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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

788 papers	24,141 citations	74 h-index	127 g-index
1,046 ext. papers	26,970 ext. citations	5.8 avg, IF	7.39 L-index

#	Paper	IF	Citations
788	Organic azides: an exploding diversity of a unique class of compounds. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5188-240	16.4	1648
787	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2096-2152	16.4	571
786	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. <i>Chemistry of Materials</i> , 2010 , 22, 5964-5972	9.6	466
785	Chemistry and biology of mycotoxins and related fungal metabolites. <i>Chemical Reviews</i> , 2009 , 109, 3903-4001	58.5	414
784	The oxa-Michael reaction: from recent developments to applications in natural product synthesis. <i>Chemical Society Reviews</i> , 2008 , 37, 1218-28	58.5	365
783	Organische Azide [Explodierende Vielfalt bei einer einzigartigen Substanzklasse]. <i>Angewandte Chemie</i> , 2005 , 117, 5320-5374	3.6	342
782	Recent approaches towards the asymmetric synthesis of alpha,alpha-disubstituted alpha-amino acids. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 406-30	3.9	331
781	Recent developments in the field of oxa-Michael reactions. <i>Chemical Society Reviews</i> , 2012 , 41, 988-99	58.5	329
780	Xanthones from fungi, lichens, and bacteria: the natural products and their synthesis. <i>Chemical Reviews</i> , 2012 , 112, 3717-76	68.1	289
779	Synthesis, structure, and characterization of dinuclear copper(I) halide complexes with P^N ligands featuring exciting photoluminescence properties. <i>Inorganic Chemistry</i> , 2013 , 52, 2292-305	5.1	282
778	The virtue of palladium-catalyzed domino reactions - diverse oligocyclizations of acyclic 2-bromoynes and 2-bromoenediynes. <i>Accounts of Chemical Research</i> , 2005 , 38, 413-22	24.3	277
777	The recent impact of solid-phase synthesis on medically relevant benzoannelated nitrogen heterocycles. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 2415-37	3.4	250
776	Secretome protein enrichment identifies physiological BACE1 protease substrates in neurons. <i>EMBO Journal</i> , 2012 , 31, 3157-68	13	236
775	Bioconjugation via azide-Staudinger ligation: an overview. <i>Chemical Society Reviews</i> , 2011 , 40, 4840-71	58.5	232
774	Bright opportunities: multinuclear Cu(I) complexes with N-P ligands and their applications. <i>Chemistry - A European Journal</i> , 2014 , 20, 6578-90	4.8	197
773	Heteroleptic, Dinuclear Copper(I) Complexes for Application in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013 , 25, 4471-4486	9.6	191
772	Sustainable metal complexes for organic light-emitting diodes (OLEDs). <i>Coordination Chemistry Reviews</i> , 2018 , 373, 49-82	23.2	190

771	Ortho-trifluoromethylation of functionalized aromatic triazenes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3713-5	16.4	178
770	Enantioselective intramolecular Friedel-Crafts-type alpha-arylation of aldehydes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2086-7	16.4	163
769	Asymmetric, catalytic phenyl transfer to imines: highly enantioselective synthesis of diarylmethylamines. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3692-4; 3522	16.4	162
768	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. <i>Organometallics</i> , 2004 , 23, 2234-2237	3.8	156
767	Tunable molecular separation by nanoporous membranes. <i>Nature Communications</i> , 2016 , 7, 13872	17.4	156
766	A novel series of isorecticular metal organic frameworks: realizing metastable structures by liquid phase epitaxy. <i>Scientific Reports</i> , 2012 , 2, 921	4.9	153
765	Chemie, Biologie und medizinische Anwendungen der Glycopeptid-Antibiotika. <i>Angewandte Chemie</i> , 1999 , 111, 2230-2287	3.6	148
764	Total Synthesis of Vancomycin Part 1: Design and Development of Methodology. <i>Chemistry - A European Journal</i> , 1999 , 5, 2584-2601	4.8	148
763	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	2.3	142
762	Photoswitching in two-component surface-mounted metal-organic frameworks: optically triggered release from a molecular container. <i>ACS Nano</i> , 2014 , 8, 1463-7	16.7	140
761	Coumarins. <i>Natural Product Reports</i> , 1997 , 14, 465-75	15.1	140
760	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020 , 11, 2627-2639	9.4	136
759	Outstanding luminescence from neutral copper(I) complexes with pyridyl-tetrazolate and phosphine ligands. <i>Chemical Communications</i> , 2013 , 49, 6501-3	5.8	135
758	Palladium-catalysed reactions in solid phase organic synthesis. <i>Tetrahedron</i> , 2003 , 59, 885-939	2.4	134
757	Chemical Synthesis of Glycosaminoglycans. <i>Chemical Reviews</i> , 2016 , 116, 8193-255	68.1	131
756	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	10	131
755	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, 5940-1	16.4	129
754	A short, atom-economical entry to tetrahydroxanthones. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 115-8	16.4	127

753	The virtue of the multifunctional triazene linkers in the efficient solid-phase synthesis of heterocycle libraries. <i>Accounts of Chemical Research</i> , 2004 , 37, 805-16	24.3	127
752	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	9.6	126
751	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	16.4	126
750	Xanthone dimers: a compound family which is both common and privileged. <i>Natural Product Reports</i> , 2015 , 32, 6-28	15.1	125
749	Solid-phase synthesis of biologically active benzoannelated nitrogen heterocycles: an update. <i>ACS Combinatorial Science</i> , 2009 , 11, 175-97		125
748	A Brief History of OLEDs-Emitter Development and Industry Milestones. <i>Advanced Materials</i> , 2021 , 33, e2005630	24	125
747	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, 649-59	4	122
746	Proline-catalysed asymmetric amination of alpha,alpha-disubstituted aldehydes: synthesis of configurationally stable enantioenriched alpha-aminoaldehydes. <i>Chemical Communications</i> , 2003 , 2448-9	5.8	122
745	Propellanes-From a Chemical Curiosity to "Explosive" Materials and Natural Products. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5684-5718	16.4	120
744	Bridging the efficiency gap: fully bridged dinuclear Cu(I)-complexes for singlet harvesting in high-efficiency OLEDs. <i>Advanced Materials</i> , 2015 , 27, 2538-43	24	118
743	Direct observation of intersystem crossing in a thermally activated delayed fluorescence copper complex in the solid state. <i>Science Advances</i> , 2016 , 2, e1500889	14.3	110
742	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, 1821-8	4	107
741	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	4.8	107
740	Synthesis of highly functionalized C60 fullerene derivatives and their applications in material and life sciences. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 25-54	3.9	104
739	Preparation of Freestanding Conjugated Microporous Polymer Nanomembranes for Gas Separation. <i>Chemistry of Materials</i> , 2014 , 26, 7189-7193	9.6	104
738	Platinum nanoparticles and their cellular uptake and DNA platination at non-cytotoxic concentrations. <i>Archives of Toxicology</i> , 2011 , 85, 799-812	5.8	104
737	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	16.4	102
736	The recent impact of solid-phase synthesis on medicinally relevant benzoannelated oxygen heterocycles. <i>ACS Combinatorial Science</i> , 2005 , 7, 147-69		102

735	A new protocol for the one-pot synthesis of symmetrical biaryls. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6830-3	4.2	99
734	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	5.6	99
733	Peptoidic amino- and guanidinium-carrier systems: targeted drug delivery into the cell cytosol or the nucleus. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 376-9	8.3	97
732	Vinyl and alkynyl azides: well-known intermediates in the focus of modern synthetic methods. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12169-71	16.4	96
731	Unprecedented Intra- and Intermolecular Palladium-Catalyzed Coupling Reactions with Methylenecyclopropane-Type Tetrasubstituted Alkenes. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 2545-2547		95
730	Copper(I) complexes based on five-membered P^N heterocycles: structural diversity linked to exciting luminescence properties. <i>Inorganic Chemistry</i> , 2013 , 52, 13509-20	5.1	94
729	Systematic substrate identification indicates a central role for the metalloprotease ADAM10 in axon targeting and synapse function. <i>ELife</i> , 2016 , 5,	8.9	91
728	Luminescent cell-penetrating pentadecanuclear lanthanide clusters. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7454-7	16.4	90
727	Planar chiral [2.2]paracyclophanes: from synthetic curiosity to applications in asymmetric synthesis and materials. <i>Chemical Society Reviews</i> , 2018 , 47, 6947-6963	58.5	84
726	Biocatalytic production of tetrahydroisoquinolines. <i>Tetrahedron Letters</i> , 2012 , 53, 1071-1074	2	83
725	Turn on of sky-blue thermally activated delayed fluorescence and circularly polarized luminescence (CPL) increased torsion by a bulky carbazolophane donor. <i>Chemical Science</i> , 2019 , 10, 6689-6696	9.4	80
724	Formation of genotoxic quinones during bisphenol A degradation by TiO2 photocatalysis and UV photolysis: A comparative study. <i>Applied Catalysis B: Environmental</i> , 2014 , 160-161, 106-114	21.8	80
723	Triazenes as robust and simple linkers for amines in solid-phase organic synthesis. <i>Tetrahedron Letters</i> , 1999 , 40, 2105-2108	2	80
722	Efficient cleavage-cross-coupling strategy for solid-phase synthesis-a modular building system for combinatorial chemistry. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1071-3	16.4	79
721	Click chemistry finds its way into covalent porous organic materials. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11844-5	16.4	78
720	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	16.4	77
719	Solid-phase synthesis of isoindolinones and naturally-occurring benzobutyrolactones (phthalides) using a cyclative-cleavage approach. <i>Tetrahedron</i> , 2004 , 60, 8591-8603	2.4	77
718	Traceless linkers--only disappearing links in solid-phase organic synthesis?. <i>Chemistry - A European Journal</i> , 2000 , 6, 1899-905	4.8	77

7 ¹⁷	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. <i>Chemical Communications</i> , 2018 , 54, 9278-9281	5.8	76
7 ¹⁶	Photoswitching in nanoporous, crystalline solids: an experimental and theoretical study for azobenzene linkers incorporated in MOFs. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 14582-7	3.6	75
7 ¹⁵	Planar and Central Chiral [2.2]Paracyclophanes as Powerful Catalysts for Asymmetric 1,2-Addition Reactions. <i>Synlett</i> , 2004 , 2004, 2647-2669	2.2	75
7 ¹⁴	Synthesis of aryl fluorides on a solid support and in solution by utilizing a fluorinated solvent. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5986-8	16.4	74
7 ¹³	New Efficient Multicomponent Reactions with C-C Coupling for Combinatorial Application in Liquid and on Solid Phase. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3669-3672	16.4	74
7 ¹²	The total synthesis of the fungal metabolite diversinol. <i>Angewandte Chemie - International Edition</i> , 2005 , 45, 307-9	16.4	73
7 ¹¹	Solid-phase synthesis of urea and amide libraries using the T2 triazene linker. <i>ACS Combinatorial Science</i> , 2000 , 2, 710-5		71
7 ¹⁰	Metal-Organic Framework-Templated Biomaterials: Recent Progress in Synthesis, Functionalization, and Applications. <i>Accounts of Chemical Research</i> , 2019 , 52, 1598-1610	24.3	70
7 ⁰⁹	Post-synthetic modification of metal-organic framework thin films using click chemistry: the importance of strained C-C triple bonds. <i>Langmuir</i> , 2013 , 29, 15958-64	4	70
7 ⁰⁸	Ortho-Trifluormethylierung funktionalisierter aromatischer Triazene. <i>Angewandte Chemie</i> , 2012 , 124, 3773-3775	3.6	70
7 ⁰⁷	Continuously tunable solution-processed organic semiconductor DFB lasers pumped by laser diode. <i>Optics Express</i> , 2012 , 20, 6357-64	3.3	70
7 ⁰⁶	[2,2]paracyclophane-based N,O-ligands in alkenylzinc additions to aldehydes. <i>Organic Letters</i> , 2001 , 3, 4119-22	6.2	69
7 ⁰⁵	Photoconductivity in Metal-Organic Framework (MOF) Thin Films. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9590-9595	16.4	68
7 ⁰⁴	The Staudinger Ligation. <i>Chemical Reviews</i> , 2020 , 120, 4301-4354	68.1	67
7 ⁰³	New catalysts for the transition-metal-catalyzed synthesis of aziridines. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5538-40	16.4	67
7 ⁰²	Efficient Trifluoromethylation of Activated and Non-Activated Alkenyl Halides by Using (Trifluoromethyl)trimethylsilane. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 3044-3048	5.6	67
7 ⁰¹	Synthesis of phenanthridine derivatives via photolysis. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9127-32	4.2	65
7 ⁰⁰	Experimental and Theoretical Study of Novel Luminescent Di-, Tri-, and Tetranuclear Copper Triazole Complexes. <i>Organometallics</i> , 2011 , 30, 3275-3283	3.8	65

699	Azides Diazonium Ions Triazines: Versatile Nitrogen-rich Functional Groups. <i>Australian Journal of Chemistry</i> , 2014 , 67, 328	1.2	63
698	Branched DNA that forms a solid at 95 °C. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3227-31	16.4	63
697	A H ₂ S reactive adsorption process for the purification of biogas prior to its use as a bioenergy vector. <i>Biomass and Bioenergy</i> , 2005 , 29, 142-151	5.3	63
696	Palladium-Catalyzed Coupling Reactions of 1-Bromoadamantane with Styrenes and Arenes. <i>Synthesis</i> , 1998 , 1998, 148-152	2.9	63
695	Versatile Syntheses of Alkynyl- and Substituted Alkynylcyclopropanes: 2-Alkoxyethynylcyclopropanes for the Anellation of Bicyclo[3.3.0]octane Fragments. <i>Synthesis</i> , 1993 , 1993, 998-1012	2.9	63
694	Base-Catalyzed Condensation of 2-Hydroxybenzaldehydes with α,β -Unsaturated Aldehydes Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 555-562	5.6	62
693	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	2.4	62
692	Tetrahedral organic molecules as components in supramolecular architectures and in covalent assemblies, networks and polymers. <i>RSC Advances</i> , 2014 , 4, 6886	3.7	61
691	Cross-Coupling of Organyl Halides with Alkenes: the Heck Reaction		61
690	Enantioselective adsorption in homochiral metal-organic frameworks: the pore size influence. <i>Chemical Communications</i> , 2015 , 51, 8998-9001	5.8	59
689	Functionalization of hexakis methanofullerene malonate crown-ethers: promising octahedral building blocks for molecular networks. <i>Chemical Communications</i> , 2009 , 1748-50	5.8	59
688	Two base pair duplexes suffice to build a novel material. <i>ChemBioChem</i> , 2009 , 10, 1335-9	3.8	58
687	The Proline-Catalyzed Asymmetric Amination of Branched Aldehydes. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 266-282	3.2	58
686	Regioselective Functionalization of [2.2]Paracyclophanes: Recent Synthetic Progress and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2156-2170	16.4	58
685	Labile or stable: can homoleptic and heteroleptic PyrPHOS-copper complexes be processed from solution?. <i>Inorganic Chemistry</i> , 2014 , 53, 7837-47	5.1	57
684	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, 6175-7	16.4	57
683	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	6.7	56
682	Photoswitchable Adsorption in Metal-Organic Frameworks Based on Polar Guest-Host Interactions. <i>ChemPhysChem</i> , 2015 , 16, 3779-83	3.2	56

681	Solid-phase synthesis of substituted cinnolines by a Richter type cleavage protocol. <i>Tetrahedron Letters</i> , 1999 , 40, 6201-6203	2	56
680	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, 4734-43	3.9	55
679	The aza-xylylene Diels-Alder approach for the synthesis of naturally occurring 2-alkyl tetrahydroquinolines. <i>Tetrahedron</i> , 2003 , 59, 6785-6796	2.4	55
678	High Antimicrobial Activity of Metal-Organic Framework-Templated Porphyrin Polymer Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1528-1533	9.5	55
677	ortho-Perfluoroalkylation and ethoxycarbonyldifluoromethylation of aromatic triazenes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7938-48	4.2	54
676	Solid-phase synthesis, bioconjugation, and toxicology of novel cationic oligopeptoids for cellular drug delivery. <i>Bioconjugate Chemistry</i> , 2007 , 18, 342-54	6.3	54
675	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, 7879-81	16.4	54
674	Triplet emitters versus TADF emitters in OLEDs: A comparative study. <i>Polyhedron</i> , 2018 , 140, 51-66	2.7	54
673	Non-ATP competitive glycogen synthase kinase 3beta (GSK-3beta) inhibitors: study of structural requirements for thiadiazolidinone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 495-510	3.4	53
672	A novel solid-phase synthesis of highly diverse guanidines: reactions of primary amines attached to the T2 linker. <i>Organic Letters</i> , 2000 , 2, 3563-5	6.2	53
671	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, 1584-798	7.6	52
670	cis-to-trans isomerization of azobenzene investigated by using thin films of metal-organic frameworks. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 22721-5	3.6	52
669	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18830-18834	16.4	52
668	Asymmetric, Catalytic Phenyl Transfer to Imines: Highly Enantioselective Synthesis of Diarylmethylamines. <i>Angewandte Chemie</i> , 2002 , 114, 3844-3846	3.6	52
667	Auto-catalysed crosslinking for next-generation OLED-design. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20786		51
666	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	3.2	51
665	Highlights in steroid chemistry: total synthesis versus semisynthesis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9389-91	16.4	50
664	A new highly efficient three-component domino Heck-Diels-Alder reaction with bicyclopropylidene: rapid access to spiro[2.5]oct-4-ene derivatives. <i>Chemistry - A European Journal</i> , 2002 , 8, 2350-69	4.8	50

663	Electrophilic cyclization of aryldiacetylenes in the synthesis of functionalized enediynes fused to a heterocyclic core. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9018-45	4.2	49
662	How the quantum efficiency of a highly emissive binuclear copper complex is enhanced by changing the processing solvent. <i>Langmuir</i> , 2013 , 29, 3034-44	4	49
661	Bartoli indole synthesis on solid supports. <i>Organic Letters</i> , 2003 , 5, 2829-32	6.2	49
660	Ungewöhnliche intra- und intermolekulare palladiumkatalysierte Kupplungsreaktionen mit tetrasubstituierten Alkenen vom Methylenecyclopropan-Typ. <i>Angewandte Chemie</i> , 1995 , 107, 2741-2743	3.6	49
659	Genetic code expansion for multiprotein complex engineering. <i>Nature Methods</i> , 2016 , 13, 997-1000	21.6	48
658	A unified strategy for the asymmetric total syntheses of diversinol and lachnone C. <i>Chemistry - A European Journal</i> , 2011 , 17, 13706-11	4.8	48
657	Peptoid nanotubes: an oligomer macrocycle that reversibly sequesters water via single-crystal-to-single-crystal transformations. <i>Chemical Communications</i> , 2013 , 49, 2317-9	5.8	47
656	Click chemistry produces hyper-cross-linked polymers with tetrahedral cores. <i>New Journal of Chemistry</i> , 2011 , 35, 1577	3.6	47
655	Thermal Effects in the Organocatalytic Asymmetric α -Amination of Disubstituted Aldehydes with Azodicarboxylates: A High-Temperature Organocatalysis. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 2207-2212	3.2	47
654	Planar and central chiral [2.2]paracyclophane-based N,O-ligands as highly active catalysts in the diethylzinc addition to aldehydes. <i>Chemical Communications</i> , 2002 , 26-7	5.8	47
653	Photolysis of four β -lactam antibiotics under simulated environmental conditions: Degradation, transformation products and antibacterial activity. <i>Science of the Total Environment</i> , 2019 , 651, 1605-1612	10.2	47
652	Highly Luminescent, Water-Soluble Lanthanide Fluorobenzoates: Syntheses, Structures and Photophysics, Part I: Lanthanide Pentafluorobenzoates. <i>Chemistry - A European Journal</i> , 2015 , 21, 17921-32	4.8	46
651	Antagonists for the orphan G-protein-coupled receptor GPR55 based on a coumarin scaffold. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 4798-810	8.3	46
650	Hydro-dediazotiation of diazonium salts using trichlorosilane: new cleavage conditions for the T1 traceless linker. <i>Tetrahedron Letters</i> , 2000 , 41, 3813-3816	2	46
649	Metal-Organic and Organic TADF-Materials: Status, Challenges and Characterization. <i>Topics in Current Chemistry</i> , 2016 , 374, 22	7.2	46
648	Synthesis and pharmacological evaluation of coumarin derivatives as cannabinoid receptor antagonists and inverse agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 2842-51	3.4	45
647	Well-defined star shaped polymer-fullerene hybrids via click chemistry. <i>Soft Matter</i> , 2010 , 6, 82-84	3.6	44
646	Traceless and multifunctional linkers for the generation of small molecules on solid supports. <i>Current Opinion in Chemical Biology</i> , 2004 , 8, 230-7	9.7	44

645	Efficient solid-phase synthesis of highly functionalized 1,4-benzodiazepin-5-one derivatives and related compounds by intramolecular aza-Wittig reactions. <i>Chemistry - A European Journal</i> , 2005 , 11, 2680-8	4.8	44
644	High-flexibility combinatorial peptide synthesis with laser-based transfer of monomers in solid matrix material. <i>Nature Communications</i> , 2016 , 7, 11844	17.4	43
643	Modular syntheses of diversinol-type tetrahydroxanthone mycotoxins: blennolide C (epi-hemirugulotrosin A) and analogues. <i>Chemistry - A European Journal</i> , 2008 , 14, 8086-9	4.8	43
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91	Azide-Containing High Energy Materials 389-411		1
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89	Synthesis of Azides 53-94		1
88	Azides by Olefin Hydroazidation Reactions 95-111		1

87	The Chemistry of Vinyl, Allenyl, and Ethynyl Azides113-166		1
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62	Toward Tomorrow's Drugs: The Synthesis of Compound Libraries by Solid-Phase Chemistry343-375		1
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