 83, 1139-1151	4.9	6
12	Characterization and Nonenzymatic Transformation of Three Types of Alkaloids from MGR072 and Discovery of Inhibitors of Indoleamine 2,3-Dioxygenase. <i>Organic Letters</i> , <b>2019</b> , 21, 8577-8581	6.2	6
11	New bhimamycins from <i>Streptomyces</i> sp. AK 671. <i>Journal of Antibiotics</i> , <b>2013</b> , 66, 719-26	3.7	6
10	Reaction of iminopropadienones with amines: mechanistic explanations of zwitterionic intermediate, ketene and ketenimine formation. <i>Journal of Physical Chemistry A</i> , <b>2008</b> , 112, 8999-9004	2.8	6
9	Thermal Stability of Polymer Additives: Comparison of Decomposition Models Including Oxidative Pyrolysis. <i>Journal of Vinyl and Additive Technology</i> , <b>2019</b> , 25, E12-E27	2	6
8	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

7	Singlet oxygen oxidation products of biliverdin IX $\alpha$ -dimethyl ester. <i>Bioorganic and Medicinal Chemistry</i> , <b>2015</b> , 23, 7671-5	3.4	5
6	Release of Melamine and Formaldehyde from Melamine-Formaldehyde Plastic Kitchenware. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
5	Comment on "Cocaine Hydrochloride Structure in Solution Revealed by Three Chiroptical Methods". <i>ChemPhysChem</i> , <b>2017</b> , 18, 2549-2551	3.2	4
4	Theoretical Group 14 Chemistry. 4. Cyclotriplumbanes: Relativistic and Substituents Effects. <i>Journal of Chemical Theory and Computation</i> , <b>2005</b> , 1, 1298-303	6.4	4
3	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> , <b>2017</b> , 2017, 1804-1804	3.2	2
2	Theoretical $^{49}\text{Ti}$ NMR chemical shifts 723-729		
1	Towards a better comparability during GMP assessment – Identifying the main parameters that influence the loss of volatile organic compounds from silicone elastomers. <i>Food Packaging and Shelf Life</i> , <b>2021</b> , 30, 100758	8.2	