

# Stefan BrÄse

## List of Publications by Year in descending order

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791  
papers

29,928  
citations

6254

80  
h-index

9861

141  
g-index

1047  
all docs

1047  
docs citations

1047  
times ranked

26448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Azides: An Exploding Diversity of a Unique Class of Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5188-5240.	13.8	1,894
2	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2096-2152.	13.8	664
3	A Brief History of OLEDs' Emitter Development and Industry Milestones. <i>Advanced Materials</i> , 2021, 33, e2005630.	21.0	551
4	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. <i>Chemistry of Materials</i> , 2010, 22, 5964-5972.	6.7	512
5	Chemistry and Biology of Mycotoxins and Related Fungal Metabolites. <i>Chemical Reviews</i> , 2009, 109, 3903-3990.	47.7	511
6	The oxa-Michael reaction: from recent developments to applications in natural product synthesis. <i>Chemical Society Reviews</i> , 2008, 37, 1218.	38.1	409
7	Recent developments in the field of oxa-Michael reactions. <i>Chemical Society Reviews</i> , 2012, 41, 988-999.	38.1	385
8	Recent approaches towards the asymmetric synthesis of $\alpha,\beta$ -disubstituted $\alpha$ -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 406-430.	2.8	364
9	Xanthones from Fungi, Lichens, and Bacteria: The Natural Products and Their Synthesis. <i>Chemical Reviews</i> , 2012, 112, 3717-3776.	47.7	341
10	Synthesis, Structure, and Characterization of Dinuclear Copper(I) Halide Complexes with P <sup>N</sup> Ligands Featuring Exciting Photoluminescence Properties. <i>Inorganic Chemistry</i> , 2013, 52, 2292-2305.	4.0	311
11	The Virtue of Palladium-Catalyzed Domino Reactions $\hat{=}$ Diverse Oligocyclizations of Acyclic 2-Bromoenynes and 2-Bromoenediynes. <i>Accounts of Chemical Research</i> , 2005, 38, 413-422.	15.6	293
12	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020, 11, 2627-2639.	7.4	290
13	Secretome protein enrichment identifies physiological BACE1 protease substrates in neurons. <i>EMBO Journal</i> , 2012, 31, 3157-3168.	7.8	279
14	Sustainable metal complexes for organic light-emitting diodes (OLEDs). <i>Coordination Chemistry Reviews</i> , 2018, 373, 49-82.	18.8	273
15	Bioconjugation via azide' Staudinger ligation: an overview. <i>Chemical Society Reviews</i> , 2011, 40, 4840.	38.1	271
16	The recent impact of solid-phase synthesis on medicinally relevant benzoannulated nitrogen heterocycles. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 2415-2437.	3.0	268
17	Bright Coppertunities: Multinuclear Cu <sup>I</sup> Complexes with N <sup>P</sup> Ligands and Their Applications. <i>Chemistry - A European Journal</i> , 2014, 20, 6578-6590.	3.3	229
18	Heteroleptic, Dinuclear Copper(I) Complexes for Application in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013, 25, 4471-4486.	6.7	220

#	ARTICLE	IF	CITATIONS
19	Tunable molecular separation by nanoporous membranes. <i>Nature Communications</i> , 2016, 7, 13872.	12.8	208
20	Chemical Synthesis of Glycosaminoglycans. <i>Chemical Reviews</i> , 2016, 116, 8193-8255.	47.7	198
21	Ortho-Trifluoromethylation of Functionalized Aromatic Triazenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3713-3715.	13.8	197
22	Asymmetric, Catalytic Phenyl Transfer to Imines: Highly Enantioselective Synthesis of Diarylmethylamines. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3692-3694.	13.8	184
23	A novel series of isorecticular metal organic frameworks: realizing metastable structures by liquid phase epitaxy. <i>Scientific Reports</i> , 2012, 2, 921.	3.3	183
24	Enantioselective Intramolecular Friedel-Crafts-Type $\beta$ -Arylation of Aldehydes. <i>Journal of the American Chemical Society</i> , 2009, 131, 2086-2087.	13.7	181
25	From iridium and platinum to copper and carbon: new avenues for more sustainability in organic light-emitting diodes. <i>Green Chemistry</i> , 2015, 17, 1988-2011.	9.0	168
26	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. <i>Organometallics</i> , 2004, 23, 2234-2237.	2.3	165
27	Propellanes—From a Chemical Curiosity to Explosive Materials and Natural Products. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5684-5718.	13.8	165
28	Total Synthesis of Vancomycin—Part 1: Design and Development of Methodology. <i>Chemistry - A European Journal</i> , 1999, 5, 2584-2601.	3.3	164
29	Palladium-catalysed reactions in solid phase organic synthesis. <i>Tetrahedron</i> , 2003, 59, 885-939.	1.9	162
30	Photoswitching in Two-Component Surface-Mounted Metal-Organic Frameworks: Optically Triggered Release from a Molecular Container. <i>ACS Nano</i> , 2014, 8, 1463-1467.	14.6	158
31	Coumarins. <i>Natural Product Reports</i> , 1997, 14, 465.	10.3	157
32	Palladium in action: domino coupling and allylic substitution reactions for the efficient construction of complex organic molecules. <i>Journal of Organometallic Chemistry</i> , 1999, 576, 88-110.	1.8	157
33	Planar chiral [2.2]paracyclophanes: from synthetic curiosity to applications in asymmetric synthesis and materials. <i>Chemical Society Reviews</i> , 2018, 47, 6947-6963.	38.1	156
34	Outstanding luminescence from neutral copper(i) complexes with pyridyl-tetrazolate and phosphine ligands. <i>Chemical Communications</i> , 2013, 49, 6501.	4.1	155
35	Xanthone dimers: a compound family which is both common and privileged. <i>Natural Product Reports</i> , 2015, 32, 6-28.	10.3	155
36	The Staudinger Ligation. <i>Chemical Reviews</i> , 2020, 120, 4301-4354.	47.7	153

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37	The Asymmetric Dialkylzinc Addition to Imines Catalyzed by [2.2]Paracyclophane-Based N,O-Ligands. <i>Journal of the American Chemical Society</i> , 2002, 124, 5940-5941.	13.7	147
38	Molecular Construction Kit for Tuning Solubility, Stability and Luminescence Properties: Heteroleptic MePyrPHOS-Copper Iodide-Complexes and their Application in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013, 25, 3414-3426.	6.7	147
39	Cellular Uptake of Platinum Nanoparticles in Human Colon Carcinoma Cells and Their Impact on Cellular Redox Systems and DNA Integrity. <i>Chemical Research in Toxicology</i> , 2009, 22, 649-659.	3.3	146
40	Bridging the Efficiency Gap: Fully Bridged Dinuclear Cu(I) Complexes for Singlet Harvesting in High-Efficiency OLEDs. <i>Advanced Materials</i> , 2015, 27, 2538-2543.	21.0	140
41	New Synthetic Technology for the Synthesis of Aryl Ethers: Construction of C-O-D and D-O-E Ring Model Systems of Vancomycin. <i>Journal of the American Chemical Society</i> , 1997, 119, 3421-3422.	13.7	139
42	The Virtue of the Multifunctional Triazene Linkers in the Efficient Solid-Phase Synthesis of Heterocycle Libraries. <i>Accounts of Chemical Research</i> , 2004, 37, 805-816.	15.6	138
43	A Short, Atom-Economical Entry to Tetrahydroxanthenones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 115-118.	13.8	137
44	Antibacterial Activity of Sulfamethoxazole Transformation Products (TPs): General Relevance for Sulfonamide TPs Modified at the para-Position. <i>Chemical Research in Toxicology</i> , 2014, 27, 1821-1828.	3.3	137
45	Turn on of sky-blue thermally activated delayed fluorescence and circularly polarized luminescence (CPL) via increased torsion by a bulky carbazolophane donor. <i>Chemical Science</i> , 2019, 10, 6689-6696.	7.4	135
46	Proline-catalysed asymmetric amination of $\alpha,\beta$ -disubstituted aldehydes: synthesis of configurationally stable enantioenriched $\alpha$ -aminoaldehydes. <i>Chemical Communications</i> , 2003, , 2448-2449.	4.1	134
47	Direct observation of intersystem crossing in a thermally activated delayed fluorescence copper complex in the solid state. <i>Science Advances</i> , 2016, 2, e1500889.	10.3	133
48	Solid-Phase Synthesis of Biologically Active Benzoannulated Nitrogen Heterocycles: An Update. <i>ACS Combinatorial Science</i> , 2009, 11, 175-197.	3.3	131
49	Platinum nanoparticles and their cellular uptake and DNA platination at non-cytotoxic concentrations. <i>Archives of Toxicology</i> , 2011, 85, 799-812.	4.2	125
50	Synthesis of highly functionalized C <sub>60</sub> fullerene derivatives and their applications in material and life sciences. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 25-54.	2.8	125
51	Total Synthesis of Vancomycin Part 2: Retrosynthetic Analysis, Synthesis of Amino Acid Building Blocks and Strategy Evaluations. <i>Chemistry - A European Journal</i> , 1999, 5, 2602-2621.	3.3	124
52	Systematic substrate identification indicates a central role for the metalloprotease ADAM10 in axon targeting and synapse function. <i>ELife</i> , 2016, 5, .	6.0	124
53	Photoconductivity in Metal-Organic Framework (MOF) Thin Films. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9590-9595.	13.8	118
54	Preparation of Freestanding Conjugated Microporous Polymer Nanomembranes for Gas Separation. <i>Chemistry of Materials</i> , 2014, 26, 7189-7193.	6.7	117

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55	Fabrication of Highly Uniform Gel Coatings by the Conversion of Surface-Anchored Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2014, 136, 8-11.	13.7	116
56	Regioselective Functionalization of [2.2]Paracyclophanes: Recent Synthetic Progress and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2156-2170.	13.8	116
57	Vinyl and Alkynyl Azides: Well-Known Intermediates in the Focus of Modern Synthetic Methods. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12169-12171.	13.8	114
58	Peptidic Amino- and Guanidinium-Carrier Systems: Targeted Drug Delivery into the Cell Cytosol or the Nucleus. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 376-379.	6.4	113
59	Metal-Organic Framework-Templated Biomaterials: Recent Progress in Synthesis, Functionalization, and Applications. <i>Accounts of Chemical Research</i> , 2019, 52, 1598-1610.	15.6	112
60	Recent Advances in Asymmetric C-C and C-Heteroatom Bond Forming Reactions using Polymer-Bound Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 869-929.	4.3	110
61	A New Protocol for the One-Pot Synthesis of Symmetrical Biaryls. <i>Journal of Organic Chemistry</i> , 2004, 69, 6830-6833.	3.2	110
62	Luminescent Cell-Penetrating Pentadecanuclear Lanthanide Clusters. <i>Journal of the American Chemical Society</i> , 2013, 135, 7454-7457.	13.7	110
63	Unprecedented Intra- and Intermolecular Palladium-Catalyzed Coupling Reactions with Methylene-cyclopropane-Type Tetrasubstituted Alkenes. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2545-2547.	4.4	107
64	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. <i>Chemical Communications</i> , 2018, 54, 9278-9281.	4.1	106
65	The Recent Impact of Solid-Phase Synthesis on Medicinally Relevant Benzoannelated Oxygen Heterocycles. <i>ACS Combinatorial Science</i> , 2005, 7, 147-169.	3.3	103
66	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18830-18834.	13.8	103
67	Copper(I) Complexes Based on Five-Membered P <sup>+</sup> N Heterocycles: Structural Diversity Linked to Exciting Luminescence Properties. <i>Inorganic Chemistry</i> , 2013, 52, 13509-13520.	4.0	101
68	Formation of genotoxic quinones during bisphenol A degradation by TiO <sub>2</sub> photocatalysis and UV photolysis: A comparative study. <i>Applied Catalysis B: Environmental</i> , 2014, 160-161, 106-114.	20.2	100
69	Biocatalytic production of tetrahydroisoquinolines. <i>Tetrahedron Letters</i> , 2012, 53, 1071-1074.	1.4	95
70	Efficient Cleavage-Cross-Coupling Strategy for Solid-Phase Synthesis-A Modular Building System for Combinatorial Chemistry. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1071-1073.	13.8	92
71	A Surprising Solid-Phase Effect: Development of a Recyclable -Traceless-Linker System for Reactions on Solid Support. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3413-3415.	13.8	91
72	Photoswitching in nanoporous, crystalline solids: an experimental and theoretical study for azobenzene linkers incorporated in MOFs. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14582-14587.	2.8	91

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73	Traceless Linkers-Only Disappearing Links in Solid-Phase Organic Synthesis?. Chemistry - A European Journal, 2000, 6, 1899-1905.	3.3	90
74	Click Chemistry Finds Its Way into Covalent Porous Organic Materials. Angewandte Chemie - International Edition, 2011, 50, 11844-11845.	13.8	87
75	Triazenes as robust and simple linkers for amines in solid-phase organic synthesis. Tetrahedron Letters, 1999, 40, 2105-2108.	1.4	86
76	Solid-phase synthesis of isoindolinones and naturally-occurring benzobutyrolactones (phthalides) using a cyclative-cleavage approach. Tetrahedron, 2004, 60, 8591-8603.	1.9	86
77	New Efficient Multicomponent Reactions with C <sup>α</sup> -C Coupling for Combinatorial Application in Liquid and on Solid Phase. Angewandte Chemie - International Edition, 1999, 38, 3669-3672.	13.8	85
78	Proton-conduction photomodulation in spiropyran-functionalized MOFs with large on/off ratio. Chemical Science, 2020, 11, 1404-1410.	7.4	85
79	Synthesis of Aryl Fluorides on a Solid Support and in Solution by Utilizing a Fluorinated Solvent. Angewandte Chemie - International Edition, 2010, 49, 5986-5988.	13.8	84
80	Planar and Central Chiral [2.2]Paracyclophanes as Powerful Catalysts for Asymmetric 1,2-Addition Reactions. Synlett, 2004, 2004, 2647-2669.	1.8	82
81	[2.2]Paracyclophane-Based N,O-Ligands in Alkenylzinc Additions to Aldehydes. Organic Letters, 2001, 3, 4119-4122.	4.6	79
82	Efficient Trifluoromethylation of Activated and Non-Activated Alkenyl Halides by Using (Trifluoromethyl)trimethylsilane. Advanced Synthesis and Catalysis, 2011, 353, 3044-3048.	4.3	79
83	Solid-Phase Synthesis of Urea and Amide Libraries Using the T2 Triazene Linker. ACS Combinatorial Science, 2000, 2, 710-715.	3.3	78
84	A H <sub>2</sub> S reactive adsorption process for the purification of biogas prior to its use as a bioenergy vector. Biomass and Bioenergy, 2005, 29, 142-151.	5.7	78
85	Continuously tunable solution-processed organic semiconductor DFB lasers pumped by laser diode. Optics Express, 2012, 20, 6357.	3.4	78
86	Versatile Syntheses of Alkynyl- and Substituted Alkynylcyclopropanes: 2-Alkoxyethynylcyclopropanes for the Anellation of Bicyclo[3.3.0]octane Fragments. Synthesis, 1993, 1993, 998-1012.	2.3	77
87	The Total Synthesis of the Fungal Metabolite Diversonol. Angewandte Chemie - International Edition, 2006, 45, 307-309.	13.8	77
88	New Catalysts for the Transition-Metal-Catalyzed Synthesis of Aziridines. Angewandte Chemie - International Edition, 2012, 51, 5538-5540.	13.8	75
89	Post-Synthetic Modification of Metal-Organic Framework Thin Films Using Click Chemistry: The Importance of Strained C-C Triple Bonds. Langmuir, 2013, 29, 15958-15964.	3.5	75
90	Photoswitchable Adsorption in Metal-Organic Frameworks Based on Polar Guest-Host Interactions. ChemPhysChem, 2015, 16, 3779-3783.	2.1	74

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91	Secretome Analysis Identifies Novel Signal Peptide Peptidase-Like 3 (SPPL3) Substrates and Reveals a Role of SPPL3 in Multiple Golgi Glycosylation Pathways*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1584-1598.	3.8	74
92	Enantioselective adsorption in homochiral metal-organic frameworks: the pore size influence. <i>Chemical Communications</i> , 2015, 51, 8998-9001.	4.1	74
93	High Antimicrobial Activity of Metal-Organic Framework-Templated Porphyrin Polymer Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 1528-1533.	8.0	74
94	Four-fold click reactions: Generation of tetrahedral methane- and adamantane-based building blocks for higher-order molecular assemblies. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4734.	2.8	73
95	Photolysis of four $\beta$ -lactam antibiotics under simulated environmental conditions: Degradation, transformation products and antibacterial activity. <i>Science of the Total Environment</i> , 2019, 651, 1605-1612.	8.0	73
96	Versatile synthesis of bicyclo[4.3.0]nonenes and bicyclo[4.4.0]decenes by a domino Heck-Diels-Alder reaction. <i>Tetrahedron</i> , 1996, 52, 11503-11528.	1.9	72
97	Tetrahedral organic molecules as components in supramolecular architectures and in covalent assemblies, networks and polymers. <i>RSC Advances</i> , 2014, 4, 6886.	3.6	72
98	Synthesis of Phenanthridine Derivatives via Photolysis. <i>Journal of Organic Chemistry</i> , 2011, 76, 9127-9132.	3.2	71
99	Experimental and Theoretical Study of Novel Luminescent Di-, Tri-, and Tetranuclear Copper Triazole Complexes. <i>Organometallics</i> , 2011, 30, 3275-3283.	2.3	70
100	Azides - Diazonium Ions - Triazenes: Versatile Nitrogen-rich Functional Groups. <i>Australian Journal of Chemistry</i> , 2014, 67, 328.	0.9	70
101	Chelating Carboxylic Acid Amides as Robust Relay Protecting Groups of Carboxylic Acids and their Cleavage under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6175-6177.	13.8	69
102	Palladium-Catalyzed Coupling Reactions of 1-Bromoadamantane with Styrenes and Arenes. <i>Synthesis</i> , 1998, 1998, 148-152.	2.3	68
103	<i>ortho</i> -Perfluoroalkylation and Ethoxycarbonyldifluoromethylation of Aromatic Triazenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7938-7948.	3.2	68
104	Highly active carbon supported palladium-rhodium PdXRh/C catalysts for methanol electrooxidation in alkaline media and their performance in anion exchange direct methanol fuel cells (AEM-DMFCs). <i>Electrochimica Acta</i> , 2015, 176, 1191-1201.	5.2	68
105	Solid-phase synthesis of substituted cinnolines by a Richter type cleavage protocol. <i>Tetrahedron Letters</i> , 1999, 40, 6201-6203.	1.4	66
106	Branched DNA That Forms a Solid at 95°C. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3227-3231.	13.8	66
107	Labile or Stable: Can Homoleptic and Heteroleptic PyRPHOS-Copper Complexes Be Processed from Solution?. <i>Inorganic Chemistry</i> , 2014, 53, 7837-7847.	4.0	66
108	The Proline-Catalyzed Asymmetric Amination of Branched Aldehydes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 266-282.	2.4	64

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109	Functionalization of hexakis methanofullerene malonate crown-ethers: promising octahedral building blocks for molecular networks. <i>Chemical Communications</i> , 2009, , 1748.	4.1	64
110	Electrophilic Cyclization of Aryldiacetylenes in the Synthesis of Functionalized Eneidyne Fused to a Heterocyclic Core. <i>Journal of Organic Chemistry</i> , 2014, 79, 9018-9045.	3.2	64
111	cis-to-trans isomerization of azobenzene investigated by using thin films of metal-organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22721-22725.	2.8	64
112	Base-Catalyzed Condensation of 2-Hydroxybenzaldehydes with $\alpha,\beta$ -Unsaturated Aldehydes - Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 555-562.	4.3	63
113	Genetic code expansion for multiprotein complex engineering. <i>Nature Methods</i> , 2016, 13, 997-1000.	19.0	63
114	Asymmetric Conjugate Addition of Organozinc Compounds to $\alpha,\beta$ -Unsaturated Aldehydes and Ketones with [2.2]Paracyclophaneketimine Ligands without Added Copper Salts. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7879-7881.	13.8	61
115	Highlights in Steroid Chemistry: Total Synthesis versus Semisynthesis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9389-9391.	13.8	61
116	Triplet emitters versus TADF emitters in OLEDs: A comparative study. <i>Polyhedron</i> , 2018, 140, 51-66.	2.2	61
117	Bartoli Indole Synthesis on Solid Supports. <i>Organic Letters</i> , 2003, 5, 2829-2832.	4.6	60
118	Recent progress in the applications of silica-based nanoparticles. <i>RSC Advances</i> , 2022, 12, 13706-13726.	3.6	60
119	Two Base Pair Duplexes Suffice to Build a Novel Material. <i>ChemBioChem</i> , 2009, 10, 1335-1339.	2.6	59
120	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 3844-3846.	2.0	58
121	Highly Luminescent, Water-Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. <i>Chemistry - A European Journal</i> , 2015, 21, 17921-17932.	3.3	58
122	The aza-xylylene Diels-Alder approach for the synthesis of naturally occurring 2-alkyl tetrahydroquinolines. <i>Tetrahedron</i> , 2003, 59, 6785-6796.	1.9	57
123	Solid-Phase Synthesis, Bioconjugation, and Toxicology of Novel Cationic Oligopeptoids for Cellular Drug Delivery. <i>Bioconjugate Chemistry</i> , 2007, 18, 342-354.	3.6	57
124	Non-ATP competitive glycogen synthase kinase 3 $\beta$ (GSK-3 $\beta$ ) inhibitors: Study of structural requirements for thiadiazolidinone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 495-510.	3.0	57
125	Auto-catalysed crosslinking for next-generation OLED-design. <i>Journal of Materials Chemistry</i> , 2012, 22, 20786.	6.7	56
126	Ungewöhnliche intra- und intermolekulare palladiumkatalysierte Kupplungsreaktionen mit tetrasubstituierten Alkenen vom Methylencyclopropan-Typ. <i>Angewandte Chemie</i> , 1995, 107, 2741-2743.	2.0	55



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127	A Novel Solid-Phase Synthesis of Highly Diverse Guanidines: Reactions of Primary Amines Attached to the T2* Linker. <i>Organic Letters</i> , 2000, 2, 3563-3565.	4.6	55
128	Planar and central chiral [2.2]paracyclophane-based N,O-ligands as highly active catalysts in the diethylzinc addition to aldehydes Electronic supplementary information (ESI) available: synthesis, NMR data, optical rotation and chiral analysis. See <a href="http://www.rsc.org/suppdata/cc/b1/b108347c/">http://www.rsc.org/suppdata/cc/b1/b108347c/</a> . <i>Chemical Communications</i> , 2002, 26-27.	4.1	55
129	A New Highly Efficient Three-Component Domino Heck-Diels-Alder Reaction with Bicyclopropylidene: Rapid Access to Spiro[2.5]oct-4-ene Derivatives Part 77 in the series "Cyclopropyl Building Blocks in Organic Synthesis". For Part 76 see: S. Wiedemann, I. Marek, A. de Meijere, <i>Synlett</i> 2002, submitted. Part 75: M. W. Nätzel, K. Rauch, T. Labahn, A. de Meijere, <i>Org. Lett.</i> 2002, 4, 839-841. <i>Chemistry - A European Journal</i> , 2002, 8, 2350.	3.3	55
130	Peptoid nanotubes: an oligomer macrocycle that reversibly sequesters water via single-crystal-to-single-crystal transformations. <i>Chemical Communications</i> , 2013, 49, 2317.	4.1	55
131	Intramolecular Heck Couplings and Cycloisomerizations of Bromodienes and Enynes with 1,1-Disubstituted Methylene-cyclopropane Terminators: Efficient Syntheses of [3]Dendralenes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4167-4178.	2.4	54
132	A Unified Strategy for the Asymmetric Total Syntheses of Diversonol and Lachnone...C. <i>Chemistry - A European Journal</i> , 2011, 17, 13706-13711.	3.3	54
133	How the Quantum Efficiency of a Highly Emissive Binuclear Copper Complex Is Enhanced by Changing the Processing Solvent. <i>Langmuir</i> , 2013, 29, 3034-3044.	3.5	54
134	Metal-Organic and Organic TADF-Materials: Status, Challenges and Characterization. <i>Topics in Current Chemistry</i> , 2016, 374, 22.	5.8	54
135	Series of Photoswitchable Azobenzene-Containing Metal-Organic Frameworks with Variable Adsorption Switching Effect. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19044-19050.	3.1	54
136	Synthesis and pharmacological evaluation of coumarin derivatives as cannabinoid receptor antagonists and inverse agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2842-2851.	3.0	53
137	Click chemistry produces hyper-cross-linked polymers with tetrahedral cores. <i>New Journal of Chemistry</i> , 2011, 35, 1577.	2.8	53
138	Anti-neuroinflammatory effects of GPR55 antagonists in LPS-activated primary microglial cells. <i>Journal of Neuroinflammation</i> , 2018, 15, 322.	7.2	53
139	Hydro-dediazotiation of diazonium salts using trichlorosilane: new cleavage conditions for the T1 traceless linker. <i>Tetrahedron Letters</i> , 2000, 41, 3813-3816.	1.4	52
140	Planar-chiral building blocks for metal-organic frameworks. <i>Chemical Communications</i> , 2015, 51, 4796-4798.	4.1	52
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