

Anita R Maguire

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.

180
papers

5,606
citations

35
h-index

68
g-index

221
ext. papers

6,268
ext. citations

4.4
avg, IF

5.86
L-index

#	Paper	IF	Citations
180	Generation of Tosyl Azide in Continuous Flow Using an Azide Resin, and Telescoping with Diazo Transfer and Rhodium Acetate-Catalyzed O-H Insertion.. <i>Organic Process Research and Development</i> , 2021 , 25, 2772-2785	3.9	1
179	Synthesis and reactivity of β -sulphenyl-chloroenones, including oxidation and Stille cross-coupling to form chalcone derivatives. <i>Tetrahedron</i> , 2021 , 88, 132091	2.4	1
178	Exploring the synthetic potential of a marine transaminase including discrimination at a remote stereocentre. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 188-198	3.9	
177	Dirhodium Carboxylate Catalysts from 2-Fenchoxy or 2-Menthyloxy Arylacetic Acids: Enantioselective C-H Insertion, Aromatic Addition and Oxonium Ylide Formation/Rearrangement. <i>ChemCatChem</i> , 2021 , 13, 4318-4324	5.2	0
176	Exploiting Continuous Processing for Challenging Diazo Transfer and Telescoped Copper-Catalyzed Asymmetric Transformations. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13955-13982	4.2	1
175	Telescoped diazo transfer and rhodium-catalysed β insertion in continuous flow. <i>Tetrahedron Letters</i> , 2021 , 83, 153438	2	1
174	Epimers with distinct mechanical behaviours. <i>CrystEngComm</i> , 2021 , 23, 5848-5855	3.3	1
173	Scale-up and Optimization of a Continuous Flow Synthesis of an α -thio-chloroacrylamide. <i>Organic Process Research and Development</i> , 2020 , 24, 1978-1987	3.9	1
172	Localized Partitioning of Enantiomers in Solid Samples of Sulfoxides: Importance of Sampling Method in Determination of Enantiopurity. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10216-10221	4.2	2
171	Synthetic and mechanistic aspects of sulfonyl migrations. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 2549-2610	3.9	18
170	Stereoselective C-C Bond-Forming Reactions Through C(sp ³) α -H Bond Insertion of Metal Carbenoids 2019 , 1-49		
169	Synthesis of 1,2,5-oxathiazole-S-oxides by 1,3-dipolar cycloadditions of nitrile oxides to β -exo sulfines. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 622-638	3.9	2
168	Regioselective Thermal [3+2]-Dipolar Cycloadditions of α -Diazoacetates with β -sulphenyl/Sulfinyl/Sulfonyl-chloroacrylamide Derivatives to Form Densely Functionalised Pyrazoles. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 5368-5384	3.2	7
167	Mechanistic Study of In Situ Generation and Use of Methanesulfonyl Azide as a Diazo Transfer Reagent with Real-Time Monitoring by FlowNMR. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3575-3580	3.2	1
166	Desymmetrization by Asymmetric Copper-Catalyzed Intramolecular C-H Insertion Reactions of α -Diazo- β -xosulfones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 7543-7563	4.2	11
165	The Impact of Recent Developments in Technologies which Enable the Increased Use of Biocatalysts. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3713-3734	3.2	20
164	Identification of an Esterase Isolated Using Metagenomic Technology which Displays an Unusual Substrate Scope and its Characterisation as an Enantioselective Biocatalyst. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 2466-2474	5.6	2

163	Genome mining and characterisation of a novel transaminase with remote stereoselectivity. <i>Scientific Reports</i> , 2019 , 9, 20285	4.9	6
162	Synthesis and use of a cost-effective, aqueous soluble diazo transfer reagent □ m-carboxybenzenesulfonyl azide. <i>Tetrahedron Letters</i> , 2019 , 60, 35-39	2	7
161	Alpha-carboxynucleoside phosphonates: direct-acting inhibitors of viral DNA polymerases. <i>Future Medicinal Chemistry</i> , 2019 , 11, 137-154	4.1	5
160	Integration of high and low field 1H NMR to analyse the effects of bovine dietary regime on milk metabolomics and protein-bound moisture characterisation of the resulting mozzarella cheeses during ripening. <i>International Dairy Journal</i> , 2019 , 91, 155-164	3.5	10
159	Exploring the Crystal Landscape of 3-Methyl-2-phenylbutyramide: Crystallization of Metastable Racemic Forms from the Stable Conglomerate. <i>Crystal Growth and Design</i> , 2018 , 18, 3549-3557	3.5	2
158	Substrate and Catalyst Effects in the Enantioselective Copper-Catalysed C≡N Insertion Reactions of □Diazotrans Sulfoxes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2277-2289	3.2	10
157	Dynamic kinetic resolution of 2-methyl-2-nitrocyclohexanol: Combining the intramolecular nitroaldol (Henry) reaction & lipase-catalysed resolution. <i>Tetrahedron</i> , 2018 , 74, 1435-1443	2.4	9
156	Copper-Mediated, Heterogeneous, Enantioselective Intramolecular Buchner Reactions of □Diazoketones Using Continuous Flow Processing. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3794-3805	4.2	22
155	Solubility Measurement and Thermodynamic Modeling of N-(4-Methylphenyl)-Z-3-chloro-2-(phenylthio)propenamide in 12 Pure Solvents at Temperatures Ranging from 278.15 to 318.15 K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 1419-1428	2.8	8
154	Synthesis of Guanine □Carboxy Nucleoside Phosphonate (G-□CNP), a Direct Inhibitor of Multiple Viral DNA Polymerases. <i>Journal of Organic Chemistry</i> , 2018 , 83, 10510-10517	4.2	5
153	Cocrystals and a Salt of the Bioactive Flavonoid: Naringenin. <i>Crystal Growth and Design</i> , 2018 , 18, 4571-4577	3.7	12
152	Synthesis of Cyclic □Diazotrans Sulfoxides in Batch and Continuous Flow. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3666-3679	4.2	13
151	Enantioselective copper catalysed intramolecular C-H insertion reactions of □Diazotrans sulfoxes, □Diazotrans phosphine oxides and 2-diazo-1,3-diketones; the influence of the carbene substituent. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 2609-2628	3.9	11
150	Symmetry assisted tuning of bending and brittle multi-component forms of probenecid. <i>Chemical Communications</i> , 2017 , 53, 3381-3384	5.8	23
149	Guanine □Carboxy nucleoside phosphonate (G-□CNP) shows a different inhibitory kinetic profile against the DNA polymerases of human immunodeficiency virus (HIV) and herpes viruses. <i>Biochemical Pharmacology</i> , 2017 , 136, 51-61	6	6
148	Hydrolase-mediated resolution of the hemiacetal in 2-chromanols: The impact of remote substitution. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 577-585		6
147	Exploiting the Continuous in situ Generation of Mesityl Azide for Use in a Telescoped Process. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 6533-6539	3.2	21
146	Impact of variation of the acyl group on the efficiency and selectivity of the lipase-mediated resolution of 2-phenylalkanols. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1144-1153		4

145	Delivering enhanced efficiency in the synthesis of β -diazosulfoxides by exploiting the process control enabled in flow. <i>Journal of Flow Chemistry</i> , 2016 , 6, 226-233	3.3	4
144	Substrate and catalyst effects in C β insertion reactions of β -diazoacetamides. <i>Tetrahedron Letters</i> , 2016 , 57, 5399-5406	2	18
143	Generation, Reactivity and Uses of Sulfoxides in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1630-1650	3.2	14
142	Diversity in a simple co-crystal: racemic and kryptoracemic behaviour. <i>Chemical Communications</i> , 2016 , 52, 8309-12	5.8	8
141	Exploring the role of the β -carboxyphosphonate moiety in the HIV-RT activity of β -carboxy nucleoside phosphonates. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2454-65	3.9	12
140	Design and Synthesis of Ternary Cocrystals Using Carboxyphenols and Two Complementary Acceptor Compounds. <i>Crystal Growth and Design</i> , 2016 , 16, 59-69	3.5	33
139	Taming tosyl azide: the development of a scalable continuous diazo transfer process. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 3423-31	3.9	33
138	Development of a continuous process for β -thio- β -chloroacrylamide synthesis with enhanced control of a cascade transformation. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 2511-2522	2.5	7
137	Chirality Related to Biocatalysis and Enzymes in Organic Synthesis 2016 , 343-406		
136	The impact of storage conditions upon gentamicin coated antimicrobial implants. <i>Journal of Pharmaceutical Analysis</i> , 2016 , 6, 374-381	14	7
135	Conformational States of HIV-1 Reverse Transcriptase for Nucleotide Incorporation vs Pyrophosphorolysis-Binding of Foscarnet. <i>ACS Chemical Biology</i> , 2016 , 11, 2158-64	4.9	27
134	Exploring the Scope of Asymmetric Synthesis of β -Hydroxy- β -lactams via Noyori-type Reductions. <i>Organic Letters</i> , 2016 , 18, 4978-4981	6.2	10
133	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3475-80	11.5	25
132	Investigating C \cdots S \cdots Halogen Bonding for Cocrystallization with Primary Thioamides. <i>Crystal Growth and Design</i> , 2015 , 15, 3442-3451	3.5	24
131	Synthesis of novel 24-amino-25,26,27-trinorlanost-8-enes: cytotoxic and apoptotic potential in U937 cells. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 2270-80	3.4	8
130	A study of the norcaradiene-cycloheptatriene equilibrium in a series of azulenes by NMR spectroscopy; the impact of substitution on the position of equilibrium. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 11026-38	3.9	14
129	Pronounced Inhibition Shift from HIV Reverse Transcriptase to Herpetic DNA Polymerases by Increasing the Flexibility of β -Carboxy Nucleoside Phosphonates. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 8110-27	8.3	9
128	Modern Organic Synthesis with β -Diazocarbonyl Compounds. <i>Chemical Reviews</i> , 2015 , 115, 9981-10080	68.1	924

127	Cocrystallization of Nutraceuticals. <i>Crystal Growth and Design</i> , 2015 , 15, 984-1009	3.5	68
126	Taming hazardous chemistry in flow: the continuous processing of diazo and diazonium compounds. <i>Chemistry - A European Journal</i> , 2015 , 21, 2298-308	4.8	147
125	Novel co-crystals of the nutraceutical sinapic acid. <i>CrystEngComm</i> , 2015 , 17, 4832-4841	3.3	32
124	Leveraging an Industrial/Academic Partnership To Optimize Small Molecule Process Development within the Pharmaceutical Industry. <i>Organic Process Research and Development</i> , 2015 , 19, 344-346	3.9	5
123	Design and synthesis of β -carboxy nucleoside phosphonate analogues and evaluation as HIV-1 reverse transcriptase-targeting agents. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2479-93	4.2	20
122	Hetero-Wolff Rearrangement of an α -Sulfinyl Carbene: Thermally Activated Intersystem Crossing of the Lowest Excited Triplet State of a Ground-State Singlet Carbene. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2297-2304	3.2	11
121	Insight into the Mechanism of Formation of Channel Hydrates via Templating. <i>Crystal Growth and Design</i> , 2014 , 14, 1158-1166	3.5	9
120	Catalyst and substituent effects on the rhodium(II)-catalysed intramolecular Buchner reaction. <i>Tetrahedron</i> , 2014 , 70, 6870-6878	2.4	21
119	Enantioselective copper catalysed C-H insertion reaction of 2-sulfonyl-2-diazoacetamides to form β -lactams. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 7612-28	3.9	22
118	Baker's-Yeast-Mediated Reduction of Sulfur-Containing Compounds. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3737-3756	3.2	10
117	Preparation of 2-aminopyridoimidazoles and 2-aminobenzimidazoles via phosphorus oxychloride-mediated cyclization of aminoureas. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3688-95	4.2	5
116	Crystal Landscape of Primary Aromatic Thioamides. <i>Crystal Growth and Design</i> , 2014 , 14, 2753-2762	3.5	22
115	Synthetic and Mechanistic Aspects on the Competition between C-H Insertion and Hydride Transfer in Copper-Mediated Transformations of α -Diazo- β -Keto Sulfones. <i>Synlett</i> , 2014 , 25, 591-595	2.2	4
114	Baker's Yeast Mediated Reduction of 2-Acetyl-3-methyl Sulfolane. <i>Catalysts</i> , 2014 , 4, 186-195	4	5
113	Total synthesis and biological evaluation of grassypeptolide A. <i>Chemistry - A European Journal</i> , 2013 , 19, 6774-84	4.8	33
112	Copper-catalysed enantioselective intramolecular C-H insertion reactions of α -diazo- β -keto esters and α -diazo- β -keto phosphonates. <i>Tetrahedron Letters</i> , 2013 , 54, 2799-2801	2	16
111	Synthesis and assessment of the relative toxicity of the oxidised derivatives of campesterol and dihydrobrassicasterol in U937 and HepG2 cells. <i>Biochimie</i> , 2013 , 95, 496-503	4.6	19
110	A novel cyclinE/cyclinA-CDK inhibitor targets p27(Kip1) degradation, cell cycle progression and cell survival: implications in cancer therapy. <i>Cancer Letters</i> , 2013 , 333, 103-12	9.9	36

109	Investigation of steric and electronic effects in the copper-catalysed asymmetric oxidation of sulfides. <i>Tetrahedron</i> , 2013 , 69, 10168-10184	2.4	24
108	Influence of the position of the substituent on the efficiency of lipase-mediated resolutions of 3-aryl alkanolic acids. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 1480-1487		10
107	Co-crystallisation through halogen bonding with racemic or enantiopure sulfinamides. <i>CrystEngComm</i> , 2013 , 15, 7571	3.3	5
106	Design and synthesis of stable β -diazo- β -exo sulfoxides. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1706-25	3.9	13
105	Catalyst, additive and counterion effects on the efficiency and enantioselectivity of copper-catalysed C-H insertion reactions of β -diazosulfones. <i>Tetrahedron</i> , 2013 , 69, 1297-1301	2.4	17
104	Synthetic approaches to the daucane sesquiterpene derivatives employing the intramolecular Buchner cyclisation of β -diazoketones. <i>Tetrahedron</i> , 2013 , 69, 1778-1794	2.4	16
103	Asymmetric oxidation of sulfides. <i>Journal of Sulfur Chemistry</i> , 2013 , 34, 301-341	2.3	50
102	Electronic effects of aryl-substituted bis(oxazoline) ligands on the outcome of asymmetric copper-catalysed C-H insertion and aromatic addition reactions. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 1265-1275		8
101	Synthesis and evaluation of novel ellipticines as potential anti-cancer agents. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1334-44	3.9	46
100	Anti-inflammatory properties of potato glycoalkaloids in stimulated Jurkat and Raw 264.7 mouse macrophages. <i>Life Sciences</i> , 2013 , 92, 775-82	6.8	45
99	Total synthesis of padanamides A and B. <i>Chemical Communications</i> , 2013 , 49, 2977-9	5.8	16
98	Telescoped approach to aryl hydroxymethylation in the synthesis of a key pharmaceutical intermediate. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5955-63	4.2	9
97	Cytotoxic and apoptotic potential of potato glycoalkaloids in a number of cancer cell lines. <i>Journal of Agricultural Science and Applications</i> , 2013 , 02, 184-192		3
96	Characterisation, solubility and intrinsic dissolution behaviour of benzamide: dibenzyl sulfoxide cocrystal. <i>International Journal of Pharmaceutics</i> , 2012 , 422, 24-32	6.5	33
95	Development of O-H insertion for the attachment of phosphonates to nucleosides; synthesis of β -carboxy phosphononucleosides. <i>Tetrahedron</i> , 2012 , 68, 1894-1909	2.4	7
94	Synthetic routes to campesterol and dihydrobrassicasterol: a first reported synthesis of the key phytosterol dihydrobrassicasterol. <i>Tetrahedron</i> , 2012 , 68, 4995-5004	2.4	9
93	Expanded scope of heterocyclic biaryl synthesis via a palladium-catalysed thermal decarboxylative cross-coupling reaction. <i>Tetrahedron Letters</i> , 2012 , 53, 403-405	2	15
92	Investigating the influence of the sulfur oxidation state on solid state conformation. <i>CrystEngComm</i> , 2012 , 14, 7848	3.3	

91	Understanding the p-Toluenesulfonamide/Triphenylphosphine Oxide Crystal Chemistry: A New 1:1 Cocrystal and Ternary Phase Diagram. <i>Crystal Growth and Design</i> , 2012 , 12, 869-875	3.5	25
90	Oxidized derivatives of dihydrobrassicasterol: cytotoxic and apoptotic potential in U937 and HepG2 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 5952-61	5.7	16
89	Asymmetric synthesis of cis-7-methoxycalamenene via the intramolecular Buchner reaction of an α -diazoketone. <i>Journal of Organic Chemistry</i> , 2012 , 77, 2035-40	4.2	22
88	Biocatalytic Approaches to the Henry (Nitroaldol) Reaction. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3059-3067	3.2	88
87	Utilizing Sulfoxide \cdots Iodine Halogen Bonding for Cocrystallization. <i>Crystal Growth and Design</i> , 2012 , 12, 2969-2977	3.5	23
86	Copper-catalyzed asymmetric oxidation of sulfides. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3288-96	4.2	54
85	Investigation of Additive Effects in Enantioselective Copper-Catalysed C-H Insertion and Aromatic Addition Reactions of α -Diazocarbonyl Compounds. <i>Synlett</i> , 2012 , 23, 765-767	2.2	13
84	Recent trends in whole cell and isolated enzymes in enantioselective synthesis. <i>Arkivoc</i> , 2012 , 2012, 321-332	3.9	35
83	Cocrystals of Fenamic Acids with Nicotinamide. <i>Crystal Growth and Design</i> , 2011 , 11, 3522-3528	3.5	89
82	Unzipping the Dimer in Primary Amides by Cocrystallization with Sulfoxides. <i>Crystal Growth and Design</i> , 2011 , 11, 4433-4439	3.5	11
81	A Practical Synthesis of Biaryls via a Thermal Decarboxylative Pd-Catalyzed Cross-Coupling Reaction Operating at Moderate Temperature. <i>Organic Process Research and Development</i> , 2011 , 15, 981-985	3.9	22
80	ReactNMR and ReactIR as reaction monitoring and mechanistic elucidation tools: the NCS mediated cascade reaction of α -thioamides to α -thio- β -chloroacrylamides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9630-40	4.2	59
79	Design and synthesis of β -carboxy phosphononucleosides. <i>Journal of Organic Chemistry</i> , 2011 , 76, 105-26	4.2	27
78	Pleiotropic role for monocyte C-fms protein in response to vascular injury: potential therapeutic target. <i>Atherosclerosis</i> , 2011 , 216, 74-82	3.1	7
77	A practical chemo-enzymatic approach to highly enantio-enriched cyanohydrin acetates. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 2144-2150		4
76	Expanding the crystal landscape of isonicotinamide: concomitant polymorphism and co-crystallisation. <i>CrystEngComm</i> , 2011 , 13, 6923	3.3	37
75	The use of co-crystals for the determination of absolute stereochemistry: an alternative to salt formation. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1159-62	4.2	15
74	Addition-substitution reactions of 2-thio-3-chloroacrylamides with carbon, nitrogen, oxygen, sulfur and selenium nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 2452-72	3.9	15

73	Bioactivities of glycoalkaloids and their aglycones from Solanum species. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 3454-84	5.7	156
72	Lipase catalysed kinetic resolutions of 3-aryl alkanolic acids. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 47-61		26
71	Confab - Systematic generation of diverse low-energy conformers. <i>Journal of Cheminformatics</i> , 2011 , 3, 8	8.6	152
70	Evaluation of the Bruker SMART X2S: crystallography for the nonspecialist?. <i>Journal of Applied Crystallography</i> , 2011 , 44, 213-215	3.8	28
69	Modifications to the Vilsmeier-Haack formylation of 1,4-dimethylcarbazole and its application to the synthesis of ellipticines. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 814-823	1.9	10
68	Asymmetric copper-catalysed intramolecular C-H insertion reactions of α -diazo- β -keto sulfones. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 667-9	3.9	28
67	The norcaradiene-cycloheptatriene equilibrium. <i>Tetrahedron</i> , 2011 , 67, 9-40	2.4	84
66	Selective β -oxidation of β -sulfonyl amides. <i>Tetrahedron</i> , 2011 , 67, 5494-5499	2.4	0
65	Stereoselective Synthesis of 2-Thio-3-Chloroacrylamides and Investigation of their Reactivity. <i>Synlett</i> , 2011 , 2011, 1212-1232	2.2	5
64	Cytotoxic and apoptotic effects of the oxidized derivatives of stigmasterol in the U937 human monocytic cell line. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 10793-8	5.7	32
63	Synthesis and characterization of stigmasterol oxidation products. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 1165-73	5.7	29
62	Process Development and Pilot-Plant Synthesis of (2-Chlorophenyl)[2-(phenylsulfonyl)pyridin-3-yl]methanone. <i>Organic Process Research and Development</i> , 2010 , 14, 1229-1238	3.9	7
61	Highly enantioselective intramolecular copper catalyzed C-H insertion reactions of α -diazosulfones. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1184-5	16.4	65
60	Asymmetric 1,3-dipolar cycloadditions of acrylamides. <i>Chemical Society Reviews</i> , 2010 , 39, 845-83	58.5	227
59	1,3-Dipolar cycloadditions of 2-thio-3-chloroacrylamides with diazoalkanes. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 2735-48	3.9	22
58	The influence of reaction conditions on the Diels-Alder cycloadditions of 2-thio-3-chloroacrylamides; investigation of thermal, catalytic and microwave conditions. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 5602-13	3.9	21
57	Sulfoxides: Potent Co-Crystal Formers. <i>Crystal Growth and Design</i> , 2010 , 10, 4243-4245	3.5	22
56	Does intermolecular $\text{SO}_2\text{H}\cdots\text{O}$ hydrogen bonding in sulfoxides and sulfones provide a robust supramolecular synthon in the solid state?. <i>CrystEngComm</i> , 2010 , 12, 2910	3.3	15

55	Diastereoselective sulfur oxidation of 2-thio-3-chloroacrylamides. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 871-884		14
54	Efficient kinetic bioresolution of 2-nitrocyclohexanol. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1011-1016		13
53	Synthesis and stereoselective oxidation of β -thio- β -chloropropenyloxazolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 2550-2558		5
52	Synthetic approaches to bicyclo[5.3.0]decane sesquiterpenes. <i>Tetrahedron</i> , 2010 , 66, 1131-1175	2.4	85
51	1,3-Dipolar cycloadditions of 2-thio-3-chloroacrylamides with nitrile oxides and nitrones. <i>Tetrahedron</i> , 2010 , 66, 4564-4572	2.4	13
50	Catalytic asymmetric C-H insertion reactions of β -diazocarbonyl compounds. <i>Tetrahedron</i> , 2010 , 66, 6681-6705	2.4	103
49	Convenient and robust one-pot synthesis of symmetrical and unsymmetrical benzyl thioethers from benzyl halides using thiourea. <i>Arkivoc</i> , 2010 , 2010, 216-228	0.9	14
48	Phytosterol Oxidation Products: Their Formation, Occurrence, and Biological Effects. <i>Food Reviews International</i> , 2009 , 25, 157-174	5.5	47
47	Enhancement of Enantioselection in the Copper-Catalysed Intramolecular Böhner Reaction by Variation of the Counterion. <i>Synlett</i> , 2009 , 2009, 2312-2314	2.2	7
46	Synthesis of aryl benzyl NH-sulfoximines. <i>Tetrahedron</i> , 2009 , 65, 10660-10670	2.4	18
45	Efficient construction of novel carbocyclic frameworks via intramolecular aromatic addition of diazoketones followed by Diels-Alder cycloaddition. <i>Arkivoc</i> , 2009 , 2009, 130-151	0.9	6
44	Engineered dehydrogenase biocatalysts for non-natural amino acids: efficient isolation of the D-enantiomer from racemic mixtures. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 3611-5	3.9	15
43	Investigation of the chemoselective and enantioselective oxidation of β -thio- β -chloroacrylamides. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 1256-1273		11
42	Investigation of the reaction of β -thioamides, β -esters and β -nitriles with N-halosuccinimides. <i>Tetrahedron</i> , 2008 , 64, 7639-7649	2.4	16
41	Impact of sulfur substituents on the C-H \cdots O interaction of terminal alkynes in crystal engineering. <i>CrystEngComm</i> , 2007 , 9, 1041	3.3	12
40	Selective release of DNA from the surface of indium-tin oxide thin electrode films using thiol-disulfide exchange chemistry. <i>Analytical Chemistry</i> , 2007 , 79, 2050-7	7.8	41
39	Phytosterol, squalene, tocopherol content and fatty acid profile of selected seeds, grains, and legumes. <i>Plant Foods for Human Nutrition</i> , 2007 , 62, 85-91	3.9	321
38	Enantioselective Intramolecular Böhner Reaction of β -Diazoketones. <i>Synlett</i> , 2007 , 2007, 2367-2370	2.2	6

37	Chemoselectivity and Enantioselectivity in Copper-Catalysed Oxidation of Aryl Benzyl Sulfides. <i>Synlett</i> , 2007 , 2007, 1501-1506	2.2	4
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