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List of Publications by Year
in descending order

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327 papers	14,877 citations	20759 60 h-index	30010 103 g-index
406 all docs	406 docs citations	406 times ranked	13258 citing authors

#	Article	IF	Citations
1	Combining Viedma Ripening and Temperature Cycling Deracemization. Crystal Growth and Design, 2022, 22, 1874-1881.	1.4	10
2	Chloromethyl Glycosides as Versatile Synthons to Prepare Glycosyloxymethylâ€Prodrugs. Chemistry - A European Journal, 2022, 28, .	1.7	5
3	Cyclobutanes in Smallâ€Molecule Drug Candidates. ChemMedChem, 2022, 17, .	1.6	59
4	Characterization of Cyclic N â€Acyliminium Ions by Infrared Ion Spectroscopy. Chemistry - A European Journal, 2022, 28, e202104078.	1.7	3
5	IMI European Lead Factory â€" democratizing access to high-throughput screening. Nature Reviews Drug Discovery, 2022, 21, 245-246.	21.5	1
6	Luminescent Assay for the Screening of SARSâ€CoVâ€2 M^{Pro} Inhibitors. ChemBioChem, 2022, 23, .	1.3	5
7	Stabilization of Glucosyl Dioxolenium Ions by â€œDual Participationâ€•of the 2,2-Dimethyl-2-(ortho-nitrophenyl)acetyl (DMNPA) Protection Group for 1,2-cis-Glucosylation. Journal of Organic Chemistry, 2022, 87, 9139-9147.	1.7	11
8	Analysis of Complex Mixtures by Chemosensing NMR Using para-Hydrogen-Induced Hyperpolarization. Accounts of Chemical Research, 2022, 55, 1832-1844.	7.6	12
9	Optimization of continuous-flow diphenyldiazomethane synthesis: an integrated undergraduate chemistry experiment. Journal of Flow Chemistry, 2021, 11, 59-66.	1.2	1
10	Compartmentalized cross-linked enzyme nano aggregates (c-CLEnAs) toward pharmaceutical transformations. RSC Advances, 2021, 11, 21857-21861.	1.7	4
11	One-flow synthesis of tetrahydrocannabinol and cannabidiol using homo- and heterogeneous Lewis acids. Journal of Flow Chemistry, 2021, 11, 99-105.	1.2	5
12	Tracking Reaction Pathways by a Modular Flow Reactor Coupled to Electrospray Ionization Mass Spectrometry. Chemistry Methods, 2021, 1, 430-437.	1.8	7
13	Untargeted metabolomics and infrared ion spectroscopy identify biomarkers for pyridoxine-dependent epilepsy. Journal of Clinical Investigation, 2021, 131, .	3.9	33
14	Parahydrogen Hyperpolarization Allows Direct NMR Detection of Î±â€Amino Acids in Complex (Bio)mixtures. Angewandte Chemie - International Edition, 2021, 60, 26954-26959.	7.2	25
15	Tracking Reaction Pathways by a Modular Flow Reactor Coupled to Electrospray Ionization Mass Spectrometry. Chemistry Methods, 2021, 1, 428-429.	1.8	1
16	Combining Diastereomeric Resolution and Viedma Ripening by Using a Racemic Resolving Agent. European Journal of Organic Chemistry, 2021, 2021, 5975.	1.2	4
17	Metabolite Identification Using Infrared Ion Spectroscopyâ€€Novel Biomarkers for Pyridoxine-Dependent Epilepsy. Analytical Chemistry, 2021, 93, 15340-15348.	3.2	20
18	Photoracemizationâ€Based Viedma Ripening of a BINOL Derivative. Chemistry - A European Journal, 2020, 26, 839-844.	1.7	29

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19	Molecular motor-functionalized porphyrin macrocycles. Nature Communications, 2020, 11, 5291.	5.8	21
20	Past, Present and Future of the European Chemical Society (EuChemS). Chemistry - A European Journal, 2020, 26, 10909-10911.	1.7	0
21	Absolute configuration and host-guest binding of chiral porphyrin-cages by a combined chiroptical and theoretical approach. Nature Communications, 2020, 11, 4776.	5.8	25
22	Fine-tuning of lysine side chain modulates the activity of histone lysine methyltransferases. Scientific Reports, 2020, 10, 21574.	1.6	4
23	Characterization of glycosyl dioxolenium ions and their role in glycosylation reactions. Nature Communications, 2020, 11, 2664.	5.8	83
24	Synthetic pathways to tetrahydrocannabinol (THC): an overview. Organic and Biomolecular Chemistry, 2020, 18, 3203-3215.	1.5	31
25	Compartmentalized cross-linked enzymatic nano-aggregates (c-CLEnA) for efficient in-flow biocatalysis. Chemical Science, 2020, 11, 2765-2769.	3.7	21
26	Methylation of geometrically constrained lysine analogues by histone lysine methyltransferases. Chemical Communications, 2020, 56, 3039-3042.	2.2	10
27	Continuous one-flow multi-step synthesis of active pharmaceutical ingredients. Reaction Chemistry and Engineering, 2020, 5, 1186-1197.	1.9	63
28	EuChemS congratulates FACS on its 40th Anniversary. , 2020, , .		0
29	Rapid and scalable synthesis of chiral porphyrin cage compounds. Tetrahedron, 2019, 75, 4640-4647.	1.0	15
30	The Crystalline Sponge Method in Water. Chemistry - A European Journal, 2019, 25, 14999-15003.	1.7	27
31	Antimalarial pantothenamide metabolites target acetylâ€“coenzyme A biosynthesis in Plasmodium falciparum. Science Translational Medicine, 2019, 11, .	5.8	59
32	Racemization and Deracemization through Intermolecular Redox Behaviour. Chemistry - A European Journal, 2019, 25, 9639-9642.	1.7	5
33	Stable pantothenamide bioisosteres: novel antibiotics for Gram-positive bacteria. Journal of Antibiotics, 2019, 72, 682-692.	1.0	11
34	Parahydrogen induced hyperpolarization provides a tool for NMR metabolomics at nanomolar concentrations. Chemical Communications, 2019, 55, 7235-7238.	2.2	40
35	A Revised Modular Approach to (â€“)â€transâ€Î”⁸â€THC and Derivatives Through Lateâ€Stage Suzukiâ€“Miyaura Crossâ€Coupling Reactions. European Journal of Organic Chemistry, 2019, 2019, 2289-2296.	1.2	8
36	Inline Reaction Monitoring of Amine-Catalyzed Acetylation of Benzyl Alcohol Using a Microfluidic Stripline Nuclear Magnetic Resonance Setup. Journal of the American Chemical Society, 2019, 141, 5369-5380.	6.6	28

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37	Chemoenzymatic Synthesis of Sialic Acid Derivatives Using Immobilized Nâ€Acetylneuraminate Lyase in a Continuous Flow Reactor. Advanced Synthesis and Catalysis, 2019, 361, 2443-2447.	2.1	16
38	Aerobic Epoxidation of Low-Molecular-Weight and Polymeric Olefins by a Supramolecular Manganese Porphyrin Catalyst. Catalysts, 2019, 9, 195.	1.6	25
39	Attritionâ€Enhanced Deracemization of the Antimalaria Drug Mefloquine. Angewandte Chemie, 2019, 131, 1684-1687.	1.6	5
40	Attritionâ€Enhanced Deracemization of the Antimalaria Drug Mefloquine. Angewandte Chemie - International Edition, 2019, 58, 1670-1673.	7.2	26
41	The crystalline sponge method: pitfalls, challenges and solutions. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e514-e514.	0.0	0
42	Direct Experimental Characterization of Glycosyl Cations by Infrared Ion Spectroscopy. Journal of the American Chemical Society, 2018, 140, 6034-6038.	6.6	68
43	Continuous Flow Synthesis of Ureaâ€Containing Compound Libraries Based on the Piperidinâ€4â€one Scaffold. European Journal of Organic Chemistry, 2018, 2018, 1312-1320.	1.2	8
44	Deracemization of a Racemic Compound by Using Tailorâ€Made Additives. Chemistry - A European Journal, 2018, 24, 2863-2867.	1.7	14
45	Trifluoromethyl Vinyl Sulfide: A Building Block for the Synthesis of CF₃S-Containing Isoxazolidines. Journal of Organic Chemistry, 2018, 83, 1779-1789.	1.7	18
46	Racemic and Enantiopure Camphene and Pinene Studied by the Crystalline Sponge Method. Crystal Growth and Design, 2018, 18, 126-132.	1.4	19
47	Trace analysis in waterâ€alcohol mixtures by continuous pâ€H₂ hyperpolarization at high magnetic field. Magnetic Resonance in Chemistry, 2018, 56, 633-640.	1.1	25
48	Carbonylonium ions: the onium ions of the carbonyl group. Beilstein Journal of Organic Chemistry, 2018, 14, 2568-2571.	1.3	9
49	Solidâ€Phase Conversion of Four Stereoisomers into a Single Enantiomer. Angewandte Chemie, 2018, 130, 15667-15670.	1.6	6
50	Solidâ€Phase Conversion of Four Stereoisomers into a Single Enantiomer. Angewandte Chemie - International Edition, 2018, 57, 15441-15444.	7.2	22
51	Role of Additives during Deracemization Using Temperature Cycling. Crystal Growth and Design, 2018, 18, 6617-6620.	1.4	24
52	Synthesis of 3â€Aminoâ€1â€benzothiopheneâ€1,1â€dione by Alkyne Directed Hydroarylation and 1/Nâ†'3/Câ€Sulfonyl Migration. European Journal of Organic Chemistry, 2018, 2018, 5435-5444.	1.2	4
53	Nanoreactors for green catalysis. Beilstein Journal of Organic Chemistry, 2018, 14, 716-733.	1.3	46
54	Structureâ€“Activity Relationship Studies on (R)â€PFIâ€2 Analogues as Inhibitors of Histone Lysine Methyltransferase SETD7. ChemMedChem, 2018, 13, 1405-1413.	1.6	13

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55	Rapid Production of trans -Cyclooctenes in Continuous Flow. ChemPhotoChem, 2018, 2, 898-905.	1.5	8
56	Synthesis of Steroidal <scp>D</scp>â€Ringâ€Fused Pyrrolidines of Dehydroepiandrosterone. European Journal of Organic Chemistry, 2017, 2017, 3729-3737.	1.2	6
57	Resolving DOSY spectra of isomers by methanolâ€d₄ solvent effects. Magnetic Resonance in Chemistry, 2017, 55, 759-762.	1.1	7
58	Design of Radioiodinated Pharmaceuticals: Structural Features Affecting Metabolic Stability towards in Vivo Deiodination. European Journal of Organic Chemistry, 2017, 2017, 3387-3414.	1.2	52
59	Direct Hyperpolarization of Nitrogen-15 in Aqueous Media with Parahydrogen in Reversible Exchange. Journal of the American Chemical Society, 2017, 139, 7761-7767.	6.6	80
60	DOSY Analysis of Micromolar Analytes: Resolving Dilute Mixtures by SABRE Hyperpolarization. Angewandte Chemie - International Edition, 2017, 56, 9174-9177.	7.2	25
61	Oxidation of Secondary Methyl Ethers to Ketones. Journal of Organic Chemistry, 2017, 82, 6671-6679.	1.7	9
62	A Dibenzoazacyclooctyne as a Reactive Chain Stopper for [2]Rotaxanes. European Journal of Organic Chemistry, 2017, 2017, 3107-3113.	1.2	2
63	An Enantioâ€•and Diastereoselective Mannich/Pictetâ€“Spengler Sequence To Form Spiro[piperidineâ€pyridoindoles] and Application to Library Synthesis. European Journal of Organic Chemistry, 2017, 2017, 662-670.	1.2	13
64	Accelerating chemical start-ups in ecosystems: the need for biotopes. European Journal of Innovation Management, 2017, 20, 135-152.	2.4	12
65	Privileged heterocycles: bioactivity and synthesis of 1,9-diazaspiro[5.5]undecane-containing compounds. Chemistry of Heterocyclic Compounds, 2017, 53, 827-845.	0.6	2
66	Solid Phase Deracemization of an Atropisomer. Crystal Growth and Design, 2017, 17, 5583-5585.	1.4	11
67	Peptide-Appended Permethylated Î²-Cyclodextrins with Hydrophilic and Hydrophobic Spacers. Bioconjugate Chemistry, 2017, 28, 2160-2166.	1.8	9
68	Poly(methylhydrosiloxane) as a green reducing agent in organophosphorus-catalysed amide bond formation. Organic and Biomolecular Chemistry, 2017, 15, 6426-6432.	1.5	26
69	Pd-Catalyzed Hydroamination of Alkoxyallenes with Azole Heterocycles: Examples and Mechanistic Proposal. Organic Letters, 2017, 19, 4211-4214.	2.4	54
70	Deracemization of a Racemic Allylic Sulfoxide Using Viedma Ripening. Crystal Growth and Design, 2017, 17, 4454-4457.	1.4	25
71	DOSY Analysis of Micromolar Analytes: Resolving Dilute Mixtures by SABRE Hyperpolarization. Angewandte Chemie, 2017, 129, 9302-9305.	1.6	9
72	Continuous-flow chemistry in chemical education. Journal of Flow Chemistry, 2017, 7, 157-158.	1.2	12

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73	High field hyperpolarization-EXSY experiment for fast determination of dissociation rates in SABRE complexes. Journal of Magnetic Resonance, 2017, 276, 122-127.	1.2	20
74	A New Irâ€NHC Catalyst for Signal Amplification by Reversible Exchange in D₂O. Chemistry - A European Journal, 2016, 22, 9277-9282.	1.7	78
75	Pharmacological Inhibition of Vanin Activity Attenuates Transplant Vasculopathy in Rat Aortic Allografts. Transplantation, 2016, 100, 1656-1666.	0.5	12
76	Fischer indole reaction in batch and flow employing a sulfonic acid resin: Synthesis of pyrido[2,3-a]carbazoles. Journal of Flow Chemistry, 2016, 6, 240-243.	1.2	9
77	NMR detection in biofluid extracts at sub-Î¼M concentrations via para-H2 induced hyperpolarization. Analyst, The, 2016, 141, 4001-4005.	1.7	53
78	Strain-Promoted 1,3-Dipolar Cycloaddition of Cycloalkynes and Organic Azides. Topics in Current Chemistry, 2016, 374, 16.	3.0	259
79	Speeding up Viedma ripening. Chemical Communications, 2016, 52, 12048-12051.	2.2	19
80	A Biocatalytic Aza-Achmatowicz Reaction. ACS Catalysis, 2016, 6, 5904-5907.	5.5	42
81	A Study on Stereoselective Glycosylations via Sulfonium Ion Intermediates. European Journal of Organic Chemistry, 2016, 2016, 4656-4667.	1.2	15
82	Genetic and pharmacological inhibition of vanin-1 activity in animal models of type 2 diabetes. Scientific Reports, 2016, 6, 21906.	1.6	37
83	Cu-catalysed pyrazole synthesis in continuous flow. Catalysis Science and Technology, 2016, 6, 4718-4723.	2.1	22
84	Determination of long-range scalar 1Hâ€“1H coupling constants responsible for polarization transfer in SABRE. Journal of Magnetic Resonance, 2016, 265, 59-66.	1.2	51
85	NMR-Based Chemosensing via p-H₂ Hyperpolarization: Application to Natural Extracts. Analytical Chemistry, 2016, 88, 3406-3412.	3.2	59
86	Rapid and Scalable Access into Strained Scaffolds through Continuous Flow Photochemistry. Organic Process Research and Development, 2016, 20, 409-413.	1.3	34
87	Oneâ€Pot Synthesis, Crystallization and Deracemization of Isoindolinones from Achiral Reactants. European Journal of Organic Chemistry, 2015, 2015, 7249-7252.	1.2	7
88	Computational (DFT) and Experimental (EXAFS) Study of the Interaction of [Ir(IMes)(H)₂(L)₃] with Substrates and Coâ€substrates Relevant for SABRE in Dilute Systems. Chemistry - A European Journal, 2015, 21, 10482-10489.	1.7	15
89	Novel pantothenate derivatives for anti-malarial chemotherapy. Malaria Journal, 2015, 14, 169.	0.8	23
90	2Dâ€…NMR Trace Analysis by Continuous Hyperpolarization at High Magnetic Field. Angewandte Chemie - International Edition, 2015, 54, 14527-14530.	7.2	83

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91	The Azaâ€Achmatowicz Reaction: Facile Entry into Functionalized Piperidinones. European Journal of Organic Chemistry, 2015, 2015, 4811-4829.	1.2	51
92	Linear Deracemization Kinetics during Viedma Ripening: Autocatalysis Overruled by Chiral Additives. Crystal Growth and Design, 2015, 15, 1975-1982.	1.4	33
93	Application of the Ï€-accepting ability parameter of N-heterocyclic carbene ligands in iridium complexes for signal amplification by reversible exchange (SABRE). Dalton Transactions, 2015, 44, 15387-15390.	1.6	29
94	Enantio- and diastereoselective synthesis of Î³-amino alcohols. Chemical Communications, 2015, 51, 14462-14464.	2.2	18
95	Aqueous asymmetric aldol reactions in polymersome membranes. Polymer Chemistry, 2015, 6, 5358-5361.	1.9	17
96	Viedma ripening: a reliable crystallisation method to reach single chirality. Chemical Society Reviews, 2015, 44, 6723-6732.	18.7	165
97	Synthesis and functionalization of bicyclic N,O-acetal scaffolds from furfural. Bioorganic and Medicinal Chemistry, 2015, 23, 2721-2729.	1.4	9
98	How to pick a single amine?. Nature Chemical Biology, 2015, 11, 306-307.	3.9	3
99	Sialic Acid Glycoengineering Using an Unnatural Sialic Acid for the Detection of Sialoglycan Biosynthesis Defects and On-Cell Synthesis of Siglec Ligands. ACS Chemical Biology, 2015, 10, 2353-2363.	1.6	38
100	Deracemization Controlled by Reaction-Induced Nucleation: Viedma Ripening as a Safety Catch for Total Spontaneous Resolution. Crystal Growth and Design, 2015, 15, 3917-3921.	1.4	21
101	Chemoenzymatic flow cascade for the synthesis of protected mandelonitrile derivatives. Organic and Biomolecular Chemistry, 2015, 13, 1634-1638.	1.5	24
102	Quantitative Trace Analysis of Complex Mixtures Using SABRE Hyperpolarization. Angewandte Chemie - International Edition, 2015, 54, 1481-1484.	7.2	95
103	Emergence of single-molecular chirality from achiral reactants. Nature Communications, 2014, 5, 5543.	5.8	66
104	pH responsive polymersome Pickering emulsion for simple and efficient Janus polymersome fabrication. Chemical Communications, 2014, 50, 14550-14553.	2.2	45
105	Aqueous asymmetric cyclopropanation reactions in polymersome membranes. Chemical Communications, 2014, 50, 4040-4043.	2.2	34
106	Enzyme and Gold Catalysis: A New Enantioselective Entry into Functionalized 4-Hydroxy-2-pyrrolines. Synlett, 2014, 25, 270-274.	1.0	5
107	Highâ€Pressureâ€Mediated Extension of the Privileged Steroid Scaffold. European Journal of Organic Chemistry, 2014, 2014, 1438-1444.	1.2	5
108	A Oneâ€Pot Oxidation/Enantioselective Oxaâ€Michael Cascade. European Journal of Organic Chemistry, 2014, 2014, 2892-2898.	1.2	11

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109	Cascade reactions in nanoreactors. Current Opinion in Biotechnology, 2014, 28, 10-16.	3.3	69
110	Toward Nanomolar Detection by NMR Through SABRE Hyperpolarization. Journal of the American Chemical Society, 2014, 136, 2695-2698.	6.6	141
111	Enantiopure Isoindolinones through Viedma Ripening. Chemistry - A European Journal, 2014, 20, 13527-13530.	1.7	37
112	Influence of azide incorporation on binding affinity by small papain inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5593-5603.	1.4	1
113	Synthesis of DIBAC analogues with excellent SPAAC rate constants. Organic and Biomolecular Chemistry, 2014, 12, 5031-5037.	1.5	28
114	Triphenylphosphine-catalysed amide bond formation between carboxylic acids and amines. Chemical Communications, 2014, 50, 5763.	2.2	80
115	PPAR-alpha dependent regulation of vanin-1 mediates hepatic lipid metabolism. Journal of Hepatology, 2014, 61, 366-372.	1.8	64
116	Organocatalytic Entry into 2,6-Disubstituted Aza-Achmatowicz Piperidinones: Application to (â˜)-Sedacryptine and Its Epimer. Organic Letters, 2014, 16, 2038-2041.	2.4	23
117	Liquid-Phase Parahydrogen-Induced Polarization (PHIP) with Ligand-Capped Platinum Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 13313-13319.	1.5	14
118	7. Experimental procedures for conducting organic reactions in continuous flow. , 2014, , 191-250.		0
119	A Divergent Method to Prepare 5â€Aminoâ€ 5â€‹N‹/i›â€Acetamidoâ€ and 5â€‹N‹/i›â€Glycolylsialosides. European Journal of Organic Chemistry, 2013, 2013, 5257-5261.	1.2	10
120	Bioorthogonal labelling of biomolecules: new functional handles and ligation methods. Organic and Biomolecular Chemistry, 2013, 11, 6439.	1.5	142
121	Organophosphorus Catalysis to Bypass Phosphine Oxide Waste. ChemSusChem, 2013, 6, 1615-1624.	3.6	73
122	Controlling the Effect of Chiral Impurities on Viedma Ripening. Crystal Growth and Design, 2013, 13, 4776-4780.	1.4	36
123	Dynamically functionalized polymersomes viahydrazone exchange. Polymer Chemistry, 2013, 4, 1345-1350.	1.9	14
124	Tubular Polymersomes: A Cross-Linker-Induced Shape Transformation. Journal of the American Chemical Society, 2013, 135, 16308-16311.	6.6	70
125	Discovery of Small Molecule Vanin Inhibitors: New Tools To Study Metabolism and Disease. ACS Chemical Biology, 2013, 8, 530-534.	1.6	43
126	Recent advances in enzymatic and chemical deracemisation of racemic compounds. Chemical Society Reviews, 2013, 42, 9268.	18.7	148

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127	Highly Controlled Gas/Liquid Processes in a Continuous Labâ€Scale Device. Chemical Engineering and Technology, 2013, 36, 1042-1046.	0.9	20
128	Ligand effects of NHCâ€“iridium catalysts for signal amplification by reversible exchange (SABRE). Chemical Communications, 2013, 49, 7388.	2.2	87
129	New synthetic technologies. Drug Discovery Today: Technologies, 2013, 10, e1-e2.	4.0	1
130	Potassium formate as a small molecule switch: controlling oxidationâ€“reduction behaviour in a two-step sequence. Chemical Communications, 2013, 49, 3143.	2.2	9
131	On the usefulness of life cycle assessment in early chemical methodology development: the case of organophosphorus-catalyzed Appel and Wittig reactions. Green Chemistry, 2013, 15, 1255.	4.6	73
132	Site-specific peptide and protein immobilization on surface plasmon resonance chips via strain-promoted cycloaddition. Lab on A Chip, 2013, 13, 1863.	3.1	27
133	Efficient catalysts for asymmetric Mannich reactions. Organic and Biomolecular Chemistry, 2013, 11, 4207.	1.5	29
134	Catalytic Staudinger/Azaâ€Wittig Sequence by in situ Phosphane Oxide Reduction. European Journal of Organic Chemistry, 2013, 2013, 7059-7066.	1.2	64
135	Combination of Pantothenamides with Vanin Inhibitors as a Novel Antibiotic Strategy against Gram-Positive Bacteria. Antimicrobial Agents and Chemotherapy, 2013, 57, 4794-4800.	1.4	32
136	Ethyl diazoacetate synthesis in flow. Beilstein Journal of Organic Chemistry, 2013, 9, 1813-1818.	1.3	22
137	Aqueous reductive amination using a dendritic metal catalyst in a dialysis bag. Beilstein Journal of Organic Chemistry, 2013, 9, 960-965.	1.3	3
138	Synthesis of Methoxyisopropyl (MIP)-Protected (R)-Mandelonitrile and Derivatives in a Flow Reactor. Journal of Flow Chemistry, 2012, 2, 124-128.	1.2	8
139	Optimisation and Scale-up of Î±-Bromination of Acetophenone in a Continuous Flow Microreactor. Journal of Flow Chemistry, 2012, 2, 87-91.	1.2	19
140	Catalytic Appel reactions. Pure and Applied Chemistry, 2012, 85, 817-828.	0.9	47
141	In Vitro and In Vivo Characterization of Three 68 Ga- and 111 In-Labeled Peptides for Cholecystokinin Receptor Imaging. Molecular Imaging, 2012, 11, 7290.2012.00001.	0.7	7
142	In Vivo Biodistribution of Prion- and GM1-Targeted Polymersomes following Intravenous Administration in Mice. Molecular Pharmaceutics, 2012, 9, 1620-1627.	2.3	46
143	Improving the carboxyamidomethyl ester for subtilisin A-catalysed peptide synthesis. Organic and Biomolecular Chemistry, 2012, 10, 6767.	1.5	9
144	Polymersome Colloidosomes for Enzyme Catalysis in a Biphasic System. Angewandte Chemie - International Edition, 2012, 51, 10746-10750.	7.2	250

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145	Synthesis of Carbohydrates in a Continuous Flow Reactor by Immobilized Phosphatase and Aldolase. ChemSusChem, 2012, 5, 2348-2353.	3.6	50
146	Size Dependent Biodistribution and SPECT Imaging of ¹¹¹In-Labeled Polymersomes. Bioconjugate Chemistry, 2012, 23, 958-965.	1.8	64
147	Chemical and Enzymatic Synthesis of 2-(2-Carbamoylethyl)- and 2-(2-Carboxyethyl)aziridines and Their Conversion into Î²-Lactams and Î³-Lactones. Organic Letters, 2012, 14, 106-109.	2.4	14
148	Total synthesis of the monoterpenoidalkaloid (Â±)-tangutorine. Organic and Biomolecular Chemistry, 2012, 10, 945-951.	1.5	8
149	Protective group-free synthesis of 3,4-dihydroxytetrahydrofurans from carbohydrates: formal total synthesis of sphydrofuran. Carbohydrate Research, 2012, 362, 30-37.	1.1	10
150	Continuous Flow Production of Thermally Unstable Intermediates in a Microreactor with Inline IR-Analysis: Controlled Vilsmeierâ€“Haack Formylation of Electron-Rich Arenes. Organic Process Research and Development, 2012, 16, 934-938.	1.3	57
151	Recent Advances in Asymmetric Isocyanideâ€Based Multicomponent Reactions. European Journal of Organic Chemistry, 2012, 2012, 3543-3559.	1.2	188
152	2â€²â€Modified Neamine Analogues from Thiomannosides through Glycosidationâ€“Stereoinversion. European Journal of Organic Chemistry, 2012, 2012, 4740-4750.	1.2	1
153	Organophosphorusâ€Catalysed Staudinger Reduction. Advanced Synthesis and Catalysis, 2012, 354, 1417-1421.	2.1	107
154	Peptideâ€Mediated Bloodâ€“Brain Barrier Transport of Polymersomes. Angewandte Chemie - International Edition, 2012, 51, 8339-8342.	7.2	98
155	Papainâ€Specific Activating Esters in Aqueous Dipeptide Synthesis. ChemBioChem, 2012, 13, 1319-1326.	1.3	16
156	Enzymeâ€Specific Activation versus Leaving Group Ability. ChemBioChem, 2012, 13, 1785-1790.	1.3	3
157	Fluorogenic Peptideâ€Based Substrates for Monitoring Thrombin Activity. ChemMedChem, 2012, 7, 606-617.	1.6	20
158	Prilezhaev Dihydroxylation of Olefins in a Continuous Flow Process. ChemSusChem, 2012, 5, 289-292.	3.6	15
159	Polymeric vesicles in biomedical applications. Polymer Chemistry, 2011, 2, 1449.	1.9	470
160	Fast Scale-Up Using Microreactors: Pyrrole Synthesis from Micro to Production Scale. Organic Process Research and Development, 2011, 15, 783-787.	1.3	48
161	Synthesis of non-natural carbohydrates from glycerol and aldehydes in a one-pot four-enzyme cascade reaction. Green Chemistry, 2011, 13, 2895.	4.6	49
162	Shedding the hydrophilic mantle of polymersomes. Polymer Chemistry, 2011, 2, 550-552.	1.9	24

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163	Synthesis of isoxazoles by hypervalent iodine-induced cycloaddition of nitrile oxides to alkynes. Chemical Communications, 2011, 47, 3198.	2.2	141
164	Aromatic A-ring analogues of orobanchol, new germination stimulants for seeds of parasitic weeds. Organic and Biomolecular Chemistry, 2011, 9, 2286.	1.5	20
165	Bioconjugation with Strained Alkenes and Alkynes. Accounts of Chemical Research, 2011, 44, 805-815.	7.6	492
166	Continuous flow azide formation: Optimization and scale-up. Chemical Engineering Journal, 2011, 167, 556-559.	6.6	58
167	In Situ Phosphine Oxide Reduction: A Catalytic Appel Reaction. Chemistry - A European Journal, 2011, 17, 11290-11295.	1.7	154
168	Papainâ€Catalyzed Peptide Bond Formation: Enzymeâ€Specific Activation with Guanidinophenyl Esters. ChemBioChem, 2011, 12, 2201-2207.	1.3	14
169	Flash Chemistry Extensively Optimized: Highâ€Temperature Swernâ€“Moffatt Oxidation in an Automated Microreactor Platform. Chemistry - an Asian Journal, 2010, 5, 799-805.	1.7	83
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