

Stefan Brse

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9500972/stefan-brase-publications-by-year.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	C-P bond formation of cyclophanyl-, and aryl halides a UV-induced photo Arbuzov reaction: a versatile portal to phosphonate-grafted scaffolds.. <i>RSC Advances</i> , 2022 , 12, 3309-3312	3.7	1
787	The jasmonate biosynthesis Gene OsOPR7 can mitigate salinity induced mitochondrial oxidative stress.. <i>Plant Science</i> , 2022 , 316, 111156	5.3	
786	A chemical probe for BAG1 targets androgen receptor-positive prostate cancer through oxidative stress signaling pathway.. <i>IScience</i> , 2022 , 25, 104175	6.1	0
785	Facile synthesis of new pyrano[3,2-c]quinolones via the reaction of quinolin-2-ones with ethene-1,2,3,4-tetracarbonitrile. <i>Monatshefte Für Chemie</i> , 2022 , 153, 277-284	1.4	0
784	Efficient Synthesis of Various Substituted (Thio)Ureas, Semicarbazides, Thiosemicarbazides, Thiazolidones, and Oxadiazole Derived from [2.2]Paracyclophane.. <i>ACS Omega</i> , 2022 , 7, 12879-12890	3.9	1
783	An efficient approach for the synthesis of novel series of 1,3-dihydrospiro[indene-2,6?-[1,3]thiazine] derivatives. <i>Monatshefte Für Chemie</i> , 2022 , 153, 87-94	1.4	1
782	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification.. <i>Polymers</i> , 2022 , 14,	4.5	9
781	Recent progress in the applications of silica-based nanoparticles.. <i>RSC Advances</i> , 2022 , 12, 13706-13726	3.7	1
780	Design Strategies for Structurally Controlled Polymer Surfaces via Cyclophane-based CVD Polymerization and Post-CVD Fabrication.. <i>Advanced Materials</i> , 2022 , e2201761	24	0
779	Graphene Oxide@Heavy Metal Ions (GO@M) Complex Simulated Waste as an Efficient Adsorbent for Removal of Cationic Methylene Blue Dye from Contaminated Water. <i>Materials</i> , 2022 , 15, 3657	3.5	
778	Azobenzenes: The Quest for Visible Light Triggering 2022 , 39-64		
777	Surfaces decorated with enantiomorphically pure polymer nanohelices via hierarchical chirality transfer across multiple length scales.. <i>Advanced Materials</i> , 2021 , e2108386	24	2
776	Photoinduced Delamination of Metal-Organic Framework Thin Films by Spatioselective Generation of Reactive Oxygen Species. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 57768-57773	9.5	1
775	Diversity-Oriented Synthesis of [2.2]Paracyclophane-derived Fused Imidazo[1,2-a]heterocycles by Groebke-Blackburn-Bienaym Reaction: Accessing Cyclophanyl Imidazole Ligands Library. <i>Chemistry - A European Journal</i> , 2021 , 28, e202103511	4.8	0
774	Stereoselective synthesis of homochiral paracyclophanylindenofuranylimidazo[3.3.3]propellanes. <i>Monatshefte Für Chemie</i> , 2021 , 152, 1571	1.4	1
773	Metal-to-Metal Distance Modulated Au(I)/Ru(II) Cyclophanyl Complexes: Cooperative Effects in Photoredox Catalysis. <i>Chemistry - A European Journal</i> , 2021 , 27, 15187-15200	4.8	3
772	A small molecule screen identifies novel inhibitors of mechanosensory nematocyst discharge in Hydra. <i>Scientific Reports</i> , 2021 , 11, 20627	4.9	0

771	Breaking Symmetry Relaxes Structural and Magnetic Restraints, Suppressing QTM in Enantiopure Butterfly Fe Dy SMMs*. <i>Chemistry - A European Journal</i> , 2021 , 27, 15102-15108	4.8	1
770	Targeting Oxidative Stress: Novel Coumarin-Based Inverse Agonists of GPR55. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
769	Effects of a Novel GPR55 Antagonist on the Arachidonic Acid Cascade in LPS-Activated Primary Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
768	The Diels-Alder Approach towards Cannabinoid Derivatives and Formal Synthesis of Tetrahydrocannabinol (THC). <i>ChemistryOpen</i> , 2021 , 10, 587-592	2.3	
767	Covalent Triazine Frameworks Based on the First -Octahedral Hexanitrile Monomer via Nitrile Trimerization: Synthesis, Porosity, and CO Gas Sorption Properties. <i>Materials</i> , 2021 , 14,	3.5	3
766	An Intramolecular Iodine-Catalyzed C(sp ³)H Oxidation as a Versatile Tool for the Synthesis of Tetrahydrofurans. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 3478-3483	3.2	
765	Cyclic Peptoid-Peptide Hybrids as Versatile Molecular Transporters. <i>Frontiers in Chemistry</i> , 2021 , 9, 696957	5.7	0
764	Platinum Cyclooctadiene Complexes with Activity against Gram-positive Bacteria. <i>ChemMedChem</i> , 2021 , 16, 3165-3171	3.7	10
763	Investigation of Luminescent Triplet States in Tetranuclear Cu Complexes: Thermochromism and Structural Characterization. <i>Chemistry - A European Journal</i> , 2021 , 27, 5439-5452	4.8	12
762	Quinolones as prospective drugs: Their syntheses and biological applications. <i>Advances in Heterocyclic Chemistry</i> , 2021 , 147-196	2.4	1
761	Criegee Intermediates Beyond Ozonolysis: Synthetic and Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15138-15152	16.4	9
760	Id1 and Id3 Are Regulated Through Matrix-Assisted Autocrine BMP Signaling and Represent Therapeutic Targets in Melanoma. <i>Advanced Therapeutics</i> , 2021 , 4, 2000065	4.9	1
759	Criegee-Intermediate Ber die Ozonolyse hinaus: Ein Einblick in Synthesen und Mechanismen. <i>Angewandte Chemie</i> , 2021 , 133, 15266-15280	3.6	
758	Synthesis of 3,3'-methylenebis(4-hydroxyquinolin-2(1H)-ones) of prospective anti-COVID-19 drugs. <i>Molecular Diversity</i> , 2021 , 25, 461-471	3.1	2
757	Chemotion Repository, a Curated Repository for Reaction Information and Analytical Data. <i>Chemistry Methods</i> , 2021 , 1, 8-11		1
756	Modular Synthesis of trans-A B -Porphyrins with Terminal Esters: Systematically Extending the Scope of Linear Linkers for Porphyrin-Based MOFs. <i>Chemistry - A European Journal</i> , 2021 , 27, 1390-1401	4.8	3
755	Regioselective and stereoselective synthesis of epithiomethanoiminoindeno[1,2-b]furan-3-carbonitrile: heterocyclic [3.3.3]propellanes. <i>Molecular Diversity</i> , 2021 , 25, 99-108	3.1	4
754	Various Structural Design Modifications: -Substituted Diphenylphosphinopyridine Bridged Cu(II) Complexes in Organic Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2021 , 60, 2315-2332	5.1	12

753	Expanded Cyclotetrazabenzoin. <i>Organic Letters</i> , 2021 , 23, 781-785	6.2	5
752	Halogen-bonded one-dimensional chains of functionalized ditopic bipyridines co-crystallized with mono-, di-, and triiodofluorobenzenes. <i>CrystEngComm</i> , 2021 , 23, 4247-4251	3.3	1
751	In situ sensors for flow reactors & review. <i>Reaction Chemistry and Engineering</i> , 2021 , 6, 1497-1507	4.9	6
750	Highly NIR-emitting ytterbium complexes containing 2-(tosylaminobenzylidene)-N-benzoylhydrazone anions: structure in solution and use for bioimaging. <i>Dalton Transactions</i> , 2021 , 50, 3786-3791	4.3	4
749	A Synthetic Strategy for Cofacial Porphyrin-Based Homo- and Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 3047-3054	4.8	5
748	Fluorescence detected circular dichroism (FDCD) for supramolecular host-guest complexes. <i>Chemical Science</i> , 2021 , 12, 9420-9431	9.4	4
747	Bio-instructive materials on-demand - combinatorial chemistry of peptoids, foldamers, and beyond. <i>Chemical Communications</i> , 2021 , 57, 11131-11152	5.8	2
746	A Brief History of OLEDs-Emitter Development and Industry Milestones. <i>Advanced Materials</i> , 2021 , 33, e2005630	24	125
745	Design and synthesis of hydrazinecarbothioamide sulfones as potential antihyperglycemic agents. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000336	4.3	0
744	ChemSpectra: a web-based spectra editor for analytical data. <i>Journal of Cheminformatics</i> , 2021 , 13, 8	8.6	4
743	Transcriptome analysis of two structurally related flavonoids; Apigenin and Chrysin revealed hypocholesterolemic and ketogenic effects in mouse embryonic fibroblasts. <i>European Journal of Pharmacology</i> , 2021 , 893, 173804	5.3	3
742	Formal Semisynthesis of Demethylgorgosterol Utilizing a Stereoselective Intermolecular Cyclopropanation Reaction. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1568-1574	3.2	
741	Multigram-Scale Kinetic Resolution of 4-Acetyl[2.2]Paracyclophane via Ru-Catalyzed Enantioselective Hydrogenation: Accessing [2.2]Paracyclophanes with Planar and Central Chirality. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2861-2865	5.6	8
740	Direct Synthesis of ZIF-8 on Transmission Electron Microscopy Grids Allows Structure Analysis and 3D Reconstruction. <i>Microscopy and Microanalysis</i> , 2021 , 27, 3114-3116	0.5	
739	Avoiding the Center-Symmetry Trap: Programmed Assembly of Dipolar Precursors into Porous, Crystalline Molecular Thin Films. <i>Advanced Materials</i> , 2021 , 33, e2103287	24	1
738	Metal-to-Metal Distance Modulation by Ligand Design: A Case Study of Structure-Property Correlation in Planar Chiral Cyclophanyl Metal Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 15020-15026	4.8	4
737	Novel Cofacial Porphyrin-Based Homo- and Heterotrimetallic Complexes of Transition Metals. <i>Chemistry - A European Journal</i> , 2021 , 27, 15201-15207	4.8	1
736	Gerät-Editierung & Stickstoff-Deletion sekundärer Amine mithilfe anomerer Amid-Reagenzien. <i>Angewandte Chemie</i> , 2021 , 133, 19674-19676	3.6	0

735	Substituted Pyrazoles and Their Heteroannulated Analogs-Recent Syntheses and Biological Activities. <i>Molecules</i> , 2021 , 26,	4.8	2
734	Synthesis and post-polymerization modification of poly(propargyl 2-ylidene-acetate). <i>European Polymer Journal</i> , 2021 , 156, 110564	5.2	0
733	Synthesis and SAR evaluation of coumarin derivatives as potent cannabinoid receptor agonists. <i>European Journal of Medicinal Chemistry</i> , 2021 , 220, 113354	6.8	
732	Skeletal Editing-Nitrogen Deletion of Secondary Amines by Anomeric Amide Reagents. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19522-19524	16.4	3
731	Molecular Design and Synthesis of Dicarbazolophane-Based Centrosymmetric Through-Space Donors for Solution-Processed Thermally Activated Delayed Fluorescence OLEDs. <i>Organic Letters</i> , 2021 , 23, 6697-6702	6.2	2
730	Heterocycloalkynes Fused to a Heterocyclic Core: Searching for an Island with Optimal Stability-Reactivity Balance. <i>Journal of the American Chemical Society</i> , 2021 , 143, 16519-16537	16.4	2
729	Development of a Benzothiazole Scaffold-Based Androgen Receptor N-Terminal Inhibitor for Treating Androgen-Responsive Prostate Cancer. <i>ACS Chemical Biology</i> , 2021 , 16, 2103-2108	4.9	2
728	Regioselective ortho-Palladation of [2.2]Paracyclophane Scaffolds: Accessing Planar and Central Chiral N,C-Palladacycles. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 5090-5093	3.2	3
727	Dynamic porous organic polymers with tuneable crosslinking degree and porosity.. <i>RSC Advances</i> , 2021 , 11, 27714-27719	3.7	5
726	Rigid Multidimensional Alkoxyamines: A Versatile Building Block Library. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 239-245	3.2	2
725	Synthesis of new pyrazolo[1,2,3]triazines by cyclative cleavage of pyrazolyltriazenes.. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2773-2780	2.5	1
724	Effect of a twin-emitter design strategy on a previously reported thermally activated delayed fluorescence organic light-emitting diode.. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 2894-2905	2.5	
723	Towards the synthesis of calotropin and related cardenolides from 3-epiandrosterone: A-ring related modifications. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2670-2681	5.2	1
722	Naturally Occurring Cardenolides Affecting. <i>ACS Infectious Diseases</i> , 2020 , 6, 1922-1927	5.5	4
721	Interplay of Pyrrolidine Units with Homo/Hetero Chirality and CF-Aryl Substituents on Secondary Structures of β Proline Tripeptides in Solution. <i>Journal of Organic Chemistry</i> , 2020 , 85, 8865-8871	4.2	1
720	Intramolecular Nicholas Reactions in the Synthesis of Heteroenediyne Fused to Indole, Triazole, and Isocoumarin. <i>Journal of Organic Chemistry</i> , 2020 , 85, 9001-9014	4.2	6
719	Real-time observation of molecular flattening and intersystem crossing in [(DPEPhos)Cu(i)(PyrTet)] via ultrafast UV/Vis- and mid-IR spectroscopy on solution and solid samples. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 14187-14200	3.6	8
718	Chemistry and Biological Activities of 1,2,4-Triazolethiones-Antiviral and Anti-Infective Drugs. <i>Molecules</i> , 2020 , 25,	4.8	14

717	Design and Synthesis of a [2.2]Paracyclophane-based Planar Chiral Dirhodium Catalyst and its Applications in Cyclopropanation Reaction of Vinylarenes with β -Methyl- β -Diazo Esters. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 3431-3436	5.6	4
716	Sensitizing TADF Absorption Using Variable Length Oligo(phenylene ethynylene) Antennae. <i>Frontiers in Chemistry</i> , 2020 , 8, 126	5	3
715	Reactive & Efficient: Organic Azides as Cross-Linkers in Material Sciences. <i>Molecules</i> , 2020 , 25,	4.8	19
714	Dynamic covalent polymer networks via combined nitroxide exchange reaction and nitroxide mediated polymerization. <i>Polymer Chemistry</i> , 2020 , 11, 2502-2510	4.9	8
713	Regioselective synthesis of new 7,8-dichlorobenzofuro[3,2-c]quinoline-6,9,10(5H)-triones from reactions of 4-hydroxy-2-quinolones with 3,4,5,6-tetrachloro-1,2-benzoquinone. <i>Journal of Chemical Research</i> , 2020 , 44, 388-392	0.6	1
712	Metal complexes as a promising source for new antibiotics. <i>Chemical Science</i> , 2020 , 11, 2627-2639	9.4	136
711	Lanthanide conjugates as versatile instruments for therapy and diagnostics. <i>Dalton Transactions</i> , 2020 , 49, 2397-2402	4.3	5
710	The Staudinger Ligation. <i>Chemical Reviews</i> , 2020 , 120, 4301-4354	68.1	67
709	Cobalt-Catalyzed β -Arylation of Substituted β -Bromo β -Fluoro β -Lactams with Diaryl Zinc Reagents: Generalization to Functionalized Bromo Derivatives. <i>Chemistry - A European Journal</i> , 2020 , 26, 13163-13169	4.8	7
708	Modernes Forschungsdatenmanagement Ein Naturstoffprojekt als Fallstudie. <i>BioSpektrum</i> , 2020 , 26, 107-109	0.1	
707	A versatile Diels-Alder approach to functionalized hydroanthraquinones. <i>Royal Society Open Science</i> , 2020 , 7, 200626	3.3	
706	Structural Diversity of Peptoids: Tube-Like Structures of Macrocycles. <i>Molecules</i> , 2020 , 26,	4.8	2
705	Molekulararchiv: Substanzen aus akademischen Labors gesammelt. <i>Nachrichten Aus Der Chemie</i> , 2020 , 68, 21-23	0.1	
704	Post-synthetic Modification of DUT-5-based Metal Organic Frameworks for the Generation of Single-site Catalysts and their Application in Selective Epoxidation Reactions. <i>ChemCatChem</i> , 2020 , 12, 1134-1142	5.2	7
703	Assembly of Molecular Building Blocks into Integrated Complex Functional Molecular Systems: Structuring Matter Made to Order. <i>Advanced Functional Materials</i> , 2020 , 30, 1907625	15.6	22
702	Sodium Bicyclo[1.1.1]pentanesulfinate: A Bench-Stable Precursor for Bicyclo[1.1.1]pentylsulfones and Bicyclo- [1.1.1]pentanesulfonamides. <i>Chemistry - A European Journal</i> , 2020 , 26, 4242-4245	4.8	8
701	Proton-conduction photomodulation in spiropyran-functionalized MOFs with large on/off ratio. <i>Chemical Science</i> , 2020 , 11, 1404-1410	9.4	41
700	Reactivity of N-substituted alkenylidene hydrazinecarbothioamides toward tetracyanoethylene, an efficient synthesis stereoselective 1,3-thiazole compounds. <i>Research on Chemical Intermediates</i> , 2020 , 46, 1571-1585	2.8	1

699	OBO-Fused Benzo[fg]tetracene as Acceptor With Potential for Thermally Activated Delayed Fluorescence Emitters. <i>Frontiers in Chemistry</i> , 2020 , 8, 563411	5	1
698	Efficient Sky-Blue Organic Light-Emitting Diodes Using a Highly Horizontally Oriented Thermally Activated Delayed Fluorescence Emitter. <i>Advanced Optical Materials</i> , 2020 , 8, 2001354	8.1	19
697	Direct Synthesis of ZIF-8 on Transmission Electron Microscopy Grids Allows Structure Analysis and 3D Reconstruction. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000209	3.1	
696	Tris(triazolo)triazine-based emitters for solution-processed blue thermally activated delayed fluorescence organic light-emitting diodes. <i>Materials Advances</i> , 2020 , 1, 2862-2871	3.3	6
695	New Paracyclophanylthiazoles with Anti-Leukemia Activity: Design, Synthesis, Molecular Docking, and Mechanistic Studies. <i>Molecules</i> , 2020 , 25,	4.8	4
694	Design, Synthesis, and Molecular Docking of Paracyclophanyl-Thiazole Hybrids as Novel CDK1 Inhibitors and Apoptosis Inducing Anti-Melanoma Agents. <i>Molecules</i> , 2020 , 25,	4.8	7
693	Chemistry of Substituted Thiazinanes and Their Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	3
692	Synthesis of New Planar-Chiral Linked [2.2]Paracyclophanes--([2.2]-Paracyclophanylcarbonyl)-4-([2.2]Paracyclophanylcarboxamide, [2.2]Paracyclophanyl-Substituted Triazolthiones and -Substituted Oxadiazoles. <i>Molecules</i> , 2020 , 25,	4.8	3
691	Increasing the Functional Group Diversity in Helical Peptoids: Achievement of Solvent- and pH-Dependent Folding. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10466-10478	4.2	1
690	The Repository Chemotion: Infrastructure for Sustainable Research in Chemistry*. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22771-22778	16.4	11
689	Polymerization in MOF-Confined Nanospaces: Tailored Architectures, Functions, and Applications. <i>Langmuir</i> , 2020 , 36, 10657-10673	4	19
688	Controlling Regioselectivity in Palladium-Catalyzed C-H Activation/Aryl-Aryl Coupling of 4-Phenylamino[2.2]paracyclophane. <i>Chemistry - A European Journal</i> , 2020 , 26, 13771-13775	4.8	2
687	Synthesis and structure confirmation of 2,4-disubstituted thiazole and 2,3,4-trisubstituted thiazole as thiazolium bromide salts. <i>Monatshefte Für Chemie</i> , 2020 , 151, 1143-1152	1.4	3
686	A mitochondria-targeted coenzyme Q peptoid induces superoxide dismutase and alleviates salinity stress in plant cells. <i>Scientific Reports</i> , 2020 , 10, 11563	4.9	6
685	Thiol-ene crosslinked triarylamine hole transport layers for solution-processable organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 16498-16505	7.1	5
684	Design, Synthesis, Molecular Docking, Antiapoptotic and Caspase-3 Inhibition of New 1,2,3-Triazole/-2(1)-Quinolinone Hybrids. <i>Molecules</i> , 2020 , 25,	4.8	3
683	Tetracyanoethylene as a building block in the facile synthesis of heteroaryl-tetrasubstituted thiazoles. <i>Monatshefte Für Chemie</i> , 2020 , 151, 1425-1431	1.4	1
682	On Demand Light-Degradable Polymers Based on 9,10-Dialkoxyanthracenes. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000314	4.8	0

681	Das Repositorium Chemotion: Infrastruktur für nachhaltige Wissenschaft in der Chemie**. <i>Angewandte Chemie</i> , 2020 , 132, 22960-22968	3.6	3
680	Stereoselective synthesis of 2-(2,4-dinitrophenyl)hydrazono- and (2-tosylhydrazono)-4-oxo-thiazolidine derivatives and screening of their anticancer activity. <i>Monatshefte für Chemie</i> , 2020 , 151, 1453-1466	1.4	1
679	What Controls the Orientation of TADF Emitters?. <i>Frontiers in Chemistry</i> , 2020 , 8, 750	5	21
678	Teaching indicators to unravel the kinetic features of host-guest inclusion complexes. <i>Chemical Communications</i> , 2020 , 56, 12327-12330	5.8	9
677	Synthesis of quinone-based heterocycles of broad-spectrum anticancer activity. <i>Journal of Chemical Research</i> , 2020 , 174751982095973	0.6	
676	Occurrence, synthesis and applications of natural and designed [3.3.3]propellanes. <i>Natural Product Reports</i> , 2020 , 37, 224-245	15.1	11
675	4-Hydroxy-2-quinolones: syntheses, reactions and fused heterocycles. <i>Molecular Diversity</i> , 2020 , 24, 477-524	5.24	8
674	New quinoline-2-one/pyrazole derivatives; design, synthesis, molecular docking, anti-apoptotic evaluation, and caspase-3 inhibition assay. <i>Bioorganic Chemistry</i> , 2020 , 94, 103348	5.1	12
673	Regioselektive Funktionalisierung von [2.2]Paracyclophanen: aktuelle Synthesefortschritte und Perspektiven. <i>Angewandte Chemie</i> , 2020 , 132, 2176-2190	3.6	14
672	Regioselective Functionalization of [2.2]Paracyclophanes: Recent Synthetic Progress and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2156-2170	16.4	58
671	Bicyclo[1.1.1]pentyl Sulfoximines: Synthesis and Functionalizations. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1356-1361	5.6	3
670	Eschenmoser-Coupling Reaction Furnishes Diazenyl-1,2,4-triazole-5(4H)-thione Derivatives. <i>ChemistrySelect</i> , 2019 , 4, 465-468	1.8	1
669	Chemoenzymatic Synthesis of O-Containing Heterocycles from α -Diazo Esters. <i>ChemCatChem</i> , 2019 , 11, 5519-5523	5.2	5
668	Highly soluble fluorine containing Cu(i) AlkylPyrPhos TADF complexes. <i>Dalton Transactions</i> , 2019 , 48, 15687-15698	4.3	20
667	Metal-supported and -assisted stereoselective cooperative photoredox catalysis. <i>Dalton Transactions</i> , 2019 , 48, 15338-15357	4.3	11
666	Synthesis, Transfer, and Gas Separation Characteristics of MOF-Templated Polymer Membranes. <i>Membranes</i> , 2019 , 9,	3.8	8
665	Star-shaped triarylamines [One-step metal-free synthesis and optoelectronic properties. <i>Synthetic Metals</i> , 2019 , 256, 116138	3.6	4
664	Recycling and self-healing of dynamic covalent polymer networks with a precisely tuneable crosslinking degree. <i>Polymer Chemistry</i> , 2019 , 10, 672-678	4.9	33

663	Alkaline generation and reactions of CF ₃ CHN ₂ . <i>Science China Chemistry</i> , 2019 , 62, 923-924	7.9	
662	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
661	Rational design and implementation of a cucurbit[8]uril-based indicator-displacement assay for application in blood serum. <i>Chemical Science</i> , 2019 , 10, 6584-6593	9.4	28
660	Insertion of [1.1.1]propellane into aromatic disulfides. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1172-1180	2.5	14
659	Switching the enantioselectivity of nanoporous host materials by light. <i>Chemical Communications</i> , 2019 , 55, 8776-8779	5.8	30
658	Miniaturized and Automated Synthesis of Biomolecules-Overview and Perspectives. <i>Advanced Materials</i> , 2019 , 31, e1806656	24	10
657	Planar-Chiral [2.2]Paracyclophane-Based Pyridonates as Ligands for Tantalum-Catalyzed Hydroaminoalkylation. <i>ChemCatChem</i> , 2019 , 11, 5264-5268	5.2	12
656	Photoleitfähigkeit in Dünfilmen Metall-organischer Gerüste. <i>Angewandte Chemie</i> , 2019 , 131, 9691-9696	3.6	12
655	Photoconductivity in Metal-Organic Framework (MOF) Thin Films. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9590-9595	16.4	68
654	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
653	Bridging the Green Gap: Metal-Organic Framework Heteromultilayers Assembled from Porphyrinic Linkers Identified by Using Computational Screening. <i>Chemistry - A European Journal</i> , 2019 , 25, 7847-7854	4.8	18
652	New Polyfluorinated Cyanine Dyes for Selective NIR Staining of Mitochondria. <i>Chemistry - A European Journal</i> , 2019 , 25, 7998-8002	4.8	13
651	Soft Matter Technology at KIT: Chemical Perspective from Nanoarchitectures to Microstructures. <i>Advanced Materials</i> , 2019 , 31, e1806334	24	8
650	Synthesis of New Heterocycles from Reactions of 1-Phenyl-1H-pyrazolo[3,4-b]pyridine-5-carbonyl Azides. <i>Journal of Heterocyclic Chemistry</i> , 2019 , 56, 1369-1375	1.9	3
649	One-pot synthesis of 2,3-bis-(4-hydroxy-2-oxo-1,2-dihydroquinolin-3-yl)succinates and arylmethylene-bis-3,3'-quinoline-2-ones. <i>Chemical Papers</i> , 2019 , 73, 27-37	1.9	16
648	Regioselective formation of 1,2,4-triazoles by the reaction of amidrazones in the presence of diethyl azodicarboxylate and catalyzed by triethylamine. <i>Molecular Diversity</i> , 2019 , 23, 195-203	3.1	2
647	Cobalt-Catalyzed β -Arylation of Substituted β -Halogeno γ -Lactams. <i>Organic Letters</i> , 2019 , 21, 6241-6244	6.2	12
646	Analysis and Prediction Methods for Energy Efficiency and Media Demand in the Beverage Industry. <i>Food Engineering Reviews</i> , 2019 , 11, 200-217	6.5	7

645	Preparation and Synthetic Applications of [2.2]Paracyclophane Trifluoroborates: An Efficient and Convenient Route to Nucleophilic [2.2]Paracyclophane Cross-Coupling Building Blocks. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6198-6202	3.2	6
644	5-Carbohydrazide and 5-carbonylazide of pyrazolo[3,4-b]pyridines as reactive intermediates in the synthesis of various heterocyclic derivatives. <i>Journal of Chemical Research</i> , 2019 , 43, 219-229	0.6	0
643	When Does a Supramolecular Synthron Fail? Comparison of Bridgehead-Functionalized Adamantanes: The Tri- and Tetra-amides and Amine Hydrochlorides. <i>Crystal Growth and Design</i> , 2019 , 19, 5218-5227	3.5	3
642	A Peptoid Delivers CoQ-derivative to Plant Mitochondria via Endocytosis. <i>Scientific Reports</i> , 2019 , 9, 9839	1.9	3
641	Synthesis of Functionalized Azobiphenyl- and Azoterphenyl- Ditopic Linkers: Modular Building Blocks for Photoresponsive Smart Materials. <i>ChemistryOpen</i> , 2019 , 8, 743-759	2.3	6
640	Synthesis of Arylamides via Ritter-Type Cleavage of Solid-Supported Aryltriazenes. <i>ACS Combinatorial Science</i> , 2019 , 21, 568-572	3.9	9
639	New one-pot synthesis of 2-ylidenehydrazono-thiazoles. <i>Journal of Sulfur Chemistry</i> , 2019 , 40, 641-647	2.3	3
638	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18830-18834	16.4	52
637	Functionalized 1,3-Thiazolidin-4-Ones from 2-Oxo-Acenaphthoquinylidene- and [2.2]Paracyclophanyliden-Thiosemicarbazones. <i>Molecules</i> , 2019 , 24,	4.8	5
636	Synthesis, Characterization, and Biological Properties of Steroidal Ruthenium(II) and Iridium(III) Complexes Based on the Androst-16-en-3-ol Framework. <i>Inorganic Chemistry</i> , 2019 , 58, 15917-15926	5.1	8
635	Synthesis of New Fused Heterocyclic 2-Quinolones and 3-Alkanonyl-4-Hydroxy-2-Quinolones. <i>Molecules</i> , 2019 , 24,	4.8	4
634	Procedures for systematic capture and management of analytical data in academia. <i>Analytica Chimica Acta: X</i> , 2019 , 1, 100007	2.2	3
633	Design, synthesis, and DNA interaction studies of furo-imidazo[3.3.3]propellane derivatives: Potential anticancer agents. <i>Bioorganic Chemistry</i> , 2019 , 85, 585-599	5.1	8
632	Planar Chiral [2.2]Paracyclophane-Based Bisoxazoline Ligands and Their Applications in Cu-Mediated N-H Insertion Reaction. <i>Molecules</i> , 2019 , 24,	4.8	5
631	CHEMSCANNER: extraction and re-use(ability) of chemical information from common scientific documents containing ChemDraw files. <i>Journal of Cheminformatics</i> , 2019 , 11, 77	8.6	2
630	Acceptor Derivatization of the 4CzIPN TADF System: Color Tuning and Introduction of Functional Groups. <i>ChemistryOpen</i> , 2019 , 8, 1413-1420	2.3	6
629	A highly stable, Au/Ru heterobimetallic photoredox catalyst with a [2.2]paracyclophane backbone. <i>Dalton Transactions</i> , 2019 , 48, 17704-17708	4.3	8
628	Synthesis and characterization of rigid [2.2]paracyclophane-porphyrin conjugates as scaffolds for fixed-distance bimetallic complexes.. <i>RSC Advances</i> , 2019 , 9, 30541-30544	3.7	3

627	Synthesis and crystallographic evaluation of diazenyl- and hydrazothiazoles. [5.5] sigmatropic rearrangement and formation of thiazolium bromide dihydrate derivatives. <i>Journal of Molecular Structure</i> , 2019 , 1176, 346-356	3.4	6
626	Brightly luminescent lanthanide pyrazolecarboxylates: Synthesis, luminescent properties and influence of ligand isomerism. <i>Journal of Luminescence</i> , 2019 , 205, 429-439	3.8	21
625	Combinatorial Synthesis of Peptoid Arrays via Laser-Based Stacking of Multiple Polymer Nanolayers. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800533	4.8	12
624	Silver-Mediated Fluorination, Perfluoroalkylation, and Trifluoromethylthiolation Reactions 2019 , 271-330		1
623	Investigations on the Staudinger explosion and its prevention. <i>Journal of Hazardous Materials</i> , 2019 , 367, 375-380	12.8	
622	Convenient diastereoselective synthesis of annulated 3-substituted-(5S*,6S*,Z)-2-(2-(2,4-dinitrophenyl)hydrazono)-5,6-diphenyl-1,3-thiazinan-4-ones. <i>Molecular Diversity</i> , 2019 , 23, 821-828	3.1	4
621	Tridentate and bidentate copper complexes of [2.2]paracyclophanyl-substituted thiosemicarbazones, thiocarbazones, hydrazones and thioureas. <i>Journal of Molecular Structure</i> , 2019 , 1178, 311-326	3.4	13
620	Design, synthesis and biological evaluation of fused naphthofuro[3,2-c] quinoline-6,7,12-triones and pyrano[3,2-c]quinoline-6,7,8,13-tetraones derivatives as ERK inhibitors with efficacy in BRAF-mutant melanoma. <i>Bioorganic Chemistry</i> , 2019 , 82, 290-305	5.1	25
619	Reactive intermediates in the reaction of hydrazinecarbothioamides with 2-(bis(methylthio)methylene)malononitrile and ethyl 2-cyano-3,3-bis(methylthio)acrylate. <i>Research on Chemical Intermediates</i> , 2019 , 45, 613-631	2.8	3
618	Reaction of N,N-disubstituted hydrazinecarbothioamides with 2-bromo-2-substituted acetophenones. <i>Arkivoc</i> , 2019 , 2018, 102-111	0.9	2
617	Amidines: their synthesis, reactivity, and applications in heterocyclic synthesis. <i>Arkivoc</i> , 2019 , 2018, 85-138	3.9	26
616	Diverse Multi-Functionalized Oligoarenes and Heteroarenes for Porous Crystalline Materials. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 1446-1460	3.2	8
615	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
614	A convenient and efficient synthesis of thiazolidin-4-ones via cyclization of substituted hydrazinecarbothioamides. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 289-294	5.9	3
613	Remarkable high efficiency of red emitters using Eu(iii) ternary complexes. <i>Chemical Communications</i> , 2018 , 54, 5221-5224	5.8	28
612	1,5-Cyclooctadienyl alcohols and ketones generate a new class of COD Pt complexes. <i>Dalton Transactions</i> , 2018 , 47, 3689-3692	4.3	6
611	Relative Reactivity of Benzothiophene-Fused Enediynes in the Bergman Cyclization. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2788-2801	4.2	13
610	Synthesis of spiro[indoline-3,4?-pyrano[3,2-c]quinolone]-3?-carbonitriles. <i>Monatshefte für Chemie</i> , 2018 , 149, 635-644	1.4	25

609	The World Needs New Colors: Cutting Edge Mobility Focusing on Long Persistent Luminescence Materials. <i>ChemPhotoChem</i> , 2018 , 2, 55-66	3.3	6
608	Water-Stable Nanoporous Polymer Films with Excellent Proton Conductivity. <i>Macromolecular Rapid Communications</i> , 2018 , 39, 1700676	4.8	9
607	Thermal cis-to-trans Isomerization of Azobenzene Side Groups in Metal-Organic Frameworks investigated by Localized Surface Plasmon Resonance Spectroscopy. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018 , 233, 15-22	3.1	6
606	TGF β counteracts LYVE-1-mediated induction of lymphangiogenesis by small hyaluronan oligosaccharides. <i>Journal of Molecular Medicine</i> , 2018 , 96, 199-209	5.5	16
605	The World Needs New Colors: Cutting Edge Mobility Focusing on Long Persistent Luminescence Materials. <i>ChemPhotoChem</i> , 2018 , 2, 54-54	3.3	
604	Click Chemistry-mediated Biotinylation Reveals a Function for the Protease BACE1 in Modulating the Neuronal Surface Glycoproteome. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 1487-1501	7.6	19
603	Sustainable metal complexes for organic light-emitting diodes (OLEDs). <i>Coordination Chemistry Reviews</i> , 2018 , 373, 49-82	23.2	190
602	Alkyl and Aryl Thiol Addition to [1.1.1]Propellane: Scope and Limitations of a Fast Conjugation Reaction. <i>Chemistry - A European Journal</i> , 2018 , 24, 1373-1382	4.8	35
601	Ultra-fast Suzuki and Heck reactions for the synthesis of styrenes and stilbenes using arenediazonium salts as super-electrophiles. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 41-45	5.2	14
600	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
599	Homonuclear decoupling by projection reconstruction. <i>Magnetic Resonance in Chemistry</i> , 2018 , 56, 1006-1020	10.20	4
598	Series of Photoswitchable Azobenzene-Containing Metal-Organic Frameworks with Variable Adsorption Switching Effect. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 19044-19050	3.8	33
597	Theoretical and NMR Conformational Studies of β -Proline Oligopeptides With Alternating Chirality of Pyrrolidine Units. <i>Frontiers in Chemistry</i> , 2018 , 6, 91	5	5
596	Lanthanide pyrazolecarboxylates for OLEDs and bioimaging. <i>Journal of Luminescence</i> , 2018 , 202, 38-46	3.8	24
595	Synthesis of Azido-Glycans for Chemical Glycomodification of Proteins. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 4296-4305	3.2	4
594	Collision Induced Dissociation of Benzylpyridinium-Substituted Porphyrins: Towards a Thermometer Scale for Multiply Charged Ions?. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 382-392	3.5	4
593	Asymmetric Organocatalytic Synthesis of Bisindoles [Scope and Derivatizations. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 60-77	3.2	5
592	A Trifunctional Linker for Purified 3D Assembled Peptide Structure Arrays. <i>Small Methods</i> , 2018 , 2, 1700205	20.5	5

591	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
590	The coordination- and photochemistry of copper(i) complexes: variation of N^N ligands from imidazole to tetrazole. <i>Dalton Transactions</i> , 2018 , 47, 608-621	4.3	32
589	Triplet emitters versus TADF emitters in OLEDs: A comparative study. <i>Polyhedron</i> , 2018 , 140, 51-66	2.7	54
588	Synthesis of pyrano[3,2-c]quinoline-4-carboxylates and 2-(4-oxo-1,4-dihydroquinolin-3-yl)fumarates. <i>Chemical Papers</i> , 2018 , 72, 181-190	1.9	23
587	Anti-neuroinflammatory effects of GPR55 antagonists in LPS-activated primary microglial cells. <i>Journal of Neuroinflammation</i> , 2018 , 15, 322	10.1	34
586	Sequence-definition in stiff conjugated oligomers. <i>Scientific Reports</i> , 2018 , 8, 17483	4.9	12
585	Suzuki Cross-Coupling of [2.2]Paracyclophane Trifluoroborates with Pyridyl and Pyrimidyl Building Blocks. <i>ACS Omega</i> , 2018 , 3, 12158-12162	3.9	3
584	Chemotion-ELN part 2: adaption of an embedded Ketcher editor to advanced research applications. <i>Journal of Cheminformatics</i> , 2018 , 10, 38	8.6	5
583	Synthesis of novel 1,2-bis-quinolinyl-1,4-naphthoquinones: ERK2 inhibition, cytotoxicity and molecular docking studies. <i>Bioorganic Chemistry</i> , 2018 , 81, 700-712	5.1	29
582	Addition of dithi(ol)anylium tetrafluoroborates to α,β -unsaturated ketones. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 515-522	2.5	2
581	Surface Functionalization of Silicon, HOPG, and Graphite Electrodes: Toward an Artificial Solid Electrolyte Interface. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24172-24180	9.5	14
580	(Deep) blue through-space conjugated TADF emitters based on [2.2]paracyclophanes. <i>Chemical Communications</i> , 2018 , 54, 9278-9281	5.8	76
579	Reaction of Amidrazones with Phthaloyl ChlorideSynthesis of 1,2,4-Triazolium Salts (Part I). <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 775-779	1.9	4
578	Reaction of Amidrazones with Diaminomaleonitrile: Synthesis of 4-Amino-5-Iminopyrazoles. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 480-483	1.9	10
577	(Substituted Ylidene)Amino-2-Oxo-Indolylidene Thioureas and Bis(2-Oxo-Indolylidene)Urea from (Ylidene)Thiocarbonohydrazides and Isatylidene Malononitrile. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 959-964	1.9	3
576	OxidationReduction and heterocyclization of the reactions of alkanedithiols with Edeficient compounds. <i>Journal of Sulfur Chemistry</i> , 2017 , 38, 291-302	2.3	2
575	Planar-Chiral [2.2]Paracyclophane-Based Amides as Proligands for Titanium- and Zirconium-Catalyzed Hydroamination. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1760-1764	3.2	30
574	Double-Strand DNA Breaks Induced by Paracyclophane Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 6315-6322	4.8	12

573	Synthesis of aminopyrazoles from sydnone and ynamides. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1575-1579	3.9	18
572	Oxidation of diazenyl-protected N-heterocycles [a new entry to functionalized lactams. <i>RSC Advances</i> , 2017 , 7, 9461-9464	3.7	2
571	Regioselective synthesis of 5-aminopyrazoles from reactions of amidrazones with activated nitriles: NMR investigation and X-ray structural analysis. <i>Chemical Papers</i> , 2017 , 71, 1409-1417	1.9	2
570	Stille and Suzuki Cross-Coupling Reactions as Versatile Tools for Modifications at C-17 of Steroidal Skeletons [A Comprehensive Study. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 832-840	5.6	9
569	Formaldehyde-Extruding Homolytic Aromatic Substitution via C-D Transposition: Selective 'Traceless-Linker' access to Congested Biaryl Bonds. <i>Chemistry - A European Journal</i> , 2017 , 23, 9091-9097	4.8	9
568	Scope and Limitations of the Domino Vinylogous Aldol/oxa-Michael Reaction. <i>ChemistrySelect</i> , 2017 , 2, 3268-3275	1.8	
567	Chemical Synthesis of Modified Hyaluronic Acid Disaccharides. <i>Chemistry - A European Journal</i> , 2017 , 23, 12283-12296	4.8	8
566	Support Effect on the Water Gas Shift Activity of Chemical Vapor Deposition-Tailored-Pt/TiO ₂ Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 3194-3203	3.9	12
565	Surface modified EuLa1-xF3 nanoparticles as luminescent biomarkers: Still plenty of room at the bottom. <i>Dyes and Pigments</i> , 2017 , 143, 348-355	4.6	16
564	Propellanes-From a Chemical Curiosity to "Explosive" Materials and Natural Products. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5684-5718	16.4	120
563	Arenediazonium Tosylates (ADTs) as Efficient Reagents for Suzuki-Miyaura Cross-Coupling in Neat Water. <i>Synthesis</i> , 2017 , 49, 1680-1688	2.9	12
562	Propellane: von chemischen Kuriositäten zu Explosiven [Materialen und Naturstoffen. <i>Angewandte Chemie</i> , 2017 , 129, 5778-5813	3.6	31
561	Polylutidines: Multifunctional Surfaces through Vapor-Based Polymerization of Substituted Pyridinophanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 13342-13350	4.8	9
560	Eschenmoser Coupling Reaction and Reactivity of Hydrazinecarbo[thioamides in the Synthesis of Benzindazole and Naphthothiazole Derivatives. <i>Synthesis</i> , 2017 , 49, 3720-3725	2.9	2
559	Europium 2-benzofuranoate: Synthesis and use for bioimaging. <i>Optical Materials</i> , 2017 , 74, 191-196	3.3	14
558	Suzuki-Miyaura Cross-Coupling Reactions of Tetrahydroxanthones and 4-Chromanone Lactones to Heteromeric Biaryls. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3421-3427	5.6	5
557	Monitoring Reactions on Solid Phases with Raman Spectroscopy. <i>Chemistry - A European Journal</i> , 2017 , 23, 8703-8711	4.8	3
556	A comb-like ionomer based on poly(2,6-dimethyl-1,4-phenylene oxide) for the use as anodic binder in anion-exchange membrane direct methanol fuel cells. <i>Solid State Ionics</i> , 2017 , 303, 1-11	3.3	7

555	An optimised version of the secretome protein enrichment with click sugars (SPECS) method leads to enhanced coverage of the secretome. <i>Proteomics</i> , 2017 , 17, 1600423	4.8	7
554	Structure-performance relationships of phenyl cinnamic acid derivatives as MALDI-MS matrices for sulfatide detection. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1569-1580	4.4	8
553	Synthesis of Diaziridines and Diazirines via Resin-Bound Sulfonyl Oximes. <i>Organic Letters</i> , 2017 , 19, 34-37.2	11	
552	Photophysical dynamics of a binuclear Cu(I)-emitter on the fs to μ s timescale, in solid phase and in solution. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 29438-29448	3.6	20
551	Unprecedented One-Pot Reaction towards Chiral, Non-Racemic Copper(I) Complexes of [2.2]Paracyclophane-Based P,N-Ligands. <i>Chemistry - A European Journal</i> , 2017 , 23, 16452-16455	4.8	8
550	Copper(I) complexes of 8-(diphenylphosphanyl-oxy)-quinoline: Photophysics, structures and reactivity. <i>Inorganic Chemistry Communication</i> , 2017 , 86, 232-240	3.1	5
549	A direct access to heterobimetallic complexes by roll-over cyclometallation. <i>Chemical Communications</i> , 2017 , 53, 12016-12019	5.8	11
548	Microwave-Facilitated SPOT-Synthesis of Antibacterial Dipeptoids. <i>ACS Combinatorial Science</i> , 2017 , 19, 715-737	3.9	7
547	Fast and efficient synthesis of microporous polymer nanomembranes via light-induced click reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 558-563	2.5	8
546	Chemotion ELN: an Open Source electronic lab notebook for chemists in academia. <i>Journal of Cheminformatics</i> , 2017 , 9, 54	8.6	21
545	Synthesis of bis-oxathiaaza[3.3.3]propellanes via nucleophilic addition of (1,3-alkanediyl)bis(N'-organylthioureas) on dicyanomethylene-1,3-indanedione. <i>Arkivoc</i> , 2017 , 2016, 406-415	0.9	2
544	Reactivity of 2-substituted hydrazinecarbothioamides towards tetracyanoethylene and convenient synthesis of (5-amino-2-diazenylthiazolylmethylene)malononitrile derivatives. <i>Arkivoc</i> , 2017 , 2016, 163-177	0.9	2
543	Lanthanide Fluorobenzoates as Bio-Probes: a Quest for the Optimal Ligand Fluorination Degree. <i>Chemistry - A European Journal</i> , 2017 , 23, 14944-14953	4.8	20
542	Sequence-controlled molecular layers on surfaces by thiol-ene chemistry: synthesis and multitechnique characterization. <i>Polymer Chemistry</i> , 2017 , 8, 5824-5828	4.9	1
541	Two-photon absorption in a series of 2,6-disubstituted BODIPY dyes. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 21683-21690	3.6	11
540	Synthesis and Investigation of -Substituted 2-Mercaptobenzoimidazoles as Inhibitors of Hedgehog Signaling. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 931-935	4.3	1
539	[2.2]Paracyclophanes with N-Heterocycles as Ligands for Mono- and Dinuclear Ruthenium(II) Complexes. <i>Chemistry - A European Journal</i> , 2017 , 23, 15474-15483	4.8	14
538	Solid-State Step-Scan FTIR Spectroscopy of Binuclear Copper(I) Complexes. <i>ChemPhysChem</i> , 2017 , 18, 3023-3029	3.2	12

537	1,3,4-Thiadiazoles and 1,3-thiazoles from one-pot reaction of bisthioureas with 2-(bis(methylthio)methylene)malononitrile and ethyl 2-cyano-3,3-bis(methylthio)acrylate. <i>Journal of Sulfur Chemistry</i> , 2017 , 38, 69-75	2.3	10
536	Enantiomerically pure Edipeptide derivative induces anticancer activity against human hormone-refractory prostate cancer through both PI3K/Akt-dependent and -independent pathways. <i>Oncotarget</i> , 2017 , 8, 96668-96683	3.3	7
535	Development of Bag-1L as a therapeutic target in androgen receptor-dependent prostate cancer. <i>ELife</i> , 2017 , 6,	8.9	23
534	Control of Azomethine Cycloaddition Stereochemistry by CF ₃ Group: Structural Diversity of Fluorinated Proline Dimers. <i>Organic Letters</i> , 2016 , 18, 4698-701	6.2	7
533	Novel Prodrug of Doxorubicin Modified by Stearoylspermine Encapsulated into PEG-Chitosan-Stabilized Liposomes. <i>Langmuir</i> , 2016 , 32, 10861-10869	4	26
532	Towards Printed Organic Light-Emitting Devices: A Solution-Stable, Highly Soluble Cu -NHetPHOS. <i>Chemistry - A European Journal</i> , 2016 , 22, 16400-16405	4.8	37
531	Expeditious Synthesis of Functionalized 1-Arylcyclooctadienes via Palladium-Catalyzed Lithium Cross-Coupling. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 4125-4128	5.6	1
530	Lanthanide 9-anthracenate: solution processable emitters for efficient purely NIR emitting host-free OLEDs. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9848-9855	7.1	42
529	Facile Synthesis of Naphtho[2,3-d]thiazoles, Naphtho[2,3-e][1,3,4]thiadiazines and Bis(naphtho[2,3-d]thiazolyl)copper(II) Derivatives from Heteroylthiosemicarbazides. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 814-822	4.9	1
528	Methyl 2,3,3-trifluoroacrylate 2016 , 1-3		
527	Chemical Synthesis of Glycosaminoglycans. <i>Chemical Reviews</i> , 2016 , 116, 8193-255	68.1	131
526	Methanol oxidation on PdRh/C electrocatalyst in alkaline media: Temperature and methanol concentration dependencies. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 776, 49-52	4.1	10
525	Synthesis of Homochiral CoIII and MnIV[2.2]Paracyclophane Schiff Base Complexes with Predetermined Chirality at the Metal Centre. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3541-3544	3.3	3
524	Genetic code expansion for multiprotein complex engineering. <i>Nature Methods</i> , 2016 , 13, 997-1000	21.6	48
523	On the Design of a Comb-Shaped, Poly(phenylene oxide)-Based Anodic Binder for Anion-Exchange Membrane Direct Methanol Fuel Cell (AEM-DMFC). <i>ECS Transactions</i> , 2016 , 75, 1041-1054	1	
522	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
521	Radical exchange reaction of multi-spin isoindoline nitroxides followed by EPR spectroscopy. <i>RSC Advances</i> , 2016 , 6, 55715-55719	3.7	14
520	Synthese hochfunktionalisierter 4-Aminochinoline. <i>Angewandte Chemie</i> , 2016 , 128, 3888-3892	3.6	6

519	Synthesis of Highly Functionalized 4-Aminoquinolines. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3823-7	16.4	37
518	The Reactivity of Dimethyl Acetylenedicarboxylate and Heterocyclization of Hydrazinecarbothioamides to 1,3-Thiazolidin-4-ones. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 46-50	1.9	3
517	Reaction of dithiocarbamates with 2-[bis(methylthio)-methylene]malononitrile: unexpected formation of 4-imino-6-(methylthio)-3-substituted-3,4-dihydro-2H-1,3-thiazine-2-thiones* Dedicated to Professor Henning Hopf on the occasion of his 75th birthday.View all notes. <i>Journal of Sulfur Chemistry</i> , 2016 , 37, 222-228	2.3	5
516	Linear and Nonlinear Optical Spectroscopy of Fluoroalkylated BODIPY Dyes. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 4538-4545	3.8	31
515	Surface functionalization of conjugated microporous polymer thin films and nanomembranes using orthogonal chemistries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6815-6818	13	21
514	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
513	Reaction of dithiocarbamates with malononitrile dimer; simple synthesis of new 1,4-dihydropyridine-2-thiols. <i>Journal of Sulfur Chemistry</i> , 2016 , 37, 141-147	2.3	3
512	Roles of water and dissolved oxygen in photocatalytic generation of free OH radicals in aqueous TiO ₂ suspensions: An isotope labeling study. <i>Applied Catalysis B: Environmental</i> , 2016 , 182, 424-430	21.8	36
511	Tunable porosity of 3D-networks with germanium nodes. <i>Chemical Communications</i> , 2016 , 52, 571-4	5.8	7
510	Pd-mediated cross-coupling of C-17 lithiated androst-16-en-3-ol - access to functionalized arylated steroid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016 , 15, 92-95	3.9	7
509	Synthesis of New Furo-Imidazo[3.3.3]propellanes. <i>Current Organic Synthesis</i> , 2016 , 13, 426-431	1.9	4
508	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
507	Synthesis of three-dimensional porous hyper-crosslinked polymers via thiol-yne reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 2570-2576	2.5	4
506	NMR Chemical Shift Ranges of Urine Metabolites in Various Organic Solvents. <i>Metabolites</i> , 2016 , 6,	5.6	4
505	Solid Phase Synthesis of (Benzannelated) Six-Membered Heterocycles via Cyclative Cleavage of Resin-Bound Pseudo-Oxazolones. <i>Organic Letters</i> , 2016 , 18, 3598-601	6.2	24
504	A Hexakis Terpyridine-Fullerene Ligand in Six-Fold Ruthenium, Iridium, and Iron Complexes: Synthesis and Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 11522-6	4.8	10
503	Novel Synthesis of 1,3-Thiazine and Pyrimidinethione Derivatives from (1-Arylethylidene)hydrazinecarbothioamides and Tetracyanoethylene. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 876-881	1.9	3
502	Reactivity of N,N'-1,3-bis(alkylthio)-4,5-dihydro-1,2,4-triazole-3-thione Derivatives Towards Isatylidene Malononitrile. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 2025-2029	1.9	2

501	Efficient Modular Synthesis of Isomeric Mono- and Bispyridyl[2.2]paracyclophanes by Palladium-Catalyzed Cross- Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1664-1670	5.6	22
500	Efficient and Facile Synthesis of Substituted Aminothiadiazolylhydrazonoindolin-2-ones. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 633-636	1.9	3
499	Tunable molecular separation by nanoporous membranes. <i>Nature Communications</i> , 2016 , 7, 13872	17.4	156
498	Replication of Polymer-Based Peptide Microarrays by Multi-Step Transfer. <i>ChemNanoMat</i> , 2016 , 2, 897-903	3.3	2
497	Site-Specific Conjugation of Peptides and Proteins via Rebridging of Disulfide Bonds Using the Thiol-Yne Coupling Reaction. <i>Bioconjugate Chemistry</i> , 2016 , 27, 911-7	6.3	23
496	Solid phase syntheses of S,N-substituted 2-mercaptobenzoimidazoles. <i>RSC Advances</i> , 2016 , 6, 39573-39576	3.6	2
495	Metal-Organic and Organic TADF-Materials: Status, Challenges and Characterization. <i>Topics in Current Chemistry</i> , 2016 , 374, 22	7.2	46
494	Synthesis and characterization of phosphorescent cyclometalated Ir and Pt heteroleptic complexes using cyclophane-based chelates. <i>Polyhedron</i> , 2016 , 116, 182-188	2.7	9
493	(Hex-2-en-ylidene)-N-Substituted Hydrazinecarbothioamides and 2,3-Dichloro-1,4-naphthoquinone: Nucleophilic Substitution Reactions and Synthesis of Naphtho[2,3-f][1,3,4]thiadiazepines and Naphtho[2,3-d]thiazoles. <i>Synthesis</i> , 2016 , 48, 3134-3140	2.9	8
492	Oxaenediynes through the Nicholas-Type Macrocyclization Approach. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4842-4851	3.2	10
491	EXAFS characterisation of metal bonding in highly luminescent, UV stable, water-soluble and biocompatible lanthanide complexes. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012137	0.3	3
490	Reaction of Amidrazones with 2,3-Diphenylcyclopropenone: Synthesis of 3-(aryl)-2,5,6-Triphenylpyrimidin-4(3H)-ones. <i>Journal of Chemical Research</i> , 2016 , 40, 637-639	0.6	5
489	Methanol Oxidation on Ru- or Ni-Modified Pd-Electrocatalysts in Alkaline Media: A Comparative Differential Electrochemical Mass Spectrometry Study. <i>ECS Transactions</i> , 2016 , 75, 983-995	1	2
488	Tuning the Cell Adhesion on Biofunctionalized Nanoporous Organic Frameworks. <i>Advanced Functional Materials</i> , 2016 , 26, 8455-8462	15.6	26
487	Facile fabrication of robust superhydrophobic surfaces: comparative investigation. <i>RSC Advances</i> , 2016 , 6, 98257-98266	3.7	7
486	A Modular Class of Fluorescent Difluoroboranes: Synthesis, Structure, Optical Properties, Theoretical Calculations and Applications for Biological Imaging. <i>Chemistry - A European Journal</i> , 2016 , 22, 12430-8	4.8	21
485	Ligand field variations: tuning the toroidal moment of Dy ₆ rings. <i>Dalton Transactions</i> , 2015 , 44, 6343-7	4.3	25
484	Unprecedented pseudo-ortho and ortho metallation of [2.2]paracyclophanes--a methyl group matters. <i>Chemical Communications</i> , 2015 , 51, 4793-5	5.8	14

483	Synthesis of Some New Heteroarylhydrazono-1,3-thiazolidin-4-ones. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1368-1372	1.9	4
482	Sulfur-based hyper cross-linked polymers. <i>RSC Advances</i> , 2015 , 5, 23152-23159	3.7	6
481	Solid phase synthesis of functionalized indazoles using triazenes: Scope and limitations. <i>RSC Advances</i> , 2015 , 5, 65540-65545	3.7	6
480	Heterocyclization of thiocarbonohydrazides: Facile synthesis of 5-unsubstituted-1,3,4-thiadiazoles. <i>Chinese Chemical Letters</i> , 2015 , 26, 1183-1186	8.1	1
479	Highly efficient synthesis of polyfluorinated dendrons suitable for click chemistry. <i>RSC Advances</i> , 2015 , 5, 36762-36765	3.7	1
478	Open source life science automation: Design of experiments and data acquisition via Dial-a-device Chemometrics and Intelligent Laboratory Systems, 2015 , 144, 100-107	3.8	14
477	Dual-stimuli-responsive microparticles. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9744-51	9.5	40
476	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, 1584-98	7.6	52
475	Degradation mechanisms of polyfluorene-based organic semiconductor lasers under ambient and oxygen-free conditions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015 , 53, 1029-1034	2.6	16
474	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
473	Functionalized triazolo-peptoids--a novel class for mitochondrial targeted delivery. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4226-30	3.9	17
472	Photophysical properties and synthesis of new dye-cyclooctyne conjugates for multicolor and advanced microscopy. <i>Bioconjugate Chemistry</i> , 2015 , 26, 718-24	6.3	4
471	Enantioselective adsorption in homochiral metal-organic frameworks: the pore size influence. <i>Chemical Communications</i> , 2015 , 51, 8998-9001	5.8	59
470	Ring-Closing Metathesis of Co ₂ (CO) ₆ -Alkyne Complexes for the Synthesis of 11-Membered Dienedynes: Overcoming Thermodynamic Barriers. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5546-55	4.2	13
469	Hierarchically functionalized magnetic core/multishell particles and their postsynthetic conversion to polymer capsules. <i>ACS Nano</i> , 2015 , 9, 4219-26	16.7	33
468	Synthesis of Oxa-aza- and Bis-oxathiaaza[3.3.3]propellanes from Dicyanomethylene-1,3-indanedione and 2,5-Dithiobiureas. <i>Synthesis</i> , 2015 , 47, 3036-3042	2.9	13
467	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
466	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

465	Monolithic, Crystalline MOF Coating: An Excellent Patterning and Photoresist Material. <i>ChemNanoMat</i> , 2015 , 1, 338-345	3.5	28
464	Application of a novel small scale UV LED photochemical batch reactor for the thiol-yne reaction. <i>RSC Advances</i> , 2015 , 5, 54301-54303	3.7	6
463	Synthesis and post-synthetic modification of amine-, alkyne-, azide- and nitro-functionalized metal-organic frameworks based on DUT-5. <i>Dalton Transactions</i> , 2015 , 44, 16802-9	4.3	35
462	Simple and expedient metal-free CH-functionalization of fluoro-arenes by the BHAS method □ Scope and limitations. <i>Journal of Fluorine Chemistry</i> , 2015 , 179, 102-105	2.1	7
461	A study on the trastuzumab conjugation at tyrosine using diazonium salts. <i>RSC Advances</i> , 2015 , 5, 103506-103511	3.7	11
460	Peptoid-ligated pentadecanuclear yttrium and dysprosium hydroxy clusters. <i>Chemistry - A European Journal</i> , 2015 , 21, 2813-20	4.8	23
459	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
458	Metal-free radical perfluoroalkylation of (hetero)arenes. <i>RSC Advances</i> , 2015 , 5, 6255-6258	3.7	31
457	A Facile Synthesis of Oxoindeno[2,3-b]thiazine and Dioxospiro(indene-2,4'-thiazine) Derivatives from (Substituted ethylidene)hydrazinecarbothioamides. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1201-1209	4.7	2
456	Structural studies and anticancer activity of a novel class of peptides. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 383-9	4.5	13
455	Xanthone dimers: a compound family which is both common and privileged. <i>Natural Product Reports</i> , 2015 , 32, 6-28	15.1	125
454	Peptoid-Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. <i>Chemistry - A European Journal</i> , 2015 , 21, 2713-2713	4.8	2
453	Chemical synthesis and enzymatic, stereoselective hydrolysis of a functionalized dihydropyrimidine for the synthesis of amino acids. <i>AMB Express</i> , 2015 , 5, 85	4.1	4
452	Hydrazoic Acid and Azides 2015 , 1-11		2
451	Stereoselective synthesis of highly functionalized hydroindoles as building blocks for rostratins B-D and synthesis of the pentacyclic core of rostratin C. <i>Chemistry - A European Journal</i> , 2015 , 21, 11219-25	4.8	9
450	Stannylation and Stille Coupling of Base-Sensitive Tetrahydroxanthones to Heteromeric Biaryls. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3303-3308	5.6	4
449	Photoswitchable Adsorption in Metal-Organic Frameworks Based on Polar Guest-Host Interactions. <i>ChemPhysChem</i> , 2015 , 16, 3779-83	3.2	56
448	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

447	Synthesis of New Diketopiperazines, Thiolation to Thiodiketopiperazines, and Examination of Their ROS-Generating Properties. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6858-6871	3.2	3
446	Ruthenium-catalyzed C-H activation of thioxanthenes. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 431-6	2.5	6
445	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
444	Heterocyclisation of substituted ylidenethiocarbonohydrazides using dimethyl acetylenedicarboxylate. <i>Chemical Papers</i> , 2015 , 69,	1.9	7
443	Synthesis of bis-thiazolidin-4-ones from N,N,N'-(1,3-alkanediyl)bis(N'-organylthiourea) derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2015 , 70, 243-248	1	3
442	Synthesis of Non-Symmetrical and Atropisomeric Dibenzo[1,3]diazepines: Pd/CPhos-Catalysed Direct Arylation of Bis-Aryl Amines. <i>Australian Journal of Chemistry</i> , 2015 , 68, 1859	1.2	5
441	Menthols as Chiral Auxiliaries for Asymmetric Cycloadditive Oligomerization: Syntheses and Studies of Proline Hexamers. <i>Organic Letters</i> , 2015 , 17, 6178-81	6.2	11
440	Planar-chiral building blocks for metal-organic frameworks. <i>Chemical Communications</i> , 2015 , 51, 4796-8	5.8	42
439	The Diels-Alder Approach to Δ^9 -Tetrahydrocannabinol Derivatives. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1516-1524	3.2	12
438	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
437	Chapter 11: Coumarins. <i>RSC Drug Discovery Series</i> , 2015 , 287-311	0.6	2
436	Synthesis of Tritium Labelled and Photoactivatable N-Acyl-L-homoserine Lactones: Inter-Kingdom Signalling Molecules. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 592-597	3.2	7
435	Double trouble--the art of synthesis of chiral dimeric natural products. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4524-6	16.4	15
434	Coinage Metal Complexes of Tris(pyrazolyl)methanide-Based Redox-Active Metalloligands. <i>Organometallics</i> , 2014 , 33, 941-951	3.8	25
433	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
432	A Route to Cyclooct-2-ynol and Its Functionalization by Mitsunobu Chemistry. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1280-1286	3.2	2
431	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
430	Solid-supported odorless reagents for the dithioacetalization of aldehydes and ketones. <i>Organic Letters</i> , 2014 , 16, 1036-9	6.2	25

429	Synthesis of Thiazolidin-4-ones from Substituted (Ylidene)hydrazinecarbothioamides and Dimethyl Acetylenedicarboxylate. <i>Journal of Heterocyclic Chemistry</i> , 2014 , 51, 674-682	1.9	10
428	Highly efficient photoluminescent Cu(I)PyrPHOS-metallopolymers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1457	7.1	23
427	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
426	Preparation of supported Pt nanoparticles by supercritical fluid reactive deposition: Influence of precursor, substrate and pressure on product properties. <i>Journal of Supercritical Fluids</i> , 2014 , 95, 588-596	4.2	29
425	A mild method for eliminating alkyl ethers to alkenes. <i>RSC Advances</i> , 2014 , 4, 29439	3.7	0
424	Electrochemical investigation of covalently post-synthetic modified SURGEL coatings. <i>Chemical Communications</i> , 2014 , 50, 11129-31	5.8	21
423	Azaporphine guest-host complexes in solution and gas-phase: evidence for partially filled nanoprisms and exchange reactions. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 6225-32	3.6	3
422	Dendrimer-type peptoid-decorated hexaphenylxylenes and tetraphenylmethanes: synthesis and structure in solution and in the gas phase. <i>Chemistry - A European Journal</i> , 2014 , 20, 16273-8	4.8	10
421	Switchable fluorescence by click reaction of a novel azidocarbazole dye. <i>RSC Advances</i> , 2014 , 4, 11528-11534	3.7	15
420	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
419	Direct Access to 4,5-Disubstituted [2.2]Paracyclophanes by Selective ortho-Halogenation with Pd-Catalyzed C-H Activation. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1287-1295	3.2	17
418	C-H Activation at a Bidentate Ligand Coordinated to Palladium(II) in an Electrophilic Attack Supported by an External Base. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 2618-2624	2.3	6
417	Total Synthesis of Blennolide Mycotoxins: Design, Synthetic Routes and Completion. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4861-4875	3.2	14
416	Cytotoxicity and NMR Studies of Platinum Complexes with Cyclooctadiene Ligands. <i>Organometallics</i> , 2014 , 33, 4027-4034	3.8	29
415	Azides Diazonium Ions Triazenes: Versatile Nitrogen-rich Functional Groups. <i>Australian Journal of Chemistry</i> , 2014 , 67, 328	1.2	63
414	Electrophilic cyclization of aryl diacetylenes in the synthesis of functionalized enediyne fused to a heterocyclic core. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9018-45	4.2	49
413	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
412	Reactions of resin-bound triazenes with dithianylum tetrafluoroborates: efficient synthesis of β -azo ketene dithioacetals and related hydrazones. <i>Organic Letters</i> , 2014 , 16, 1112-5	6.2	11

411	Cell-penetrating peptoids: introduction of novel cationic side chains. <i>European Journal of Medicinal Chemistry</i> , 2014 , 79, 231-43	6.8	24
410	Hexaphenyl-p-xylene: A Rigid Pseudo-Octahedral Core at the Service of Three-Dimensional Porous Frameworks. <i>ChemPlusChem</i> , 2014 , 79, 1176-1182	2.8	8
409	Doppelt genßt hlt besser Die Kunst der Synthese chiraler dimerer Naturstoffe. <i>Angewandte Chemie</i> , 2014 , 126, 4612-4614	3.6	6
408	Reversible Polymers: Tetrakis-(4-thiophenyl)methane: Origin of a Reversible 3D-Homopolymer (Adv. Funct. Mater. 8/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 1184-1184	15.6	1
407	Coregulator control of androgen receptor action by a novel nuclear receptor-binding motif. <i>Journal of Biological Chemistry</i> , 2014 , 289, 8839-51	5.4	36
406	Tetrakis-(4-thiophenyl)methane: Origin of a Reversible 3D-Homopolymer. <i>Advanced Functional Materials</i> , 2014 , 24, 1054-1058	15.6	14
405	Preparation of Aromatic Triazenes and Their Application in Silver-Mediated Perfluoroalkylation Reactions. <i>Synthesis</i> , 2014 , 46, 1448-1454	2.9	2
404	Silver-Mediated Perfluoroalkylation Reactions. <i>Synthesis</i> , 2014 , 46, 1440-1447	2.9	19
403	Reactions of Dimethyl Acetylenedicarboxylate with 2,5-Dithiobiurea Derivatives. <i>Synthesis</i> , 2014 , 46, 3097-3102	2.9	11
402	Preparation of Freestanding Conjugated Microporous Polymer Nanomembranes for Gas Separation. <i>Chemistry of Materials</i> , 2014 , 26, 7189-7193	9.6	104
401	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
400	A Synthetic Route to Sulfobetaine Methacrylates with Varying Charge Distance. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 8064-8071	3.2	10
399	Synthesis and on-demand gelation of multifunctional poly(ethylene glycol)-based polymers. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 780-6	4.8	10
398	Bright opportunities: efficient OLED devices with copper(I)iodide-NHetPHOS-emitters 2014 ,		9
397	Conversion of substrate analogs suggests a Michael cyclization in iridoid biosynthesis. <i>Chemistry and Biology</i> , 2014 , 21, 1452-6		31
396	A novel and facile synthesis of mesoionic 1,2,4-triazolium-3-thiolate derivatives. <i>Tetrahedron Letters</i> , 2014 , 55, 2385-2388	2	8
395	Formation of genotoxic quinones during bisphenol A degradation by TiO ₂ photocatalysis and UV photolysis: A comparative study. <i>Applied Catalysis B: Environmental</i> , 2014 , 160-161, 106-114	21.8	80
394	Naphthoquinone DielsAlder Reactions: Approaches to the ABC Ring System of Beticolin. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2150-2159	3.2	6

393	Asymmetric organocatalytic synthesis of 4,6-bis(1H-indole-3-yl)-piperidine-2 carboxylates. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3265-70	3.9	20
392	A new route to dithia- and thioxacyclooctynes via Nicholas reaction. <i>RSC Advances</i> , 2014 , 4, 15493-15495	3.7	15
391	Influence of perfluorinated end groups on the SFRD of [Pt(cod)Me(C(n)F(2n+1))] onto porous Al(2)O(3) in CO(2) under reductive conditions. <i>Chemistry - A European Journal</i> , 2013 , 19, 12794-9	4.8	24
390	Synthesis and antibacterial activity of 4-aryl-2-(1-substituted ethylidene)thiazoles. <i>Archiv Der Pharmazie</i> , 2013 , 346, 562-70	4.3	21
389	ortho-Perfluoroalkylation and ethoxycarbonyldifluoromethylation of aromatic triazenes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7938-48	4.2	54
388	Click Reactions: Azide-Alkyne Cycloaddition 2013 , 1		3
387	Deuterium and Tritium Labelling of N-Acyl-L-homoserine Lactones (AHLs) by Catalytic Reduction of a Double Bond in the Layer-by-Layer Method. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5323-5330	3.3	6
386	Synthesis of nanostructured Pt/oxide catalyst particles by MOCVD process at ambient pressure. <i>Surface and Coatings Technology</i> , 2013 , 230, 284-289	4.4	16
385	Synthesis and characterization of a 4-nitrophenyl functionalized NHC ligand and its palladium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2013 , 744, 101-107	2.3	9
384	Synthesis of novel inhibitors blocking Wnt signaling downstream of Eatenin. <i>FEBS Letters</i> , 2013 , 587, 522-7	3.8	7
383	Cleavable surfactants to tune the stability of W/O miniemulsions. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 203-9	9.3	1
382	Organopalladium Chemistry 2013 , 777-1000		2
381	Synthetic approaches to polycyclic semiochemicals and their derivatives: combinatorial methods towards phytochemicals. <i>Phytochemistry Reviews</i> , 2013 , 12, 603-651	7.7	2
380	Hydrocyanation and Strecker Reactions 2013 , 873-897		
379	The Directed Ortho Metallation (DoM) Cross-Coupling Nexus. Synthetic Methodology for the Formation of Aryl-Aryl and Aryl-Heteroatom-Aryl Bonds 2013 , 1067-1133		2
378	Palladium-Catalyzed Aromatic Carbon-Nitrogen Bond Formation 2013 , 995-1066		4
377	Cross-Coupling Reactions to sp Carbon Atoms 2013 , 665-762		4
376	Cross-Coupling of Organyl Halides with Alkenes The Heck Reaction 2013 , 533-663		2

375	Heteroleptic, Dinuclear Copper(I) Complexes for Application in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013 , 25, 4471-4486	9.6	191
374	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
373	Small change, big red shift: syntheses, structure and photoluminescence of Cu ₂ Br ₂ (Ph ₃ P) ₂ py ₂ (py = pyridine, 4-vinylpyridine). <i>Inorganic Chemistry Communication</i> , 2013 , 37, 106-109	3.1	11
372	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
371	Novel oligonuclear copper complexes featuring exciting luminescent characteristics 2013 ,		2
370	Alternierende asymmetrische Selbstinduktion in funktionalisierten Pyrrolidin-Oligomeren. <i>Angewandte Chemie</i> , 2013 , 125, 12969-12973	3.6	4
369	Synthesis of CF ₃ -Substituted Olefins by Julia-Kocienski Olefination Using 2-[(2,2,2-Trifluoroethyl)sulfonyl]benzo[d]thiazole as Trifluoromethylation Agent. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7996-8003	3.2	23
368	Alternating asymmetric self-induction in functionalized pyrrolidine oligomers. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12736-40	16.4	19
367	Amphiphilic peptoid transporters--synthesis and evaluation. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 8197-201	3.9	22
366	Roadmap towards N-Heterocyclic [2.2]Paracyclophanes and Their Application in Asymmetric Catalysis. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6108-6123	3.2	11
365	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
364	A radical access to highly functionalized tetrahydroxanthones. <i>Chemistry - A European Journal</i> , 2013 , 19, 10836-9	4.8	10
363	Synthesis and Topological Determination of Hexakis-Substituted 1,4-Ditritylbenzene and Nonakis-Substituted 1,3,5-Trisubstituted Benzene Derivatives: Building Blocks for Higher Supramolecular Assemblies. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 283-299	3.2	12
362	Synthesis of Planar Chiral N-Heterocyclic-Substituted Pyridinophanes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 541-549	3.2	9
361	The acetal concept: regioselective access to ortho,ortho-diphenols via dibenzo-1,3-dioxepines. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 866-9	16.4	41
360	Structural characterization of a peptoid with lysine-like side chains and biological activity using NMR and computational methods. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 640-7	3.9	13
359	Das Acetal-Konzept: regioselektiver Zugang zu ortho,ortho-Diphenolen über Dibenzo-1,3-dioxepine. <i>Angewandte Chemie</i> , 2013 , 125, 899-903	3.6	10
358	[2.2]Paracyclophane-Triazolyl Monophosphane Ligands: Synthesis and Their Copper and Palladium Complexes. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1667-1670	3.2	26

357	Trifluoromethylation of 1-Aryl-3,3-diisopropyltriazenes. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 996-1000	5.6	31
356	The Chemistry of Mycotoxins. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 ,	1.9	27
355	A simple and efficient synthesis of 3-amino-5-benzyl-6-phenylpyridazine-4-carbonitrile. <i>Tetrahedron Letters</i> , 2013 , 54, 2690-2692	2	
354	Enantioselective Organo-SOMO Catalysis: a Novel Activation Mode for Asymmetric Synthesis 2013 , 87-94		3
353	Patulin. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 69-72	1.9	
352	BOX Structures with Additional Coordination Sites: Potential Ligands for Bifunctional Catalysis. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3215-3218	3.2	2
351	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
350	Luminescent cell-penetrating pentadecanuclear lanthanide clusters. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7454-7	16.4	90
349	Rhodamine F: a novel class of fluoruous ponytailed dyes for bioconjugation. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 3954-62	3.9	17
348	Silver-mediated methoxycarbonyltetrafluoroethylation of arenes. <i>Organic Letters</i> , 2013 , 15, 3468-71	6.2	31
347	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
346	Outstanding luminescence from neutral copper(I) complexes with pyridyl-tetrazolate and phosphine ligands. <i>Chemical Communications</i> , 2013 , 49, 6501-3	5.8	135
345	Peptoid-Based Rare-Earth (Group 3 and Lanthanide) Transporters. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2761-2765	3.2	7
344	Photochemical Synthesis of Phenanthridines: Exploring Fluoro and Protected Catechol Substitution. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3847-3856	3.2	14
343	Rediscovering the Double Friedel-Crafts Acylation: An Expedient Entry to Phenanthrene-9,10-diones. <i>Synlett</i> , 2013 , 24, 951-954	2.2	3
342	Resorcylic Acid Lactones. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 91-108	1.9	
341	(Thio)diketopiperazines. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 109-126	1.9	
340	Xanthones. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 153-205	1.9	1

339	Cytochalasans. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 207-223	1.9	0
338	Peptidic Mycotoxins. <i>Progress in the Chemistry of Organic Natural Products</i> , 2013 , 225-231	1.9	
337	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
336	Single and Multiple Additions of Dibenzoylmethane onto Buckminsterfullerene. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7907-7913	3.2	9
335	Soccer goes BOXing: synthetic access to novel [6:0] hexakis[(bisoxazoliny)l)methano]fullerenes. <i>Scientific Reports</i> , 2013 , 3, 2817	4.9	10
334	A Stereoselective Approach to Functionalized Cyclohexenones. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7110-7116	3.2	12
333	Delphinidin is a novel inhibitor of lymphangiogenesis but promotes mammary tumor growth and metastasis formation in syngeneic experimental rats. <i>Carcinogenesis</i> , 2013 , 34, 2804-13	4.6	10
332	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
331	Peptoids and polyamines going sweet: Modular synthesis of glycosylated peptoids and polyamines using click chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 56-63	2.5	20
330	Trinuclear Diamagnetic Nickel(II) Complexes with Bridging 3-Arylpyrazolato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 6049-6059	2.3	6
329	Controlled microstructuring of janus particles based on a multifunctional poly(ethylene glycol). <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1554-9	4.8	12
328	Synthesis of Pt/SiO ₂ Catalyst Nanoparticles from a Continuous Aerosol Process using Novel Cyclo-octadienyplatinum Precursors. <i>Chemical Vapor Deposition</i> , 2013 , 19, 274-283		15
327	Tethering for selective synthesis of 2,2'-biphenols: the acetal method. <i>Chemistry - A European Journal</i> , 2013 , 19, 17827-35	4.8	16
326	A chemical screening procedure for glucocorticoid signaling with a zebrafish larva luciferase reporter system. <i>Journal of Visualized Experiments</i> , 2013 ,	1.6	7
325	Thiourea-catalyzed Diels-Alder reaction of a naphthoquinone monoketal dienophile. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1414-8	2.5	5
324	4-(2-Hydroxy-ethoxy)phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1303-4		
323	Nucleophilic ring-opening reaction of benzoxazinones—Access to o-amino-2,2,2-trifluoroacetophenones. <i>Tetrahedron Letters</i> , 2012 , 53, 388-391	2	16
322	Biocatalytic production of tetrahydroisoquinolines. <i>Tetrahedron Letters</i> , 2012 , 53, 1071-1074	2	83

321	Formation of dioxospiroindene[1,3]thiazine and thioxoindeno[2,1-d]imidazolone derivatives from alkenylidene-hydrazinecarbothioamides. <i>Chemical Papers</i> , 2012 , 66,	1.9	7
320	Emotional regulation of fertility decision making: what is the nature and structure of "baby fever"? <i>Emotion</i> , 2012 , 12, 1141-54	4.1	18
319	6.14 C-N Bond Formation: α -Amination and α -Hydrazination of Carbonyl Compounds with DEAD and Related Compounds 2012 , 374-398		1
318	Synthesis of tetra-substituted pyrazoles. <i>Tetrahedron</i> , 2012 , 68, 8823-8829	2.4	8
317	Solution-phase synthesis of branched DNA hybrids via H-phosphonate dimers. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2718-28	4.2	27
316	Structure revision of plakotenin based on computational investigation of transition states and spectroscopic properties. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2154-60	16.4	8
315	Thiolation of symmetrical and unsymmetrical diketopiperazines. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 935-40	3.9	15
314	Paracyclophanes in Action: Asymmetric Catalytic Dialkylzinc Addition to Imines Using [2.2]Paracyclophane-based N,O-Ligands as Catalysts. <i>Israel Journal of Chemistry</i> , 2012 , 52, 139-142	3.4	1
313	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
312	The plakotenins: biomimetic Diels-Alder reactions, total synthesis, structural investigations, and chemical biology. <i>Chemistry - A European Journal</i> , 2012 , 18, 15004-20	4.8	4
311	Synthesis of Functionalized Glutamine- and Asparagine-Type Peptoids Scope and Limitations. <i>Helvetica Chimica Acta</i> , 2012 , 95, 2237-2248	2	4
310	Novel Synthesis of Pyrazolyloxothiazolidine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 1380-1385	4.3	59
309	HR-HSBC: Measuring heteronuclear one-bond couplings with enhanced resolution. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50 Suppl 1, S58-62	2.1	6
308	Twice tied tight: Enforcing conformational order in bicyclic peptoid oligomers. <i>Chemical Science</i> , 2012 , 3, 2726	9.4	29
307	Interkingdom signaling: integration, conformation, and orientation of N-acyl-L-homoserine lactones in supported lipid bilayers. <i>Langmuir</i> , 2012 , 28, 8456-62	4	25
306	Recent developments in the field of oxa-Michael reactions. <i>Chemical Society Reviews</i> , 2012 , 41, 988-99	58.5	329
305	Xanthonones from fungi, lichens, and bacteria: the natural products and their synthesis. <i>Chemical Reviews</i> , 2012 , 112, 3717-76	68.1	289
304	7-Alkyl-3-benzylcoumarins: a versatile scaffold for the development of potent and selective cannabinoid receptor agonists and antagonists. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 7967-77	8.3	28

303	Lewis Acid Promoted Double Bond Isomerization of Tetrahydroxanthenes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6455-6459	3.2	10
302	Händigkeit Leben in einer chiralen Welt. <i>Chemie in Unserer Zeit</i> , 2012 , 46, 294-301	0.2	
301	Electrophilic Cyclization and Ring-Closing Metathesis as Key Steps in the Synthesis of a 12-Membered Cyclic Eneidyne. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5660-5664	3.2	10
300	Modular Synthesis of Planar-Chiral para-Substituted Paracyclophanes by Double Suzuki Coupling. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 6132-6135	3.2	12
299	Heck Cleavage of Resin-Bound Triazenes 2012 , 129-137		1
298	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
297	Highly enantioselective access to cannabinoid-type tricycles by organocatalytic Diels-Alder reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 1385-92	2.5	4
296	Synthesis of (E)-2,5-disubstituted 1,3,4-thiadiazolyl-2,3-diphenylpropenones from alkenylidene-hydrazinecarbothioamides. <i>Tetrahedron</i> , 2012 , 68, 8487-8492	2.4	10
295	Auto-catalysed crosslinking for next-generation OLED-design. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20786		51
294	Killing double bonds softly: the reduction of polymer-bound alkenes. <i>RSC Advances</i> , 2012 , 2, 11273	3.7	2
293	Azides 2012 , 1		
292	Synthesis of diverse indole libraries on polystyrene resin - Scope and limitations of an organometallic reaction on solid supports. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 1191-9	2.5	13
291	Photochemistry with laser radiation in condensed phase using miniaturized photoreactors. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 1213-8	2.5	22
290	Combining modular ligation and supramolecular self-assembly for the construction of star-shaped macromolecules. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 977-83	4.8	18
289	Synthesis of 4-Hydroxy-5-methyl- and 4-Hydroxy-6-methylcyclohexenones by PdII-Catalyzed Oxidation and Lipase-Catalyzed Hydrolysis. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5373-5380	3.2	4
288	Functional Paracyclophanes: Synthesis of [2.2]Paracyclophanemethyldithiocarbonates Using Thione-Thiol Rearrangement of S,O-Dithiocarbonates (Benzyl Schöberg Rearrangement) at Mild Conditions. <i>Israel Journal of Chemistry</i> , 2012 , 52, 143-148	3.4	3
287	Ortho-Trifluormethylierung funktionalisierter aromatischer Triazene. <i>Angewandte Chemie</i> , 2012 , 124, 3773-3775	3.6	70
286	Neue Katalysatoren für Übergangsmetall-katalysierte Aziridin-Synthesen. <i>Angewandte Chemie</i> , 2012 , 124, 5632-5634	3.6	21

285	Ortho-trifluoromethylation of functionalized aromatic triazenes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3713-5	16.4	178
284	New catalysts for the transition-metal-catalyzed synthesis of aziridines. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5538-40	16.4	67
283	Theoretical approach towards the understanding of asymmetric additions of dialkylzinc to enals and iminals catalysed by [2.2]paracyclophane-based N,O-ligands. <i>Chemistry - A European Journal</i> , 2012 , 18, 8377-85	4.8	10
282	Secretome protein enrichment identifies physiological BACE1 protease substrates in neurons. <i>EMBO Journal</i> , 2012 , 31, 3157-68	13	236
281	Deuterium-labelled N-acyl-L-homoserine lactones (AHLs)--inter-kingdom signalling molecules--synthesis, structural studies, and interactions with model lipid membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 473-82	4.4	10
280	Cell Penetrating Peptoids (CPPos): Synthesis of a Small Combinatorial Library by Using IRORI MiniKans. <i>Pharmaceuticals</i> , 2012 , 5, 1265-81	5.2	24
279	Continuously tunable solution-processed organic semiconductor DFB lasers pumped by laser diode. <i>Optics Express</i> , 2012 , 20, 6357-64	3.3	70
278	Open borders for system-on-a-chip buses: A wire format for connecting large physics controls. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2012 , 15,		1
277	Di-Iodido-bis-{[(R)-(+)-2,2'-bis-(di-phenyl-phosphan-yl)-1,1'-binaphthyl-(2)P,P']copper(I)} 0.67-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m466-7		5
276	ortho-Bromo(propa-1,2-dien-1-yl)arenes: substrates for domino reactions. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9060-7	4.2	22
275	Organische Chemie 2010. <i>Nachrichten Aus Der Chemie</i> , 2011 , 59, 254-283	0.1	
274	Synthesis of phenanthridine derivatives via photolysis. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9127-32	4.2	65
273	Bioconjugation via azide-Staudinger ligation: an overview. <i>Chemical Society Reviews</i> , 2011 , 40, 4840-71	58.5	232
272	Experimental and Theoretical Study of Novel Luminescent Di-, Tri-, and Tetranuclear Copper Triazole Complexes. <i>Organometallics</i> , 2011 , 30, 3275-3283	3.8	65
271	Synthetic studies towards marmycins A and B: development of the vinylogous aldol-aza-Michael domino reaction. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3136-8	3.9	6
270	Click chemistry produces hyper-cross-linked polymers with tetrahedral cores. <i>New Journal of Chemistry</i> , 2011 , 35, 1577	3.6	47
269	Photophysical properties of fluorescently-labeled peptoids. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4457-65	6.8	14
268	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

267	Synthesis of novel spiro(indolone-3,2?-[1,3,4]thiadiazol)-2-ones and evaluation of their antidepressant and anticonvulsant activities. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 1050-1055	1.9	12
266	Highly Active and Diastereoselective N,O- and N,N-Yttrium Complexes for Intramolecular Hydroamination. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1384-1390	5.6	17
265	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
264	Improved One-Pot Synthesis of C3-Symmetric ClickPhos and Related Ligands: Structures of Unique TriazoleZinc Complexes. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1432-1437	3.2	27
263	Fourfold SuzukiMiyaura and Sonogashira Cross-Coupling Reactions on Tetrahedral Methane and Adamantane Derivatives. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1743-1754	3.2	23
262	A Combined Vinylogous Mannich/DielsAlder Approach for the Stereoselective Synthesis of Highly Functionalized Hexahydroindoles. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6558-6566	3.2	14
261	Branched DNA That Forms a Solid at 95 °C. <i>Angewandte Chemie</i> , 2011 , 123, 3285-3289	3.6	20
260	Festphasensynthese trifluormethylierter Arene. <i>Angewandte Chemie</i> , 2011 , 123, 11737-11739	3.6	11
259	Klick-Chemie findet ihren Weg in kovalente poröse organische Materialien. <i>Angewandte Chemie</i> , 2011 , 123, 12046-12047	3.6	19
258	Branched DNA that forms a solid at 95 °C. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3227-31	16.4	63
257	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
256	Traceless solid-phase synthesis of trifluoromethylarenes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11533-5	16.4	25
255	Click chemistry finds its way into covalent porous organic materials. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11844-5	16.4	78
254	Investigating rhodamine B-labeled peptoids: scopes and limitations of its applications. <i>Biopolymers</i> , 2011 , 96, 694-701	2.2	30
253	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
252	Solid phase synthesis of selectively deuterated arenes. <i>Chemical Communications</i> , 2011 , 47, 9063-5	5.8	22
251	Versatile solid-phase synthesis of chromenes resembling classical cannabinoids. <i>ACS Combinatorial Science</i> , 2011 , 13, 554-61	3.9	10
250	Genetic algorithm density functional theory study of crown etherZibenzylammonium [2]pseudorotaxanes. <i>Computational and Theoretical Chemistry</i> , 2011 , 966, 186-193	2	5

249	Electrophilic Cyclization of Buta-1,3-diynylarenes: Synthesis of Precursors of (Z)-3-Ene-1,5-diyne Systems Fused to Heterocycles. <i>Synlett</i> , 2011 , 2011, 517-520	2.2	4
248	Catalytic Synthesis of Coumarins via Direct Annulations of β,β -Unsaturated Aldehydes and Salicylaldehydes. <i>Synlett</i> , 2011 , 2011, 635-638	2.2	4
247	On the Way to Study the Uptake Mechanisms of Cell Penetrating Peptoids by Single-Molecule Methods. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2011 , 373-373	0.2	
246	The Domino Oxa-Michael-Aldol-Reaction Reinvestigated: A New P-Based Organocatalyst for Xanthenone Scaffolds. <i>Synlett</i> , 2010 , 2010, 128-130	2.2	3
245	Synthesis of Spiro(indenepyrzole) and Indenotriazinone Derivatives from 4-substituted Thiosemicarbazides and (1,3-dioxo-2,3-dihydro-1H-Inden-2-Ylidene)Propanedinitrile. <i>Journal of Chemical Research</i> , 2010 , 34, 493-497	0.6	4
244	Organische Chemie 2009. <i>Nachrichten Aus Der Chemie</i> , 2010 , 58, 267-299	0.1	1
243	Well-defined star shaped polymer-fullerene hybrids via click chemistry. <i>Soft Matter</i> , 2010 , 6, 82-84	3.6	44
242	Porous Polymer Networks: Synthesis, Porosity, and Applications in Gas Storage/Separation. <i>Chemistry of Materials</i> , 2010 , 22, 5964-5972	9.6	466
241	Novel pyridinium dyes that enable investigations of peptoids at the single-molecule level. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 13473-80	3.4	18
240	NMR-spectroscopic and solid-state investigations of cometal-free asymmetric conjugate addition: a dinuclear paracyclophaneimine zinc methyl complex. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12899-905	16.4	28
239	Improved synthesis of enantiopure 4-hydroxy[2.2]paracyclophane. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4612-4	4.2	35
238	Synthesis of methoxyfumimycin with 1,2-addition to ketimines. <i>Journal of Organic Chemistry</i> , 2010 , 75, 229-32	4.2	17
237	Asymmetric total synthesis of (+)-fumimycin via 1,2-addition to ketimines. <i>Chemical Communications</i> , 2010 , 46, 9215-7	5.8	18
236	Enantioselective total synthesis of plakotenin, a cytotoxic metabolite from Plakortis sp. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3300-6	3.9	14
235	Asymmetric synthesis of deuterated and fluorinated aromatic β,β -disubstituted amino acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1341-1349		14
234	Novel 2,5-Disubstituted 1,3-Dioxanes and Oxazolidines as Potential Chemoprevention Agents and Building Blocks for Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 3837-3846	3.2	2
233	Use of Nanoparticles to Study and Manipulate Plant cells. <i>Advanced Engineering Materials</i> , 2010 , 12, B406-B412	9.5	16
232	Multi-Gram Synthesis of a Hyaluronic Acid Subunit and Synthesis of Fully Protected Oligomers. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2657-2662	5.6	14

231	Expedient Trimethylaluminium-Promoted One-Pot Synthesis of Functional Heteroaromatic and Carbocyclic Trifluoroethylamines. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2815-2824	5.6	3
230	The total synthesis of (-)-fumimycin. <i>Chemistry - A European Journal</i> , 2010 , 16, 12660-7	4.8	28
229	A unified strategy targeting the thiodiketopiperazine mycotoxins exserohilone, gliotoxin, the epicoccins, the epicorazines, rostratin A and aranotin. <i>Chemistry - A European Journal</i> , 2010 , 16, 11624-34	4.8	34
228	Synthese von Fluorarenen in flüssiger und an fester Phase unter Verwendung eines fluorierten Lösungsmittels. <i>Angewandte Chemie</i> , 2010 , 122, 6122-6125	3.6	27
227	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
226	Asymmetric synthesis of chiral tectons with tetrapodal symmetry: fourfold asymmetric reactions. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1474-1479		9
225	Functionalization of Highly Oxygenated Xanthenes: Unexpected Stereochemistry and Rearrangements. <i>Synlett</i> , 2009 , 2009, 3187-3191	2.2	3
224	Thieme Chemistry Journal Awardees - Where Are They Now? Microwave-Assisted Rhodium-Catalyzed Decarbonylation of Functionalized 3-Formyl-2H-chromenes: A Sequence for Functionalized Chromenes like Deoxycordiachromene. <i>Synlett</i> , 2009 , 2009, 1383-1386	2.2	6
223	Thieme Chemistry Journal Awardees- Where are They Now? An Asymmetric Organocatalytic Sequence towards 4a-Methyl Tetrahydroxanthenes: Formal Synthesis of 4-Dehydroxydiversonol. <i>Synlett</i> , 2009 , 2009, 550-553	2.2	6
222	Use of the Chiral Pool [Practical Asymmetric Organocatalytic Strecker Reaction with Quinine. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1019-1024	5.6	42
221	Di- and dodeca-Mitsunobu reactions on C60 derivatives: post-functionalization of fullerene mono- and hexakis-adducts. <i>Chemistry - A European Journal</i> , 2009 , 15, 11458-60	4.8	29
220	Two base pair duplexes suffice to build a novel material. <i>ChemBioChem</i> , 2009 , 10, 1335-9	3.8	58
219	Passage of Trojan peptoids into plant cells. <i>ChemBioChem</i> , 2009 , 10, 2504-12	3.8	38
218	Synthesis of Natural Products on Solid Phases via Copper-Mediated Coupling: Synthesis of the Aristogin Family, Spiraformin A, and Hernandial. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4494-4502	2.2	17
217	Probing the Oxidation of Functionalized (Hexahydro)xanthenols. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5576-5586	3.2	11
216	Facile synthesis and spectroscopic elucidation of 4,11-bis(dehydroxy)-bipolaroamide. <i>Journal of Molecular Structure</i> , 2009 , 921, 85-88	3.4	6
215	Synthesis of 4-, 5-, 6-, and 7-Azidotryptamines. <i>Tetrahedron Letters</i> , 2009 , 50, 75-76	2	17
214	Efficient synthesis of substituted 3-acyl-3,4-dihydrobenzo[d][1,2,3]triazines. <i>Tetrahedron Letters</i> , 2009 , 50, 3439-3442	2	8

213	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
212	Solid-phase organic synthesis of difluoroalkyl entities using a novel fluorinating cleavage strategy: part 1. Linker development: scope and limitations. <i>ACS Combinatorial Science</i> , 2009 , 11, 960-81		9
211	Diaryl ether and diaryl thioether syntheses on solid supports via copper (I)-mediated coupling. <i>ACS Combinatorial Science</i> , 2009 , 11, 47-71		21
210	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
209	Towards an asymmetric synthesis of the bacterial peptide deformylase (PDF) inhibitor fumimycin. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 5059-62	3-9	17
208	Enantioselective intramolecular Friedel-Crafts-type alpha-arylation of aldehydes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2086-7	16.4	163
207	Organische Chemie 2008. <i>Nachrichten Aus Der Chemie</i> , 2009 , 57, 252-277	0.1	1
206	Chiral cooperativity and solvent-induced tautomerism effects in electronic circular dichroism spectra of [2.2]paracyclophane ketimines. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 6987-93	2.8	11
205	Functionalization of hexakis methanofullerene malonate crown-ethers: promising octahedral building blocks for molecular networks. <i>Chemical Communications</i> , 2009 , 1748-50	5.8	59
204	Chemistry and biology of mycotoxins and related fungal metabolites. <i>Chemical Reviews</i> , 2009 , 109, 3903-901	3601	414
203	Solid-phase organic synthesis of difluoroalkyl entities using a novel fluorinating cleavage strategy: part 2. Synthesis of three small gem-difluorinated compound libraries using a dithiane linker. <i>ACS Combinatorial Science</i> , 2009 , 11, 982-1006		7
202	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
201	Solid-phase synthesis of biologically active benzoannelated nitrogen heterocycles: an update. <i>ACS Combinatorial Science</i> , 2009 , 11, 175-97		125
200	Stereoselective synthesis of the epicoccin core. <i>Organic Letters</i> , 2009 , 11, 4740-2	6.2	24
199	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
198	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
197	Cycloaddition Reactions of Azides Including Bioconjugation 2008 , 45-115		8
196	1,2-Addition of trialkylaluminium reagents to N-diphenylphosphinoylketimines in the absence of any additional reagents. <i>Chemical Communications</i> , 2008 , 105-7	5.8	12

195	Systematic Study of a Solvent-Free Mechanochemically Induced Domino Oxa-Michael-Aldol Reaction in a Ball Mill. <i>Synlett</i> , 2008 , 2008, 2702-2704	2.2	6
194	Synthesis of Hexahydroindole Carboxylic Acids by Intramolecular Diels-Alder Reaction. <i>Synlett</i> , 2008 , 2008, 589-591	2.2	3
193	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
192	Co-metal-free enantioselective conjugate addition reactions of zinc reagents. <i>Chemistry - A European Journal</i> , 2008 , 14, 11539-56	4.8	25
191	Metallkomplexe [Katalysatoren in der organischen Synthese und Grundstein für optische Materialien der Zukunft?]. <i>Chemie-Ingenieur-Technik</i> , 2008 , 80, 1267-1267	0.8	
190	Einschluss von Cyclodextrin durch kombinierte Dispergierung und Reagglomeration nanoskaliger Partikel. <i>Chemie-Ingenieur-Technik</i> , 2008 , 80, 1539-1543	0.8	1
189	Conjugation of spermine facilitates cellular uptake and enhances antitumor and antibiotic properties of highly lipophilic porphyrins. <i>ChemMedChem</i> , 2008 , 3, 1185-8	3.7	16
188	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
187	1-Aryl-3,3-diisopropyltriazenes: An Easily Accessible and Particularly Stable Class of Triazenes Towards Strong Basic and Lewis Acid Conditions. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 3314-3327	3.2	10
186	Microwave-Assisted Stereoselective One-Pot Synthesis of Symmetrical and Unsymmetrical 2,5-Diketopiperazines from Unprotected Amino Acids. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5418-5424	3.2	39
185	Fluorinating cleavage of solid phase linkers for combinatorial synthesis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8120-2	16.4	10
184	Highlights in steroid chemistry: total synthesis versus semisynthesis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9389-91	16.4	50
183	Ein fluorierend spaltbarer Linker für die kombinatorische Festphasensynthese. <i>Angewandte Chemie</i> , 2008 , 120, 8240-8242	3.6	8
182	Highlights der Steroidchemie: chemische Totalsynthese versus Semisynthese. <i>Angewandte Chemie</i> , 2008 , 120, 9529-9531	3.6	12
181	Non-ATP competitive glycogen synthase kinase 3 β (GSK-3 β) inhibitors: study of structural requirements for thiadiazolidinone derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 495-510	3.4	53
180	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
179	Stable organic azides based on rigid tetrahedral methane and adamantane structures as high energetic materials. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 3586-8	3.9	16
178	Palladium-Catalyzed Coupling of Organyl Halides to Alkenes [the Heck Reaction 2007 , 98-166		1

177	Solid Phase Organometallic Chemistry 2007 , 89-134		20
176	Enantioselective catalytic syntheses of alpha-branched chiral amines. <i>Chemical Communications</i> , 2007 , 1881-90	5.8	35
175	Solid Phase Chemistry for the Directed Synthesis of Biologically Active Polyamine Analogs, Derivatives, and Conjugates 2007 , 135-208		10
174	The Proline-Catalyzed Asymmetric Amination of Branched Aldehydes. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 266-282	3.2	58
173	Synthesis of 3-Alkylcoumarins from Salicylaldehydes and α,β -Unsaturated Aldehydes Utilizing Nucleophilic Carbenes: A New Umpoled Domino Reaction. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 943-952	3.2	23
172	Probing Biology with Small Molecule Microarrays (SMM). <i>Topics in Current Chemistry</i> , 2007 , 311-342		17
171	Multifunctional Linkers for Combinatorial Solid Phase Synthesis 2007 , 1-88		18
170	One-Pot Synthesis of Symmetrical and Unsymmetrical Diketopiperazines from Unprotected Amino Acids. <i>Synlett</i> , 2007 , 2007, 2127-2129	2.2	2
169	The Double Oxa-Michael-Aldol Condensation: Straightforward Access to Dimeric Tetrahydroxanthenones. <i>Synlett</i> , 2007 , 2007, 2987-2990	2.2	4
168	Automated Solid Phase Oligosaccharide Synthesis. <i>Topics in Current Chemistry</i> , 2007 , 289-309		11
167	A Versatile Access to Enantiomerically Pure 5-Substituted 4-Hydroxycyclohex-2-enones: An Advanced Hemisecalonic Acid A Model. <i>Synthesis</i> , 2007 , 2007, 2175-2185	2.9	5
166	Combinatorial Solid-Phase Natural Product Chemistry 2007 , 209-241		18
165	Multiple Peptide Synthesis to Identify Bioactive Hormone Structures 2007 , 243-288		3
164	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
163	A new azide staining reagent based on "click chemistry". <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2767-9	3.9	7
162	Hartwig-Buchwald amination on solid supports: a novel access to a diverse set of 1H-benzotriazoles. <i>ACS Combinatorial Science</i> , 2007 , 9, 1114-37		25
161	Chemoselective reduction of nitroarenes in the presence of acid-sensitive functional groups: solid-phase syntheses of amino aryl azides and benzotriazoles. <i>ACS Combinatorial Science</i> , 2007 , 9, 200-3		16
160	Diastereoselective synthesis of highly functionalized tetrahydroxanthenols--unprecedented access to privileged structural motifs. <i>Chemistry - A European Journal</i> , 2006 , 12, 3647-54	4.8	25

159	Nitrogen Functionalities in Palladium-Catalyzed Reactions on Solid Supports: A Case Study. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1886-1898	3.2	26
158	The Domino Oxa-Michael Addition/Aldol Reaction: Access to Variably Substituted Tetrahydroxanthenones. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1535-1546	3.2	28
157	Direct Asymmetric β -Sulfamidation of β -Branched Aldehydes: A Novel Approach to Enamine Catalysis. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 5315-5338	3.2	25
156	A Formal Total Synthesis of Virantmycin: A Modular Approach towards Tetrahydroquinoline Natural Products. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4916-4923	3.2	29
155	Die Totalsynthese des Pilzmetaboliten Diversonol. <i>Angewandte Chemie</i> , 2006 , 118, 313-315	3.6	21
154	Planar- and Central-Chiral N,O-[2.2]Paracyclophane Ligands: Non-Linear-Like Effects and Activity. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 443-448	5.6	20
153	Second-Generation N,O-[2.2]Paracyclophane Ketimine Ligands for the Alkenylzinc Addition to Aliphatic and Aromatic Aldehydes: Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2068-2074	5.6	36
152	An Efficient Synthesis of a Lycobetaine-Tortuosine Analogue: A Potent Topoisomerase Inhibitor. <i>Synlett</i> , 2006 , 2006, 3461-3463	2.2	2
151	Enantiotopic Desymmetrization of a Cyclic endo-Peroxide by Asymmetric Dialkylzinc Addition. <i>Synlett</i> , 2006 , 2006, 2119-2123	2.2	6
150	A Stereoselective Suzuki Cross-Coupling Strategy for the Synthesis of Ethyl-Substituted Conjugated Dienoic Esters and Conjugated Dienones. <i>Synlett</i> , 2006 , 2006, 3457-3460	2.2	3
149	Synthesis of a versatile multifunctional building block for the construction of polyketide natural products containing ethyl side-chains. <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 3574-5	3.9	3
148	Sulfamidation of 2-arylaldehydes and ketones with chloramine-T. <i>Organic Letters</i> , 2006 , 8, 3797-800	6.2	31
147	Desymmetrisation of bicyclo[4.4.0]decadienes: A planar-chiral complex proved to be most effective in an asymmetric Heck reaction. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2159-2161	2.3	20
146	Synthesis of novel planar-chiral [2.2]paracyclophane derivatives as potential ligands for asymmetric catalysis. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2171-2181	2.3	22
145	Automated synthesis of heterocycles on solid supports. <i>Current Opinion in Drug Discovery & Development</i> , 2006 , 9, 713-28		
144	The total synthesis of the fungal metabolite diversonol. <i>Angewandte Chemie - International Edition</i> , 2005 , 45, 307-9	16.4	73
143	The recent impact of solid-phase synthesis on medicinally relevant benzoannelated oxygen heterocycles. <i>ACS Combinatorial Science</i> , 2005 , 7, 147-69		102
142	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

141	Syntheses of 5-Oxa-10,11-diazadibenzo[a,d]cycloheptenes on solid supports. <i>ACS Combinatorial Science</i> , 2005 , 7, 799-801		8
140	Organic Synthesis on Polymeric Supports 2005 , 137-199		1
139	Polymer-bound diazonium salts for the synthesis of diazoacetic esters. <i>Tetrahedron</i> , 2005 , 61, 12186-12192		19
138	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
137	Efficient solid phase synthesis of benzo[1,2,3]thiadiazoles and related structures. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 1835-7	3.9	20
136	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
135	Organic azides: an exploding diversity of a unique class of compounds. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5188-240	16.4	1648
134	Asymmetric conjugate addition of organozinc compounds to alpha,beta-unsaturated aldehydes and ketones with [2.2]paracyclophane ketimine ligands without added copper salts. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7879-81	16.4	54
133	Organische Azide [Explodierende Vielfalt bei einer einzigartigen Substanzklasse. <i>Angewandte Chemie</i> , 2005 , 117, 5320-5374	3.6	342
132	Asymmetrische konjugierte Addition von Organozinkverbindungen an alpha,beta-ungesättigte Aldehyde und Ketone mit [2.2]Paracyclophaneketimin-Liganden ohne Zusatz von Kupfersalzen. <i>Angewandte Chemie</i> , 2005 , 117, 8091-8093	3.6	14
131	Highly Stereoselective Synthesis of Novel Multistereogenic Bis-Bifunctional Ligands Based on [2.2]Paracyclophane- 4,7-quinone, their Structure Elucidation and Application in Asymmetric Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 129-135	5.6	13
130	Base-Catalyzed Condensation of 2-Hydroxybenzaldehydes with alpha,beta-Unsaturated Aldehydes [Scope and Limitations. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 555-562	5.6	62
129	Efficient Synthesis of Lactate-Containing Dipeptides by the Mitsunobu Reaction of Lactates. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 1765-1768	5.6	5
128	A General and Efficient Method for the Synthesis of Silyl-Protected Arenethiols from Aryl Halides or Triflates. <i>Advanced Synthesis and Catalysis</i> , 2005 , 347, 313-319	5.6	37
127	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
126	Structurally diverse second-generation [2.2]paracyclophane ketimines with planar and central chirality: syntheses, structural determination, and evaluation for asymmetric catalysis. <i>Chemistry - A European Journal</i> , 2005 , 11, 4509-25	4.8	25
125	Diastereoselective Hartwig-Buchwald reaction of chiral amines with rac-[2.2]paracyclophane derivatives. <i>Chemistry - A European Journal</i> , 2005 , 11, 7387-94	4.8	32
124	The Diels-Alder Approach towards Cannabinoids. <i>Synthesis</i> , 2005 , 2005, 1888-1900	2.9	7

123	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
122	A new protocol for the one-pot synthesis of symmetrical biaryls. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6830-3	4.2	99
121	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
120	A short, atom-economical entry to tetrahydroxanthenones. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 115-8	16.4	127
119	Second-Generation Paracyclophane Imine Ligands for the Dialkylzinc Addition to Aldehydes. Optimization of the Branched Side Chain leads to Improvement for Aliphatic Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 755-759	5.6	20
118	Ein kurzer, atomökonomischer Zugang zu Tetrahydroxanthenonen. <i>Angewandte Chemie</i> , 2004 , 116, 118-120	3.0	35
117	The structural influence in the stability of polymer-bound diazonium salts. <i>Chemistry - A European Journal</i> , 2004 , 10, 5285-96	4.8	11
116	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
115	Efficient synthesis of highly substituted diaryl ethers on solid supports using the Ullmann reaction. <i>ACS Combinatorial Science</i> , 2004 , 6, 460-3		22
114	Linkers for Solid-Phase Synthesis 2004 , 59-169		3
113	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
112	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. <i>Organometallics</i> , 2004 , 23, 2234-2237	3.8	156
111	Solid-phase synthesis of 5-biphenyl-2-yl-1H-tetrazoles. <i>Organic Letters</i> , 2004 , 6, 1143-6	6.2	29
110	Synthesis of Aryl Azides via Post-Cleavage Modification of Polymer-Bound Triazenes. <i>Synlett</i> , 2004 , 2004, 1163-1166	2.2	5
109	The synthesis of 3-substituted 6-aryl-3 H-benzo[a][1,2,3]triazinones using polymer-bound triazenes. <i>ACS Combinatorial Science</i> , 2004 , 6, 38-42		31
108	CombiChem at Bayer CropScience: What We Have Learned, Exemplified by Recent Chemistries. <i>ACS Symposium Series</i> , 2004 , 74-86	0.4	
107	Planar-chiral salen and hemisalen [2.2]paracyclophane ligands for asymmetric diethylzinc addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 223-229		31
106	Organische Chemie 2003. <i>Nachrichten Aus Der Chemie</i> , 2004 , 52, 267-291	0.1	

105	Linkers for Solid-Phase Synthesis 2004 , 447-484		2
104	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
103	Palladium-catalysed reactions in solid phase organic synthesis. <i>Tetrahedron</i> , 2003 , 59, 885-939	2.4	134
102	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
101	Novel chiral tridentate Schiff base ligands of the [2.2]paracyclophane series: synthesis and application. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2013-2019		41
100	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
99	Multifunctional linkers as an efficient tool for the synthesis of diverse small molecule libraries: the triazene anchors. <i>Methods in Enzymology</i> , 2003 , 369, 127-50	1.7	12
98	Bartoli indole synthesis on solid supports. <i>Organic Letters</i> , 2003 , 5, 2829-32	6.2	49
97	Efficient synthesis of sulfonic, phosphoric, and phosphinic esters employing alkylating polymer-bound reagents. <i>ACS Combinatorial Science</i> , 2003 , 5, 138-44		10
96	Natural product-like and other biologically active heterocyclic libraries using solid-phase techniques in the post-genomic era. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2003 , 6, 673-91	1.3	16
95	Asymmetric, Catalytic Phenyl Transfer to Imines: Highly Enantioselective Synthesis of Diarylmethylamines. <i>Angewandte Chemie</i> , 2002 , 114, 3844-3846	3.6	52
94	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
93	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
92	Polymer-bound 1-aryl-3-alkyltriazenes as modular ligands for catalysis. Part 2: screening immobilized metal complexes for catalytic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1849-51	2.9	19
91	The recent impact of solid-phase synthesis on medicinally relevant benzoannelated nitrogen heterocycles. <i>Bioorganic and Medicinal Chemistry</i> , 2002 , 10, 2415-37	3.4	250
90	Investigations on the thermal stability of a diazonium ion on solid support. <i>Polymer Degradation and Stability</i> , 2002 , 75, 329-335	4.7	6
89	Polymer-bound 1-aryl-3-alkyltriazenes as modular ligands for catalysis. Part 1: synthesis and metal coordination. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1845-8	2.9	13
88	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

87	The Base-Induced Fragmentation of N,N-Dibenzyl-N'-aryltriazenes. <i>Synlett</i> , 2002 , 2002, 0915-0918	2.2	10
86	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
85	Solid supported fluoronitroaryl triazenes as immobilized and convertible Sanger reagents--synthesis and SNAr reactions towards a novel preparation of 1-alkyl-5-nitro-1H-benzotriazoles. <i>Chemical Communications</i> , 2002 , 1296-7	5.8	19
84	Organische Chemie 2000. <i>Nachrichten Aus Der Chemie</i> , 2001 , 49, 296-320	0.1	
83	Synthesis of alkyl sulfonates from sulfonic acids or sodium sulfonates using solid-phase bound reagents. <i>Tetrahedron Letters</i> , 2001 , 42, 7833-7836	2	24
82	Cleavage of immobilized disubstituted triazenes with electrophiles: solid-phase synthesis of alkyl halides and esters. <i>Tetrahedron Letters</i> , 2001 , 42, 9179-9181	2	22
81	Preparation of planar chiral amino phenols based on the [2.2]paracyclophane backbone. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 2845-2850		12
80	Application of triazenes for protection of secondary amines. <i>Tetrahedron</i> , 2001 , 57, 5825-5832	2.4	34
79	Combinatorial Methods for the Discovery and Optimisation of Homogeneous Catalysts. <i>Synthesis</i> , 2001 , 2001, 1431	2.9	29
78	[2,2]paracyclophane-based N,O-ligands in alkenylzinc additions to aldehydes. <i>Organic Letters</i> , 2001 , 3, 4119-22	6.2	69
77	A Novel Hydrazine Linker Resin and Its Application for the Solid-Phase Synthesis of alpha-Branched Primary Amines. <i>ACS Combinatorial Science</i> , 2001 , 3, 71-77		22
76	Das erste stabile Diazoniumion an der festen Phase [Untersuchungen zur Stabilität und Verwendung als Linker und Abfangreagens in der Festphasenchemie. <i>Angewandte Chemie</i> , 2000 , 112, 3827-3830	3.6	10
75	Traceless linkers--only disappearing links in solid-phase organic synthesis?. <i>Chemistry - A European Journal</i> , 2000 , 6, 1899-905	4.8	77
74	The First Stable Diazonium Ion on Solid Support [Investigations on Stability and Usage as Linker and Scavenger in Solid-Phase Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3681-3683	16.4	38
73	Hydro-dediazoniatio of diazonium salts using trichlorosilane: new cleavage conditions for the T1 traceless linker. <i>Tetrahedron Letters</i> , 2000 , 41, 3813-3816	2	46
72	O ensino superior brasileiro nos anos 90. <i>Sao Paulo Em Perspectiva</i> , 2000 , 14, 41-60		29
71	Solid-phase synthesis of urea and amide libraries using the T2 triazene linker. <i>ACS Combinatorial Science</i> , 2000 , 2, 710-5		71
70	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

69	Synthesis of Bis(enolnonaflates) and their 4-exo-trig-Cyclizations by Intramolecular Heck Reactions. <i>Synlett</i> , 1999 , 1999, 1654-1656	2.2	38
68	Triazenes: A Useful Protecting Strategy for Sensitive Secondary Amines. <i>Synlett</i> , 1999 , 1999, 1304-1306	2.2	29
67	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
66	Triazenes as robust and simple linkers for amines in solid-phase organic synthesis. <i>Tetrahedron Letters</i> , 1999 , 40, 2105-2108	2	80
65	Solid-phase synthesis of substituted cinnolines by a Richter type cleavage protocol. <i>Tetrahedron Letters</i> , 1999 , 40, 6201-6203	2	56
64	Intramolecular transition-metal catalyzed cyclizations of electron rich chloroarenes. <i>Tetrahedron Letters</i> , 1999 , 40, 6757-6759	2	20
63	Effiziente Abspaltungs-Kreuzkupplungs-Strategie für Festphasenreaktionen – Ein Baukastensystem für die kombinatorische Chemie. <i>Angewandte Chemie</i> , 1999 , 111, 1139-1142	3.6	35
62	Chemie, Biologie und medizinische Anwendungen der Glycopeptid-Antibiotika. <i>Angewandte Chemie</i> , 1999 , 111, 2230-2287	3.6	148
61	Neue effiziente Mehrkomponenten-Reaktionen unter C-C-Verknüpfung zur kombinatorischen Anwendung in flüssiger und an fester Phase. <i>Angewandte Chemie</i> , 1999 , 111, 3881-3884	3.6	33
60	Total Synthesis of Vancomycin Part 1: Design and Development of Methodology. <i>Chemistry - A European Journal</i> , 1999 , 5, 2584-2601	4.8	148
59	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
58	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
57	Chemistry, Biology, and Medicine of the Glycopeptide Antibiotics. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 2096-2152	16.4	571
56	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
55	Ring Opening of Methylene cyclopropane Moieties in the Palladium-Catalyzed Cross-Coupling of Methylene cyclopropyl Bromides with Metallated CH-Acidic Compounds. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 453-457	3.2	9
54	Synthesis of o-Dialkenylbenzenes and Indenes Using Heck and Oxypalladation Reactions. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 671-678	3.2	25
53	Ein überraschender Festphaseneffekt: Entwicklung eines regenerierbaren, "purlosen" Linker-Systems für Festphasenreaktionen. <i>Angewandte Chemie</i> , 1998 , 110, 3614-3616	3.6	38
52	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

51	Palladium-Catalyzed Coupling Reactions of 1-Bromoadamantane with Styrenes and Arenes. <i>Synthesis</i> , 1998 , 1998, 148-152	2.9	63
50	Conformational Properties of 2-Cyclopropylideneethanol as Studied by Microwave, Infrared and Raman Spectroscopy and by Ab Initio Computations.. <i>Acta Chemica Scandinavica</i> , 1998 , 52, 1122-1136		6
49	A Suzuki couplingthacrolactamization approach to the AB-COD bicyclic system of vancomycin. <i>Chemical Communications</i> , 1997 , 1899	5.8	33
48	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
47	Coumarins. <i>Natural Product Reports</i> , 1997 , 14, 465-75	15.1	140
46	New Technology for the Synthesis of Vancomycin-Type Biaryl Ring Systems. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 1539-1540		35
45	Eine neuartige Strategie zum Aufbau des Vancomycin-Biarylringssystems. <i>Angewandte Chemie</i> , 1997 , 109, 1551-1552	3.6	11
44	Versatile Synthesis of Enantiomerically Pure 2-Alkoxy-1-Ethynylcyclopropanes and their Application in the Synthesis of Enantiomerically Pure Bicyclo-[3.3.0]oct-1-en-3-ones. <i>Chemistry - A European Journal</i> , 1996 , 2, 545-555	4.8	30
43	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
42	Ungewöhnliche intra- und intermolekulare palladiumkatalysierte Kupplungsreaktionen mit tetrasubstituierten Alkenen vom Methylenecyclopropan-Typ. <i>Angewandte Chemie</i> , 1995 , 107, 2741-2743	3.6	49
41	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
40	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
39	Palladium(0)-Catalyzed SN2? Displacement on 1-Chloro-1-ethenylcyclopropanes: A Versatile Preparation of Functionally Substituted Methylenecyclopropanes1. <i>Synlett</i> , 1992 , 1992, 558-560	2.2	16
38	Synthesis and reactions with donor ligands of the mixed halide seven-coordinate molybdenum(II) complex [MoClI(CO)3(NCMe)2]. <i>Transition Metal Chemistry</i> , 1992 , 17, 401-403	2.1	12
37	Formation of Heterocycles215-258		6
36	Lab-Scale Synthesis of Azido Compounds: Safety Measures and Analysis1-27		2
35	Dipolar Cycloaddition Reactions in Peptide Chemistry285-310		1
34	Photochemistry of Azides: The Azide/Nitrene Interface311-372		7

33 Organoazides and Transition Metals373-388

32 Azide-Containing High Energy Materials389-411

1

31 Azide Chemistry in Rotaxane and Catenane Synthesis413-435

1

30 Aza-Wittig Reaction in Natural Product Syntheses437-467

0

29 Azides in Carbohydrate Chemistry469-490

4

28 Large-Scale Preparation and Usage of Azides29-51

4

27 Synthesis of Azides53-94

1

26 Azides by Olefin Hydroazidation Reactions95-111

1

25 The Chemistry of Vinyl, Allenyl, and Ethynyl Azides113-166

1

24 Small Rings by Azide Chemistry167-190

23 Schmidt Rearrangement Reactions with Alkyl Azides191-237

6

22 Radical Chemistry with Azides239-267

1

21 Cycloaddition Reactions with Azides: An Overview269-284

1

20 Combinatorial and Solid-Phase Syntheses485-493

2

19 Safety-Catch and Traceless Linkers in Solid Phase Organic Synthesis437-465

3

18 Catalytic Asymmetric Synthesis: Sections 2.1.1 - 2.1.3149-214

34

17

7

16 Cross-Coupling of Organyl Halides with Alkenes: the Heck Reaction217-315

61

15	Palladium-Catalyzed Cascade Carbopalladation: Termination by Nucleophilic Reagents1405-1429	5
14	Intramolecular Heck Reaction: Synthesis of Carbocycles1223-1254	8
13	Background for Part IV1121-1132	
12	Palladium-Catalyzed Cascade Carbopalladation: Termination with Alkenes, Arenes, and Related EBond Systems1369-1403	12
11	Intermolecular Heck Reaction: Double and Multiple Heck Reactions1179-1208	9
10	Are copper(I) complexes tough enough to be processed from solution?. <i>SPIE Newsroom</i> ,	2
9	Regioselective formation of new 3-S-alkylated-1,2,4-triazole-quinolones. <i>Journal of Sulfur Chemistry</i> ,1-172.3	0
8	The Repository Chemotion: Infrastructure for Sustainable Research in Chemistry	2
7	The T1 Linker: Multidirectional Cleavage for Solid Phase Organic Synthesis.	2
6	Electron-withdrawing group modified carbazolophane donors for deep blue thermally activated delayed fluorescence OLEDs. <i>Materials Advances</i> ,	3.3 2
5	Synthesis and Functionalization of Biomolecules via Click Chemistry355-378	1
4	Common Synthons for Click Chemistry in Biotechnology9-28	3
3	Toward Tomorrow's Drugs: The Synthesis of Compound Libraries by Solid-Phase Chemistry343-375	1
2	Poly(pentafluorobenzyl 2-ylidene-acetate): Polymerization and Postpolymerization Modification. <i>Macromolecular Chemistry and Physics</i> ,2100455	2.6
1	X-ray Structure Analyses of 4-Hydroxy-1-Methylquinolin-2(1H)-One, 6-Ethyl-4-Hydroxy-2 H-Pyrano[3,2-c]Quinoline-2,5(6H)-Dione, (E)-4-(2-Benzylidene-Hydrazineyl)Quinolin-2(1H)-One and Diethyl (E)-2-(2-(1-Methyl-2-Oxo-1,2-Dihydro-Quinolin-4-yl)Hydrazineylidene)Succinate. <i>Journal of Chemical Crystallography</i> ,1	0.5