Stefan BrÃ¤se

List of Publications by Year in descending order

790 papers	29,928 citations	6233 80 h-index	9839 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. Angewandte Chemie - International Edition, 2005, 44, 5188-5240.	7.2	1,894
2	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. Angewandte Chemie - International Edition, 1999, 38, 2096-2152.	7.2	664
3	A Brief History of OLEDsâ€"Emitter Development and Industry Milestones. Advanced Materials, 2021, 33, e2005630.	11.1	551
4	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. Chemistry of Materials, 2010, 22, 5964-5972.	3.2	512
5	Chemistry and Biology of Mycotoxins and Related Fungal Metabolites. Chemical Reviews, 2009, 109, 3903-3990.	23.0	511
6	The oxa-Michael reaction: from recent developments to applications in natural product synthesis. Chemical Society Reviews, 2008, 37, 1218.	18.7	409
7	Recent developments in the field of oxa-Michael reactions. Chemical Society Reviews, 2012, 41, 988-999.	18.7	385
8	Recent approaches towards the asymmetric synthesis of Î±,Î±-disubstituted Î±-amino acids. Organic and Biomolecular Chemistry, 2007, 5, 406-430.	1.5	364
9	Xanthones from Fungi, Lichens, and Bacteria: The Natural Products and Their Synthesis. Chemical Reviews, 2012, 112, 3717-3776.	23.0	341
10	Synthesis, Structure, and Characterization of Dinuclear Copper(I) Halide Complexes with P^N Ligands Featuring Exciting Photoluminescence Properties. Inorganic Chemistry, 2013, 52, 2292-2305.	1.9	311
11	The Virtue of Palladium-Catalyzed Domino Reactions â˜' Diverse Oligocyclizations of Acyclic 2-Bromoenynes and 2-Bromoenediynes. Accounts of Chemical Research, 2005, 38, 413-422.	7.6	293
12	Metal complexes as a promising source for new antibiotics. Chemical Science, 2020, 11, 2627-2639.	3.7	290
13	Secretome protein enrichment identifies physiological BACE1 protease substrates in neurons. EMBO Journal, 2012, 31, 3157-3168.	3.5	279
14	Sustainable metal complexes for organic light-emitting diodes (OLEDs). Coordination Chemistry Reviews, 2018, 373, 49-82.	9.5	273
15	Bioconjugation via azideâ€"Staudinger ligation: an overview. Chemical Society Reviews, 2011, 40, 4840.	18.7	271
16	The recent impact of solid-phase synthesis on medicinally relevant benzoannelated nitrogen heterocycles. Bioorganic and Medicinal Chemistry, 2002, 10, 2415-2437.	1.4	268
17	Bright Coppertunities: Multinuclear Cu^I Complexes with Nâ€"P Ligands and Their Applications. Chemistry - A European Journal, 2014, 20, 6578-6590.	1.7	229
18	Heteroleptic, Dinuclear Copper(I) Complexes for Application in Organic Light-Emitting Diodes. Chemistry of Materials, 2013, 25, 4471-4486.	3.2	220

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19	Tunable molecular separation by nanoporous membranes. Nature Communications, 2016, 7, 13872.	5.8	208
20	Chemical Synthesis of Glycosaminoglycans. Chemical Reviews, 2016, 116, 8193-8255.	23.0	198
21	Orthoâ€Trifluoromethylation of Functionalized Aromatic Triazenes. Angewandte Chemie - International Edition, 2012, 51, 3713-3715.	7.2	197
22	Asymmetric, Catalytic Phenyl Transfer to Imines: Highly Enantioselective Synthesis of Diarylmethylamines. Angewandte Chemie - International Edition, 2002, 41, 3692-3694.	7.2	184
23	A novel series of isoreticular metal organic frameworks: realizing metastable structures by liquid phase epitaxy. Scientific Reports, 2012, 2, 921.	1.6	183
24	Enantioselective Intramolecular Friedelâ^'Crafts-Type Î±-Arylation of Aldehydes. Journal of the American Chemical Society, 2009, 131, 2086-2087.	6.6	181
25	From iridium and platinum to copper and carbon: new avenues for more sustainability in organic light-emitting diodes. Green Chemistry, 2015, 17, 1988-2011.	4.6	168
26	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. Organometallics, 2004, 23, 2234-2237.	1.1	165
27	Propellanesâ€"From a Chemical Curiosity to â€œExplosiveâ€•Materials and Natural Products. Angewandte Chemie - International Edition, 2017, 56, 5684-5718.	7.2	165
28	Total Synthesis of Vancomycinâ€"Part 1: Design and Development of Methodology. Chemistry - A European Journal, 1999, 5, 2584-2601.	1.7	164
29	Palladium-catalysed reactions in solid phase organic synthesis. Tetrahedron, 2003, 59, 885-939.	1.0	162
30	Photoswitching in Two-Component Surface-Mounted Metalâ€"Organic Frameworks: Optically Triggered Release from a Molecular Container. ACS Nano, 2014, 8, 1463-1467.	7.3	158
31	Coumarins. Natural Product Reports, 1997, 14, 465.	5.2	157
32	Palladium in action: domino coupling and allylic substitution reactions for the efficient construction of complex organic molecules. Journal of Organometallic Chemistry, 1999, 576, 88-110.	0.8	157
33	Planar chiral [2.2]paracyclophanes: from synthetic curiosity to applications in asymmetric synthesis and materials. Chemical Society Reviews, 2018, 47, 6947-6963.	18.7	156
34	Outstanding luminescence from neutral copper(i) complexes with pyridyl-tetrazolate and phosphine ligands. Chemical Communications, 2013, 49, 6501.	2.2	155
35	Xanthone dimers: a compound family which is both common and privileged. Natural Product Reports, 2015, 32, 6-28.	5.2	155
36	The Staudinger Ligation. Chemical Reviews, 2020, 120, 4301-4354.	23.0	153

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37	The Asymmetric Dialkylzinc Addition to Imines Catalyzed by [2.2]Paracyclophane-BasedN,O-Ligands. Journal of the American Chemical Society, 2002, 124, 5940-5941.	6.6	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. Chemistry of Materials, 2013, 25, 3414-3426.	3.2	147
39	Cellular Uptake of Platinum Nanoparticles in Human Colon Carcinoma Cells and Their Impact on Cellular Redox Systems and DNA Integrity. Chemical Research in Toxicology, 2009, 22, 649-659.	1.7	146
40	Bridging the Efficiency Gap: Fully Bridged Dinuclear Cu(I)â€Complexes for Singlet Harvesting in Highâ€Efficiency OLEDs. Advanced Materials, 2015, 27, 2538-2543.	11.1	140
41	New Synthetic Technology for the Synthesis of Aryl Ethers:â€‰ Construction of C-O-D and D-O-E Ring Model Systems of Vancomycin. Journal of the American Chemical Society, 1997, 119, 3421-3422.	6.6	139
42	The Virtue of the Multifunctional Triazene Linkers in the Efficient Solid-Phase Synthesis of Heterocycle Libraries. Accounts of Chemical Research, 2004, 37, 805-816.	7.6	138
43	A Short, Atom-Economical Entry to Tetrahydroxanthenones. Angewandte Chemie - International Edition, 2004, 43, 115-118.	7.2	137
44	Antibacterial Activity of Sulfamethoxazole Transformation Products (TPs): General Relevance for Sulfonamide TPs Modified at the para Position. Chemical Research in Toxicology, 2014, 27, 1821-1828.	1.7	137
45	Turn on of sky-blue thermally activated delayed fluorescence and circularly polarized luminescence (CPL) via increased torsion by a bulky carbazolophane donor. Chemical Science, 2019, 10, 6689-6696.	3.7	135
46	Proline-catalysed asymmetric amination of Î±,Î±-disubstituted aldehydes: synthesis of configurationally stable enantioenriched Î±-aminoaldehydes. Chemical Communications, 2003, , 2448-2449.	2.2	134
47	Direct observation of intersystem crossing in a thermally activated delayed fluorescence copper complex in the solid state. Science Advances, 2016, 2, e1500889.	4.7	133
48	Solid-Phase Synthesis of Biologically Active Benzoannelated Nitrogen Heterocycles: An Update. ACS Combinatorial Science, 2009, 11, 175-197.	3.3	131
49	Platinum nanoparticles and their cellular uptake and DNA platination at non-cytotoxic concentrations. Archives of Toxicology, 2011, 85, 799-812.	1.9	125
50	Synthesis of highly functionalized C₆₀ fullerene derivatives and their applications in material and life sciences. Organic and Biomolecular Chemistry, 2015, 13, 25-54.	1.5	125
51	Total Synthesis of Vancomycinâ€”Part 2: Retrosynthetic Analysis, Synthesis of Amino Acid Building Blocks and Strategy Evaluations. Chemistry - A European Journal, 1999, 5, 2602-2621.	1.7	124
52	Systematic substrate identification indicates a central role for the metalloprotease ADAM10 in axon targeting and synapse function. ELife, 2016, 5, .	2.8	124
53	Photoconductivity in Metalâ€“Organic Framework (MOF) Thin Films. Angewandte Chemie - International Edition, 2019, 58, 9590-9595.	7.2	118
54	Preparation of Freestanding Conjugated Microporous Polymer Nanomembranes for Gas Separation. Chemistry of Materials, 2014, 26, 7189-7193.	3.2	117

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55	Fabrication of Highly Uniform Gel Coatings by the Conversion of Surface-Anchored Metalâ€“Organic Frameworks. Journal of the American Chemical Society, 2014, 136, 8-11.	6.6	116
56	Regioselective Functionalization of [2.2]Paracyclophanes: Recent Synthetic Progress and Perspectives. Angewandte Chemie - International Edition, 2020, 59, 2156-2170.	7.2	116
57	Vinyl and Alkynyl Azides: Wellâ€Known Intermediates in the Focus of Modern Synthetic Methods. Angewandte Chemie - International Edition, 2012, 51, 12169-12171.	7.2	114
58	Peptoidic Amino- and Guanidinium-Carrier Systems: Targeted Drug Delivery into the Cell Cytosol or the Nucleus. Journal of Medicinal Chemistry, 2008, 51, 376-379.	2.9	113
59	Metalâ€“Organic Framework-Templated Biomaterials: Recent Progress in Synthesis, Functionalization, and Applications. Accounts of Chemical Research, 2019, 52, 1598-1610.	7.6	112
60	Recent Advances in Asymmetric Cï£¿C and C-Heteroatom Bond Forming Reactions using Polymer-Bound Catalysts. Advanced Synthesis and Catalysis, 2003, 345, 869-929.	2.1	110
61	A New Protocol for the One-Pot Synthesis of Symmetrical Biaryls. Journal of Organic Chemistry, 2004, 69, 6830-6833.	1.7	110
62	Luminescent Cell-Penetrating Pentadecanuclear Lanthanide Clusters. Journal of the American Chemical Society, 2013, 135, 7454-7457.	6.6	110
63	Unprecedented Intra- and Intermolecular Palladium-Catalyzed Coupling Reactions with Methylenecyclopropane-Type Tetrasubstituted Alkenes. Angewandte Chemie International Edition in English, 1995, 34, 2545-2547.	4.4	107
64	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. Chemical Communications, 2018, 54, 9278-9281.	2.2	106
65	The Recent Impact of Solid-Phase Synthesis on Medicinally Relevant Benzoannelated Oxygen Heterocycles. ACS Combinatorial Science, 2005, 7, 147-169.	3.3	103
66	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. Angewandte Chemie - International Edition, 2019, 58, 18830-18834.	7.2	103
67	Copper(I) Complexes Based on Five-Membered P^{â^§}N Heterocycles: Structural Diversity Linked to Exciting Luminescence Properties. Inorganic Chemistry, 2013, 52, 13509-13520.	1.9	101
68	Formation of genotoxic quinones during bisphenol A degradation by TiO2 photocatalysis and UV photolysis: A comparative study. Applied Catalysis B: Environmental, 2014, 160-161, 106-114.	10.8	100
69	Biocatalytic production of tetrahydroisoquinolines. Tetrahedron Letters, 2012, 53, 1071-1074.	0.7	95
70	Efficient Cleavageâ€“Cross-Coupling Strategy for Solid-Phase Synthesisâ€”A Modular Building System for Combinatorial Chemistry. Angewandte Chemie - International Edition, 1999, 38, 1071-1073.	7.2	92
71	A Surprising Solid-Phase Effect: Development of a Recyclable â€œTracelessâ€•Linker System for Reactions on Solid Support. Angewandte Chemie - International Edition, 1998, 37, 3413-3415.	7.2	91
72	Photoswitching in nanoporous, crystalline solids: an experimental and theoretical study for azobenzene linkers incorporated in MOFs. Physical Chemistry Chemical Physics, 2015, 17, 14582-14587.	1.3	91

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73	Traceless Linkers-Only Disappearing Links in Solid-Phase Organic Synthesis?. Chemistry - A European Journal, 2000, 6, 1899-1905.	1.7	90
74	Click Chemistry Finds Its Way into Covalent Porous Organic Materials. Angewandte Chemie - International Edition, 2011, 50, 11844-11845.	7.2	87
75	Triazenes as robust and simple linkers for amines in solid-phase organic synthesis. Tetrahedron Letters, 1999, 40, 2105-2108.	0.7	86
76	Solid-phase synthesis of isoindolinones and naturally-occurring benzobutyrolactones (phthalides) using a cyclative-cleavage approach. Tetrahedron, 2004, 60, 8591-8603.	1.0	86
77	New Efficient Multicomponent Reactions with Câ^'C Coupling for Combinatorial Application in Liquid and on Solid Phase. Angewandte Chemie - International Edition, 1999, 38, 3669-3672.	7.2	85
78	Proton-conduction photomodulation in spiropyran-functionalized MOFs with large onâ€“off ratio. Chemical Science, 2020, 11, 1404-1410.	3.7	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.	7.2	84
80	Planar and Central Chiral [2.2]Paracyclophanes as Powerful Catalysts for Asymmetric 1,2-Addition Reactions. Synlett, 2004, 2004, 2647-2669.	1.0	82
81	[2,2]Paracyclophane-BasedN,O-Ligands in Alkenylzinc Additions to Aldehydes. Organic Letters, 2001, 3, 4119-4122.	2.4	79
82	Efficient Trifluoromethylation of Activated and Nonâ€Activated Alkenyl Halides by Using (Trifluoromethyl)trimethylsilane. Advanced Synthesis and Catalysis, 2011, 353, 3044-3048.	2.1	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 H2S reactive adsorption process for the purification of biogas prior to its use as a bioenergy vector. Biomass and Bioenergy, 2005, 29, 142-151.	2.9	78
85	Continuously tunable solution-processed organic semiconductor DFB lasers pumped by laser diode. Optics Express, 2012, 20, 6357.	1.7	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.	1.2	77
87	The Total Synthesis of the Fungal Metabolite Diversonol. Angewandte Chemie - International Edition, 2006, 45, 307-309.	7.2	77
88	New Catalysts for the Transitionâ€Metalâ€Catalyzed Synthesis of Aziridines. Angewandte Chemie - International Edition, 2012, 51, 5538-5540.	7.2	75
89	Post-Synthetic Modification of Metalâ€“Organic Framework Thin Films Using Click Chemistry: The Importance of Strained Câ€“C Triple Bonds. Langmuir, 2013, 29, 15958-15964.	1.6	75
90	Photoswitchable Adsorption in Metalâ€“Organic Frameworks Based on Polar Guestâ€“Host Interactions. ChemPhysChem, 2015, 16, 3779-3783.	1.0	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*. Molecular and Cellular Proteomics, 2015, 14, 1584-1598.	2.5	74
92	Enantioselective adsorption in homochiral metalâ€“organic frameworks: the pore size influence. Chemical Communications, 2015, 51, 8998-9001.	2.2	74
93	High Antimicrobial Activity of Metalâ€“Organic Framework-Templated Porphyrin Polymer Thin Films. ACS Applied Materials & Interfaces, 2018, 10, 1528-1533.	4.0	74
94	Four-fold click reactions: Generation of tetrahedral methane- and adamantane-based building blocks for higher-order molecular assemblies. Organic and Biomolecular Chemistry, 2009, 7, 4734.	1.5	73
95	Photolysis of four Î²â€lactam antibiotics under simulated environmental conditions: Degradation, transformation products and antibacterial activity. Science of the Total Environment, 2019, 651, 1605-1612.	3.9	73
96	Versatile synthesis of bicyclo[4.3.0]nonenes and bicyclo[4.4.0]decenes by a domino Heck-Diels-Alder reaction. Tetrahedron, 1996, 52, 11503-11528.	1.0	72
97	Tetrahedral organic molecules as components in supramolecular architectures and in covalent assemblies, networks and polymers. RSC Advances, 2014, 4, 6886.	1.7	72
98	Synthesis of Phenanthridine Derivatives via Photolysis. Journal of Organic Chemistry, 2011, 76, 9127-9132.	1.7	71
99	Experimental and Theoretical Study of Novel Luminescent Di-, Tri-, and Tetranuclear Copper Triazole Complexes. Organometallics, 2011, 30, 3275-3283.	1.1	70
100	Azides â€“ Diazonium Ions â€“ Triazenes: Versatile Nitrogen-rich Functional Groups. Australian Journal of Chemistry, 2014, 67, 328.	0.5	70
101	Chelating Carboxylic Acid Amides as Robust Relay Protecting Groups of Carboxylic Acids and their Cleavage under Mild Conditions. Angewandte Chemie - International Edition, 2011, 50, 6175-6177.	7.2	69
102	Palladium-Catalyzed Coupling Reactions of 1-Bromoadamantane with Styrenes and Arenes. Synthesis, 1998, 1998, 148-152.	1.2	68
103	ortho-Perfluoroalkylation and Ethoxycarbonyldifluoromethylation of Aromatic Triazenes. Journal of Organic Chemistry, 2013, 78, 7938-7948.	1.7	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). Electrochimica Acta, 2015, 176, 1191-1201.	2.6	68
105	Solid-phase synthesis of substituted cinnolines by a Richter type cleavage protocol. Tetrahedron Letters, 1999, 40, 6201-6203.	0.7	66
106	Branched DNA That Forms a Solid at 95â€‰Â°C. Angewandte Chemie - International Edition, 2011, 50, 3227-3231.	7.2	66
107	Labile or Stable: Can Homoleptic and Heteroleptic PyrPHOSâ€“Copper Complexes Be Processed from Solution?. Inorganic Chemistry, 2014, 53, 7837-7847.	1.9	66
108	The Proline-Catalyzed Asymmetric Amination of Branched Aldehydes. European Journal of Organic Chemistry, 2007, 2007, 266-282.	1.2	64

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109	Functionalization of hexakis methanofullerene malonate crown-ethers: promising octahedral building blocks for molecular networks. Chemical Communications, 2009, , 1748.	2.2	64
110	Electrophilic Cyclization of Aryldiacetylenes in the Synthesis of Functionalized Enediynes Fused to a Heterocyclic Core. Journal of Organic Chemistry, 2014, 79, 9018-9045.	1.7	64
111	cis-to-trans isomerization of azobenzene investigated by using thin films of metalâ€“organic frameworks. Physical Chemistry Chemical Physics, 2015, 17, 22721-22725.	1.3	64
112	Base-Catalyzed Condensation of 2-Hydroxybenzaldehydes with Î±,Î²-Unsaturated Aldehydes - Scope and Limitations. Advanced Synthesis and Catalysis, 2005, 347, 555-562.	2.1	63
113	Genetic code expansion for multiprotein complex engineering. Nature Methods, 2016, 13, 997-1000.	9.0	63
114	Asymmetric Conjugate Addition of Organozinc Compounds to Î±,Î²-Unsaturated Aldehydes and Ketones with [2.2]Paracyclophaneketimine Ligands without Added Copper Salts. Angewandte Chemie - International Edition, 2005, 44, 7879-7881.	7.2	61
115	Highlights in Steroid Chemistry: Total Synthesis versus Semisynthesis. Angewandte Chemie - International Edition, 2008, 47, 9389-9391.	7.2	61
116	Triplet emitters versus TADF emitters in OLEDs: A comparative study. Polyhedron, 2018, 140, 51-66.	1.0	61
117	Bartoli Indole Synthesis on Solid Supports. Organic Letters, 2003, 5, 2829-2832.	2.4	60
118	Recent progress in the applications of silica-based nanoparticles. RSC Advances, 2022, 12, 13706-13726.	1.7	60
119	Two Base Pair Duplexes Suffice to Build a Novel Material. ChemBioChem, 2009, 10, 1335-1339.	1.3	59
120	Title is missing!. Angewandte Chemie, 2002, 114, 3844-3846.	1.6	58
121	Highly Luminescent, Waterâ€Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. Chemistry - A European Journal, 2015, 21, 17921-17932.	1.7	58
122	The aza-xylylene Dielsâ€“Alder approach for the synthesis of naturally occurring 2-alkyl tetrahydroquinolines. Tetrahedron, 2003, 59, 6785-6796.	1.0	57
123	Solid-Phase Synthesis, Bioconjugation, and Toxicology of Novel Cationic Oligopeptoids for Cellular Drug Delivery. Bioconjugate Chemistry, 2007, 18, 342-354.	1.8	57
124	Non-ATP competitive glycogen synthase kinase 3Î² (GSK-3Î²) inhibitors: Study of structural requirements for thiadiazolidinone derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 495-510.	1.4	57
125	Auto-catalysed crosslinking for next-generation OLED-design. Journal of Materials Chemistry, 2012, 22, 20786.	6.7	56
126	UngewÃ¶hnliche intraâ€•und intermolekulare palladiumkatalysierte Kupplungsreaktionen mit tetrasubstituierten Alkenen vom Methylencyclopropanâ€Typ. Angewandte Chemie, 1995, 107, 2741-2743.	1.6	55

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127	A Novel Solid-Phase Synthesis of Highly Diverse Guanidines:â€‰ Reactions of Primary Amines Attached to the T2* Linker. Organic Letters, 2000, 2, 3563-3565.	2.4	55
128	Planar and central chiral [2.2]paracyclophane-based N,O-ligands as highly active catalysts in the diethylzinc addition to aldehydesElectronic supplementary information (ESI) available: synthesis, NMR data, optical rotation and chiral analysis. See http://www.rsc.org/suppdata/cc/b1/b108347c/. Chemical Communications, 2002, , 26-27.	2.2	55
129	A New Highly Efficient Three-Component Domino Heckâ€“Dielsâ€“Alder Reaction with Bicyclopropylidene: Rapid Access to Spiro[2.5]oct-4-ene Derivatives Part 77 in the series â€œCyclopropyl Building Blocks in Organic Synthesisâ€. For Part 76 see: S. Wiedemann, I. Marek, A. de Meijere, Synlett 2002, submitted. Part 75: M. W. NÃ¶tzel, K. Rauch, T. Labahn, A. de Meijere, Org. Lett. 2002, 4, 839â€“841.. Chemistry - A European Journal, 2002, 8, 2350.	1.7	55
130	Peptoid nanotubes: an oligomer macrocycle that reversibly sequesters water via single-crystal-to-single-crystal transformations. Chemical Communications, 2013, 49, 2317.	2.2	55
131	Intramolecular Heck Couplings and Cycloisomerizations of Bromodienes and Enynes with 1â€²,1â€²-Disubstituted Methylenecyclopropane Terminators: Efficient Syntheses of [3]Dendralenes. European Journal of Organic Chemistry, 2005, 2005, 4167-4178.	1.2	54
132	A Unified Strategy for the Asymmetric Total Syntheses of Diversonol and Lachnoneâ€…C. Chemistry - A European Journal, 2011, 17, 13706-13711.	1.7	54
133	How the Quantum Efficiency of a Highly Emissive Binuclear Copper Complex Is Enhanced by Changing the Processing Solvent. Langmuir, 2013, 29, 3034-3044.	1.6	54
134	Metalâ€“Organic and Organic TADF-Materials: Status, Challenges and Characterization. Topics in Current Chemistry, 2016, 374, 22.	3.0	54
135	Series of Photoswitchable Azobenzene-Containing Metalâ€“Organic Frameworks with Variable Adsorption Switching Effect. Journal of Physical Chemistry C, 2018, 122, 19044-19050.	1.5	54
136	Synthesis and pharmacological evaluation of coumarin derivatives as cannabinoid receptor antagonists and inverse agonists. Bioorganic and Medicinal Chemistry, 2009, 17, 2842-2851.	1.4	53
137	Click chemistry produces hyper-cross-linked polymers with tetrahedral cores. New Journal of Chemistry, 2011, 35, 1577.	1.4	53
138	Anti-neuroinflammatory effects of GPR55 antagonists in LPS-activated primary microglial cells. Journal of Neuroinflammation, 2018, 15, 322.	3.1	53
139	Hydro-dediazoniation of diazonium salts using trichlorosilane: new cleavage conditions for the T1 traceless linker. Tetrahedron Letters, 2000, 41, 3813-3816.	0.7	52
140	Planar-chiral building blocks for metalâ€“organic frameworks. Chemical Communications, 2015, 51, 4796-4798.	2.2	52
141	Thermal Effects in the Organocatalytic Asymmetric Î±â€Amination of Disubstituted Aldehydes with Azodicarboxylates: A Highâ€Temperature Organocatalysis. European Journal of Organic Chemistry, 2008, 2008, 2207-2212.	1.2	51
142	Lanthanide 9-anthracenate: solution processable emitters for efficient purely NIR emitting host-free OLEDs. Journal of Materials Chemistry C, 2016, 4, 9848-9855.	2.7	51
143	Antagonists for the Orphan G-Protein-Coupled Receptor GPR55 Based on a Coumarin Scaffold. Journal of Medicinal Chemistry, 2013, 56, 4798-4810.	2.9	50
144	Criegee Intermediates Beyond Ozonolysis: Synthetic and Mechanistic Insights. Angewandte Chemie - International Edition, 2021, 60, 15138-15152.	7.2	50

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145	High-flexibility combinatorial peptide synthesis with laser-based transfer of monomers in solid matrix material. Nature Communications, 2016, 7, 11844.	5.8	49
146	Alkyl and Aryl Thiol Addition to [1.1.1]Propellane: Scope and Limitations of a Fast Conjugation Reaction. Chemistry - A European Journal, 2018, 24, 1373-1382.	1.7	49
147	Traceless and multifunctional linkers for the generation of small molecules on solid supports. Current Opinion in Chemical Biology, 2004, 8, 230-237.	2.8	48
148	Efficient Solid-Phase Synthesis of Highly Functionalized 1,4-Benzodiazepin-5-one Derivatives and Related Compounds by Intramolecular Aza-Wittig Reactions. Chemistry - A European Journal, 2005, 11, 2680-2688.	1.7	48
149	Synthesis and post-synthetic modification of amine-, alkyne-, azide- and nitro-functionalized metalâ€“organic frameworks based on DUT-5. Dalton Transactions, 2015, 44, 16802-16809.	1.6	48
150	Towards Printed Organic Lightâ€Emitting Devices: A Solutionâ€Stable, Highly Soluble Cu^Iâ€“NHetPHOS. Chemistry - A European Journal, 2016, 22, 16400-16405.	1.7	48
151	Chemotion ELN: an Open Source electronic lab notebook for chemists in academia. Journal of Cheminformatics, 2017, 9, 54.	2.8	48
152	O ensino superior brasileiro nos anos 90. Sao Paulo Em Perspectiva, 2000, 14, 41-60.	0.1	47
153	Novel chiral tridentate Schiff base ligands of the [2.2]paracyclophane series: synthesis and application. Tetrahedron: Asymmetry, 2003, 14, 2013-2019.	1.8	47
154	Well-defined star shaped polymer-fullerene hybrids via click chemistry. Soft Matter, 2010, 6, 82-84.	1.2	47
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