

Ian Baxendale

List of Publications by Year in Descending Order

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

187 papers	10,906 citations	60 h-index	101 g-index
267 ext. papers	11,749 ext. citations	4.1 avg, IF	6.66 L-index

#	Paper	IF	Citations
187	6-Chloro-3H-benzo[d][1,2,3]dithiazol-2-ium Chloride. <i>MolBank</i> , 2022 , 2022, M1339	0.5	
186	Tracking on crystallization process of doped metal oxide IATO to optimize solvothermal conditions. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	
185	Protein domain-based prediction of drug/compound-target interactions and experimental validation on LIM kinases. <i>PLoS Computational Biology</i> , 2021 , 17, e1009171	5	1
184	A comprehensive review of flow chemistry techniques tailored to the flavours and fragrances industries. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 1181-1312	2.5	11
183	Benzo[1,2,3]dithiazole Compounds: A History of Synthesis and Their Renewed Applicability in Materials and Synthetic Chemistry, Originating from the Herz Reaction. <i>Reactions</i> , 2021 , 2, 175-208	1.5	2
182	Synthesis of 7-Chloroquinoline Derivatives Using Mixed Lithium-Magnesium Reagents. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13402-13419	4.2	1
181	Rearrangement of 3-Hydroxyazetidines into 2-Oxazolines. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7276-7286	4.26	7
180	A One-Pot Divergent Sequence to Pyrazole and Quinoline Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	3
179	The Design and Preparation of Transparent Hybrid Composite Thin Films with Excellent Optical Properties and Improved Thermal Insulation by Optimized Combination of Nanomaterials. <i>Journal of Electronic Materials</i> , 2020 , 49, 1808-1818	1.9	
178	Photochemical Flow Oximation of Alkanes. <i>Synlett</i> , 2020 , 31, 1907-1912	2.2	2
177	Straight Forward and Versatile Differentiation of the L- and D- Heptose Scaffold. <i>Frontiers in Chemistry</i> , 2020 , 8, 625	5	2
176	Synthesis of new derivatives of boehmeriasin A and their biological evaluation in liver cancer. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 243-255	6.8	2
175	Flow Hydrodediazotization of Aromatic Heterocycles. <i>Molecules</i> , 2019 , 24,	4.8	7
174	A Simple and Efficient Flow Preparation of Pyocyanin a Virulence Factor of <i>Pseudomonas aeruginosa</i> . <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 5424-5433	3.2	14
173	Photochemical Flow Synthesis of 3-Hydroxyazetidines. <i>ChemPhotoChem</i> , 2019 , 3, 1212-1218	3.3	12
172	The Synthesis and Utility of Metal-Nitrosophenolato Compounds-Highlighting the Baudisch Reaction. <i>Molecules</i> , 2019 , 24,	4.8	4
171	A solid-supported arylboronic acid catalyst for direct amidation. <i>Chemical Communications</i> , 2019 , 55, 2916-2919	5.8	21

170	Copper-Mediated Nitrosation: 2-Nitrosophenolato Complexes and Their Use in the Synthesis of Heterocycles. <i>Molecules</i> , 2019 , 24,	4.8	1
169	Methyl glycosides via Fischer glycosylation: translation from batch microwave to continuous flow processing. <i>Monatshefte Für Chemie</i> , 2019 , 150, 11-19	1.4	9
168	Indium- and Zinc-Mediated Acyloxyallylation of Protected and Unprotected Aldotetroses-Revealing a Pronounced Diastereodivergence and a Fundamental Difference in the Performance of the Mediating Metal. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2647-2659	4.2	10
167	Diastereoselective Synthesis and Diversification of Highly Functionalized Cyclopentanones. <i>Synthesis</i> , 2018 , 50, 753-759	2.9	1
166	A Robust and Scalable Continuous Flow Process for Glycerol Carbonate. <i>Chemical Engineering and Technology</i> , 2018 , 41, 2014-2023	2	15
165	Flow synthesis of coumalic acid and its derivatization. <i>Reaction Chemistry and Engineering</i> , 2018 , 3, 722-732	4.2	7
164	Flow Chemistry Approaches Applied to the Synthesis of Saturated Heterocycles. <i>Topics in Heterocyclic Chemistry</i> , 2018 , 187-236	0.2	1
163	Unprecedented Alkene Transposition in Phthalate-Amino Acid Adducts. <i>Synlett</i> , 2018 , 29, 2648-2654	2.2	0
162	Adjust band gap of IATO nanoparticles to obtain desirable optical property by one-step hydrothermal oxidation. <i>Current Applied Physics</i> , 2017 , 17, 584-591	2.6	3
161	A continuous flow synthesis and derivatization of 1,2,4-thiadiazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 6218-6223	3.4	9
160	A Continuous-Flow Method for the Desulfurization of Substituted Thioimidazoles Applied to the Synthesis of Etomidate Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6518-6524	3.2	5
159	Flow-Assisted Synthesis: A Key Fragment of SR 142948A. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6540-6553	3.2	17
158	Sustainable Flow Synthesis of a Versatile Cyclopentenone Building Block. <i>Organic Process Research and Development</i> , 2017 , 21, 2052-2059	3.9	7
157	Purification of poly(acrylic acid) using a membrane ultra-filtration unit in flow. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 656-661	4.9	3
156	Continuous flow synthesis of poly(acrylic acid) via free radical polymerisation. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 662-668	4.9	18
155	A concise flow synthesis of indole-3-carboxylic ester and its derivatisation to an auxin mimic. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2549-2560	2.5	12
154	Rac-2?,3a,6,6?,6?-Hexamethyl-3a,3b,6,7-tetra-hydrospiro-[benzo[2,3]cyclopropa[1,2-c]pyrazole-1,1?-cyclo-hepta[2,4]die	0.5	1
153	Ethyl 5-(4-Bromophenyl)-4-methyl-1H-pyrrole-2-carboxylate. <i>MolBank</i> , 2017 , 2017, M951	0.5	

152	Diastereoselective Trifluoroacetylation of Highly Substituted Pyrrolidines by a Dakin-West Process. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11898-11908	4.2	2
151	The Generation of a Library of [Bromodomain-Containing Protein Modulators Expedited by Continuous Flow Synthesis. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2000-2012	3.2	9
150	Online quantitative mass spectrometry for the rapid adaptive optimisation of automated flow reactors. <i>Reaction Chemistry and Engineering</i> , 2016 , 1, 96-100	4.9	83
149	Continuous photochemistry: the flow synthesis of ibuprofen via a photo-Favorskii rearrangement. <i>Reaction Chemistry and Engineering</i> , 2016 , 1, 147-150	4.9	42
148	Development of the industrial synthesis of vitamin A. <i>Tetrahedron</i> , 2016 , 72, 1645-1652	2.4	33
147	Controlled Flow Precipitation as a Valuable Tool for Synthesis. <i>Organic Process Research and Development</i> , 2016 , 20, 371-375	3.9	32
146	The Use of Gases in Flow Synthesis. <i>Organic Process Research and Development</i> , 2016 , 20, 327-360	3.9	221
145	Flow carbonylation of sterically hindered ortho-substituted iodoarenes. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1503-11	2.5	13
144	Catalytic Chan-Lam coupling using a Cube-in-tube Reactor to deliver molecular oxygen as an oxidant. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1598-607	2.5	15
143	Exploring Flow Procedures for Diazonium Formation. <i>Molecules</i> , 2016 , 21,	4.8	22
142	Unsaturated ketones via copper(II) bromide mediated oxidation. <i>Tetrahedron</i> , 2016 , 72, 2947-2954	2.4	8
141	Boehmeriasin A as new lead compound for the inhibition of topoisomerases and SIRT2. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 766-75	6.8	30
140	Flow synthesis of ethyl isocyanoacetate enabling the telescoped synthesis of 1,2,4-triazoles and pyrrolo-[1,2-c]pyrimidines. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4231-9	3.9	19
139	Large-Scale Synthesis of Crystalline 1,2,3,4,6,7-Hexa-acetyl- β -D-heptopyranose. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 2718-2726	3.2	16
138	Syn-Ethyl 1-hydroxy-7-methoxy-2,3-dihydro-1H-pyrrolo[3,4-b]quinolone-3-carboxylate HCl Salt. <i>MolBank</i> , 2015 , 2015, M846	0.5	1
137	Batch and Flow Synthesis of Pyrrolo[1,2-a]-quinolines via an Allene-Based Reaction Cascade. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10806-16	4.2	36
136	Total syntheses of natural products containing spirocarbocycles. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 9907-33	3.9	104
135	Achieving continuous manufacturing: technologies and approaches for synthesis, workup, and isolation of drug substance. May 20-21, 2014 Continuous Manufacturing Symposium. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 781-91	3.9	108

134	Back Pressure Regulation of Slurry-Forming Reactions in Continuous Flow. <i>Chemical Engineering and Technology</i> , 2015 , 38, 259-264	2	21
133	A Short Multistep Flow Synthesis of a Potential Spirocyclic Fragrance Component. <i>Chemical Engineering and Technology</i> , 2015 , 38, 1713-1716	2	10
132	Ethyl 2-hydroxy-2-phenyl-2-(thiazol-2-yl)acetate. <i>MolBank</i> , 2015 , 2015, M857	0.5	
131	The synthesis of active pharmaceutical ingredients (APIs) using continuous flow chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1194-219	2.5	245
130	Thiazole formation through a modified Gewald reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 875-83	2.5	12
129	Synthesis of 1,3,6-Trisubstituted Azulenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11513-20	4.2	13
128	Continuous-Flow Synthesis of 2H-Azirines and Their Diastereoselective Transformation to Aziridines. <i>Synlett</i> , 2015 , 27, 159-163	2.2	25
127	A monolith immobilised iridium Cp* catalyst for hydrogen transfer reactions under flow conditions. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1768-77	3.9	11
126	Sustainable synthesis of thioimidazoles via carbohydrate-based multicomponent reactions. <i>Organic Letters</i> , 2014 , 16, 6076-9	6.2	11
125	Synthesis of riboflavines, quinoxalinones and benzodiazepines through chemoselective flow based hydrogenations. <i>Molecules</i> , 2014 , 19, 9736-59	4.8	25
124	Flow chemistry approaches directed at improving chemical synthesis. <i>Green Processing and Synthesis</i> , 2013 , 2,	3.9	21
123	An expeditious synthesis of imatinib and analogues utilising flow chemistry methods. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1822-39	3.9	84
122	Flow chemistry synthesis of zolpidem, alpidem and other GABAA agonists and their biological evaluation through the use of in-line frontal affinity chromatography. <i>Chemical Science</i> , 2013 , 4, 764-769 ^{9.4}		101
121	The synthesis of Bcr-Abl inhibiting anticancer pharmaceutical agents imatinib, nilotinib and dasatinib. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1766-800	3.9	45
120	The integration of flow reactors into synthetic organic chemistry. <i>Journal of Chemical Technology and Biotechnology</i> , 2013 , 88, 519-552	3.5	204
119	The synthesis of neurotensin antagonist SR 48692 for prostate cancer research. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4378-87	3.4	11
118	Flow Microwave Technology and Microreactors in Synthesis. <i>Australian Journal of Chemistry</i> , 2013 , 66, 131	1.2	42
117	Flow Synthesis and Biological Studies of an Analgesic Adamantane Derivative That Inhibits P2X7-Evoked Glutamate Release. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 704-9	4.3	12

116	Studies of a Diastereoselective Electrophilic Fluorination Reaction Employing a Cryo-Flow Reactor. <i>Synlett</i> , 2013 , 24, 1298-1302	2.2	10
115	A machine-assisted flow synthesis of SR48692: a probe for the investigation of neurotensin receptor-1. <i>Chemistry - A European Journal</i> , 2013 , 19, 7917-30	4.8	59
114	Synthesis of (-)-Hennoxazole A: Integrating Batch and Flow Chemistry Methods. <i>Synlett</i> , 2013 , 24, 514-518	2.2	16
113	An overview of the synthetic routes to the best selling drugs containing 6-membered heterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2265-319	2.5	513
112	The rapid generation of isothiocyanates in flow. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1613-9	2.5	24
111	A "catch-react-release" method for the flow synthesis of 2-aminopyrimidines and preparation of the Imatinib base. <i>Organic Letters</i> , 2012 , 14, 3920-3	6.2	43
110	The Evolution of Immobilized Reagents and their Application in Flow Chemistry for the Synthesis of Natural Products and Pharmaceutical Compounds 2012 , 359-393		13
109	A total synthesis of millingtonine A. <i>Organic Letters</i> , 2012 , 14, 696-9	6.2	36
108	Continuous flow reaction monitoring using an on-line miniature mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1999-2010	2.2	106
107	Establishing a flow process to coumarin-8-carbaldehydes as important synthetic scaffolds. <i>Chemistry - A European Journal</i> , 2012 , 18, 9901-10	4.8	33
106	The oxygen-mediated synthesis of 1,3-butadiynes in continuous flow: using Teflon AF-2400 to effect gas/liquid contact. <i>ChemSusChem</i> , 2012 , 5, 274-7	8.3	95
105	A Flow-Based Synthesis of 2-Aminoadamantane-2-carboxylic Acid. <i>Organic Process Research and Development</i> , 2012 , 16, 798-810	3.9	60
104	The molecular basis for selective inhibition of unconventional mRNA splicing by an IRE1-binding small molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E869-78	11.5	360
103	Scale-Up of Flow-Assisted Synthesis of C2-Symmetric Chiral PyBox Ligands. <i>Synthesis</i> , 2012 , 2012, 635-647	2.2	5
102	Microwave and flow syntheses of Pseudomonas quinolone signal (PQS) and analogues. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 57-61	3.9	44
101	Synthesis of a drug-like focused library of trisubstituted pyrrolidines using integrated flow chemistry and batch methods. <i>ACS Combinatorial Science</i> , 2011 , 13, 405-13	3.9	39
100	The application of a monolithic triphenylphosphine reagent for conducting Appel reactions in flow microreactors. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1648-55	2.5	35
99	Safe and reliable synthesis of diazoketones and quinoxalines in a continuous flow reactor. <i>Organic Letters</i> , 2011 , 13, 320-3	6.2	117

98	Teflon AF-2400 mediated gas-liquid contact in continuous flow methoxycarbonylations and in-line FTIR measurement of CO concentration. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6903-8	3.9	104
97	A breakthrough method for the accurate addition of reagents in multi-step segmented flow processing. <i>Chemical Science</i> , 2011 , 2, 765	9.4	99
96	A fully automated, multistep flow synthesis of 5-amino-4-cyano-1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1938-47	3.9	90
95	An overview of the key routes to the best selling 5-membered ring heterocyclic pharmaceuticals. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 442-95	2.5	369
94	Piecing together the puzzle: understanding a mild, metal free reduction method for the large scale synthesis of hydrazines. <i>Tetrahedron</i> , 2011 , 67, 10296-10303	2.4	31
93	A new enabling technology for convenient laboratory scale continuous flow processing at low temperatures. <i>Organic Letters</i> , 2011 , 13, 3312-5	6.2	100
92	Flow synthesis of organic azides and the multistep synthesis of imines and amines using a new monolithic triphenylphosphine reagent. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1927-37	3.9	82
91	The flow synthesis of heterocycles for natural product and medicinal chemistry applications. <i>Molecular Diversity</i> , 2011 , 15, 613-30	3.1	139
90	The Continuous-Flow Synthesis of Carboxylic Acids using CO ₂ in a Tube-In-Tube Gas Permeable Membrane Reactor. <i>Angewandte Chemie</i> , 2011 , 123, 1222-1225	3.6	41
89	The continuous-flow synthesis of carboxylic acids using CO ₂ in a tube-in-tube gas permeable membrane reactor. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1190-3	16.4	185
88	Diastereoselective chain-elongation reactions using microreactors for applications in complex molecule assembly. <i>Chemistry - A European Journal</i> , 2011 , 17, 3398-405	4.8	42
87	Hydrogenation in flow: Homogeneous and heterogeneous catalysis using Teflon AF-2400 to effect gas/liquid contact at elevated pressure. <i>Chemical Science</i> , 2011 , 2, 1250	9.4	168
86	Continuous Flow Processing of Slurries: Evaluation of an Agitated Cell Reactor. <i>Organic Process Research and Development</i> , 2011 , 15, 693-697	3.9	119
85	An Integrated Flow and Batch-Based Approach for the Synthesis of O-Methyl Siphonazole. <i>Synlett</i> , 2011 , 2011, 1375-1380	2.2	9
84	The Continuous-Flow Synthesis of Styrenes Using Ethylene in a Palladium-Catalysed Heck Cross-Coupling Reaction. <i>Synlett</i> , 2011 , 2011, 2643-2647	2.2	18
83	Oxidation Reactions in Segmented and Continuous Flow Chemical Processing Using an N-(tert-Butyl)phenylsulfinimidoyl Chloride Monolith. <i>Synlett</i> , 2011 , 2011, 869-873	2.2	7
82	Syngas-Mediated C-C Bond Formation in Flow: Selective Rhodium-Catalysed Hydroformylation of Styrenes. <i>Synlett</i> , 2011 , 2011, 2648-2651	2.2	18
81	Synthesis of 3-Nitropyrrolidines via Dipolar Cycloaddition Reactions Using a Modular Flow Reactor. <i>Synlett</i> , 2010 , 2010, 749-752	2.2	9

80	Enzymatic Oxidative Cyclisation Reactions Leading to Dibenzoazocanes. <i>Synlett</i> , 2010 , 2010, 1919-1922	2.2	3
79	A Flow Process Using Microreactors for the Preparation of a Quinolone Derivative as a Potent 5HT1B Antagonist. <i>Synlett</i> , 2010 , 2010, 505-508	2.2	9
78	Multiple Microcapillary Reactor for Organic Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 4576-4582	3.9	38
77	The continuous flow synthesis of butane-2,3-diacetal protected building blocks using microreactors. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1588-95	3.9	44
76	ReactIR Flow Cell: A New Analytical Tool for Continuous Flow Chemical Processing. <i>Organic Process Research and Development</i> , 2010 , 14, 393-404	3.9	205
75	Preparation of arylsulfonyl chlorides by chlorosulfonylation of in situ generated diazonium salts using a continuous flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 5324-32	3.9	103
74	Flow ozonolysis using a semipermeable Teflon AF-2400 membrane to effect gas-liquid contact. <i>Organic Letters</i> , 2010 , 12, 1596-8	6.2	253
73	Synthesis of Highly Substituted Nitropyrrolidines, Nitropyrrolizines and Nitropyrroles via Multicomponent-Multistep Sequences within a Flow Reactor. <i>Heterocycles</i> , 2010 , 82, 1297	0.8	16
72	A flow-based synthesis of imatinib: the API of Gleevec. <i>Chemical Communications</i> , 2010 , 46, 2450-2	5.8	159
71	KMnO(4)-Mediated oxidation as a continuous flow process. <i>Organic Letters</i> , 2010 , 12, 3618-21	6.2	163
70	The application of flow microreactors to the preparation of a family of casein kinase I inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1798-806	3.9	74
69	A Palladium Wall Coated Microcapillary Reactor for Use in Continuous Flow Transfer Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1736-1745	5.6	42
68	Multi-step synthesis by using modular flow reactors: the preparation of yne--ones and their use in heterocycle synthesis. <i>Chemistry - A European Journal</i> , 2010 , 16, 89-94	4.8	90
67	A continuous flow process using a sequence of microreactors with in-line IR analysis for the preparation of N,N-diethyl-4-(3-fluorophenylpiperidin-4-ylidenemethyl)benzamide as a potent and highly selective μ opioid receptor agonist. <i>Chemistry - A European Journal</i> , 2010 , 16, 12342-8	4.8	85
66	A Base-Catalysed One-Pot Three-Component Coupling Reaction Leading to Nitrosubstituted Pyrroles. <i>Synthesis</i> , 2009 , 2009, 1485-1493	2.9	2
65	Pd-EnCat TM TPP30 as a Catalyst for the Generation of Highly Functionalized Aryl- and Alkenyl-Substituted Acetylenes via Microwave-Assisted Sonogashira Type Reactions. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4412-4420	3.2	42
64	Multistep synthesis using modular flow reactors: Bestmann-Ohira reagent for the formation of alkynes and triazoles. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4017-21	16.4	211
63	Development of fluorination methods using continuous-flow microreactors. <i>Tetrahedron</i> , 2009 , 65, 6611-6625	12.6	121

62	A microfluidic flow chemistry platform for organic synthesis: the Hofmann rearrangement. <i>Tetrahedron Letters</i> , 2009 , 50, 3287-3289	2	64
61	Continuous flow based catch and release protocol for the synthesis of alpha-ketoesters. <i>Beilstein Journal of Organic Chemistry</i> , 2009 , 5, 23	2.5	33
60	Synthesis of acetal protected building blocks using flow chemistry with flow I.R. analysis: preparation of butane-2,3-diacetal tartrates. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4594-7	3.9	67
59	An efficient and transition metal free protocol for the transfer hydrogenation of ketones as a continuous flow process. <i>Green Chemistry</i> , 2009 , 11, 683	10	41
58	A bifurcated pathway to thiazoles and imidazoles using a modular flow microreactor. <i>ACS Combinatorial Science</i> , 2008 , 10, 851-7		47
57	A modular flow reactor for performing Curtius rearrangements as a continuous flow process. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1577-86	3.9	114
56	The application of focused microwave irradiation coupled with freeze drying to investigate the reaction of MgO and Al ₂ O ₃ slurries in the formation of layered double hydroxides. <i>Green Chemistry</i> , 2008 , 10, 629	10	7
55	Azide monoliths as convenient flow reactors for efficient Curtius rearrangement reactions. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1587-93	3.9	109
54	The Use of Diethylaminosulfur Trifluoride (DAST) for Fluorination in a Continuous-Flow Microreactor. <i>Synlett</i> , 2008 , 2008, 2111-2114	2.2	18
53	A New Focused Microwave Approach to the Synthesis of Amino-Substituted Pyrroloisoquinolines and Pyrroloquinolines via a Sequential Multi-Component Coupling Process. <i>Synthesis</i> , 2008 , 2008, 1688-1702	2.8	2
52	The Changing Face of Organic Synthesis. <i>Chimia</i> , 2008 , 62, 162-168	1.3	76
51	A Microcapillary Flow Disc Reactor for Organic Synthesis. <i>Organic Process Research and Development</i> , 2007 , 11, 399-405	3.9	125
50	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1559-61	3.9	116
49	Pharmaceutical strategy and innovation: an academics perspective. <i>ChemMedChem</i> , 2007 , 2, 768-88	3.7	42
48	Microwave reactions under continuous flow conditions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 802-36	1.3	120
47	Tagged phosphine reagents to assist reaction work-up by phase-switched scavenging using a modular flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 1562-8	3.9	55
46	Flow and batch mode focused microwave synthesis of 5-amino-4-cyanopyrazoles and their further conversion to 4-aminopyrazolopyrimidines. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2758-61	3.9	75
45	Microwave-assisted Suzuki coupling reactions with an encapsulated palladium catalyst for batch and continuous-flow transformations. <i>Chemistry - A European Journal</i> , 2006 , 12, 4407-16	4.8	210

44	Preparation of the Neolignan Natural Product Grossamide by a Continuous-Flow Process. <i>Synlett</i> , 2006 , 2006, 0427-0430	2.2	16
43	Solid supported reagents in multi-step flow synthesis. <i>Ernst Schering Research Foundation Workshop</i> , 2006 , 151-85		29
42	A flow process for the multi-step synthesis of the alkaloid natural product oxomaritidine: a new paradigm for molecular assembly. <i>Chemical Communications</i> , 2006 , 2566-8	5.8	283
41	A flow reactor process for the synthesis of peptides utilizing immobilized reagents, scavengers and catch and release protocols. <i>Chemical Communications</i> , 2006 , 4835-7	5.8	83
40	Fully automated continuous flow synthesis of 4,5-disubstituted oxazoles. <i>Organic Letters</i> , 2006 , 8, 5231-4.2	4.2	111
39	Natural Products as an Inspiration for the Discovery of New High-Throughput Chemical Synthesis Tools 2006 , 51-89		2
38	The Use of Polymer-Supported Reagents and Scavengers in the Synthesis of Natural Products. <i>Critical Reviews in Combinatorial Chemistry</i> , 2006 , 131-163		4
37	The Use of Polymer-Supported Reagents and Scavengers in the Synthesis of Natural Products 2006 , 131-164		
36	Formation of 4-aminopyrimidines via the trimerization of nitriles using focused microwave heating. <i>ACS Combinatorial Science</i> , 2005 , 7, 483-9		25
35	Non-metal-catalysed intramolecular alkyne cyclotrimerization reactions promoted by focussed microwave heating in batch and flow modes. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3365-8	3.9	79
34	Synthesis of the Alkaloid Natural Products (+)-Plicane and (±)-Obliquine, Using Polymer-Supported Reagents and Scavengers <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 8588-8592	3.9	39
33	Supported Reagents and Scavengers in Multi-step Organic Synthesis 2005 , 53-136		1
32	The rapid preparation of 2-aminosulfonamide-1,3,4-oxadiazoles using polymer-supported reagents and microwave heating. <i>Tetrahedron</i> , 2005 , 61, 5323-5349	2.4	100
31	A phase-switch purification approach for the expedient removal of tagged reagents and scavengers following their application in organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 3140-60	3.9	30
30	Synthesis of Alkaloid Natural Products Using Solid-Supported Reagents and Scavengers. <i>Current Organic Chemistry</i> , 2005 , 9, 1521-1534	1.7	29
29	Multi-step application of immobilized reagents and scavengers: a total synthesis of epothilone C. <i>Chemistry - A European Journal</i> , 2004 , 10, 2529-47	4.8	76
28	Microwave assisted Leimgruber-Batcho reaction for the preparation of indoles, azaindoles and pyrrolylquinolines. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 160-7	3.9	81
27	Enantioselective Synthesis of the Tetrahydrobenzylisoquinoline Alkaloid (-)-Norarmepavine Using Polymer Supported Reagents. <i>Heterocycles</i> , 2003 , 60, 2707	0.8	11

26	Development of New Synthetic Tools for the Preparation of Biologically Active Molecules. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2003 , 235-244		
25	Solid-supported reagents for multi-step organic synthesis: preparation and application. <i>Il Farmaco</i> , 2002 , 57, 321-30		62
24	Total Synthesis of the Amaryllidaceae Alkaloid (+)-Plicamine and Its Unnatural Enantiomer by Using Solid-Supported Reagents and Scavengers in a Multistep Sequence of Reactions. <i>Angewandte Chemie</i> , 2002 , 114, 2298	3.6	26
23	Total synthesis of the amaryllidaceae alkaloid (+)-plicamine and its unnatural enantiomer by using solid-supported reagents and scavengers in a multistep sequence of reactions. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2194-7	16.4	114
22	Organic synthesis in a changing world. <i>Chemical Record</i> , 2002 , 2, 377-88	6.6	30
21	Total synthesis of the amaryllidaceae alkaloid (+)-plicamine using solid-supported reagents. <i>Tetrahedron</i> , 2002 , 58, 6285-6304	2.4	101
20	New tools and concepts for modern organic synthesis. <i>Nature Reviews Drug Discovery</i> , 2002 , 1, 573-86	64.1	186
19	A concise synthesis of carpanone using solid-supported reagents and scavengers. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 1850-1857		78
18	Synthesis of trifluoromethyl ketones using polymer-supported reagents. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2002 , 5, 197-9	1.3	17
17	A Polymer-supported Iridium Catalyst for the Stereoselective Isomerisation of Double Bonds. <i>Synlett</i> , 2002 , 2002, 0516-0518	2.2	36
16	Application of Polymer-Supported Enzymes and Reagents in the Synthesis of γ -Aminobutyric Acid (GABA) Analogues. <i>Synlett</i> , 2002 , 2002, 1641-1644	2.2	8
15	Synthesis of nornicotine, nicotine and other functionalised derivatives using solid-supported reagents and scavengers. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 143-154		3
14	A Clean Conversion of Aldehydes to Nitriles Using a Solid-Supported Hydrazine. <i>Synlett</i> , 2002 , 2002, 0775-0777	2.7	27
13	A Concise Synthesis of the Natural Product Carpanone Using Solid-Supported Reagents and Scavengers. <i>Synlett</i> , 2001 , 2001, 1482-1484	2.2	39
12	Synthesis of New Chiral 2,2'-Bipyridyl-Type Ligands, Their Coordination to Molybdenum(0), Copper(II), and Palladium(II), and Application in Asymmetric Allylic Substitution, Allylic Oxidation, and Cyclopropanation. <i>Organometallics</i> , 2001 , 20, 673-690	3.8	112
11	Molybdenum(0) and tungsten(0) catalysts with enhanced reactivity for allylic substitution: regioselectivity and solvent effects. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001 , 1234-1240		24
10	Polymer-supported reagents for multi-step organic synthesis: application to the synthesis of sildenafil. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 1983-6	2.9	80
9	Clean and efficient synthesis of azo dyes using polymer-supported reagents. <i>Green Chemistry</i> , 2000 , 2, 43-46	10	36

8	Multi-step organic synthesis using solid-supported reagents and scavengers: a new paradigm in chemical library generation. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 3815-4195		599
7	Molybdenum(II)-Catalyzed Allylation of Electron-Rich Aromatics and Heteroaromatics. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2751-2764	4.2	119
6	Molybdenum(II)- and Tungsten(II)-Catalyzed Allylic Substitution. <i>Journal of Organic Chemistry</i> , 1999 , 64, 2737-2750	4.2	50
5	Molybdenum(II)-catalyzed allylic substitution. <i>Tetrahedron Letters</i> , 1997 , 38, 4895-4898	2	12
4	Organic Chemistry in Microreactors59-209		6
3	Integrating Microwave-Assisted Synthesis and Solid-Supported Reagents133-176		15
2	Identification of potential biological targets of oxindole scaffolds via in silico repositioning strategies. <i>F1000Research</i> ,11, 217	3.6	
1	Identification of potential biological targets of oxindole scaffolds via in silico repositioning strategies. <i>F1000Research</i> ,11, 217	3.6	