Andrew Whiting

List of Publications by Year
in descending order

218 papers	6,822 citations	61984 43 h-index	88630 70 g-index
268 all docs	268 docs citations	268 times ranked	6070 citing authors

#	Article	IF	Citations
1	Cu@CuCl-visible light co-catalysed chlorination of C(sp³)â€“H bonds with MCl_n solution and photocatalytic serial reactor-based synthesis of benzyl chloride. Green Chemistry, 2022, 24, 384-393.	9.0	5
2	Synthetic Diphenylacetylene-Based Retinoids Induce DNA Damage in Chinese Hamster Ovary Cells without Altering Viability. Molecules, 2022, 27, 977.	3.8	2
3	Synthesis of Sulfonamide-Based Ynamides and Ynamines in Water. Journal of Organic Chemistry, 2021, 86, 1938-1947.	3.2	10
4	Structureâ€“functional relationship of cellular retinoic acid-binding proteins I and II interacting with natural and synthetic ligands. Acta Crystallographica Section D: Structural Biology, 2021, 77, 164-175.	2.3	6
5	Heterogeneous ketonic decarboxylation of dodecanoic acid: studying reaction parameters. RSC Advances, 2021, 11, 35575-35584.	3.6	1
6	A Bifunctional B,Nâ€Based Asymmetric Catalytic Nitrostyreneâ€•Michael Addition Acting through a 10â€Membered Ring Cyclic Transition State. Helvetica Chimica Acta, 2021, 104, e2100199.	1.6	3
7	Decay in Retinoic Acid Signaling in Varied Models of Alzheimerâ€™s Disease and In-Vitro Test of Novel Retinoic Acid Receptor Ligands (RAR-Ms) to Regulate Protective Genes. Journal of Alzheimer's Disease, 2020, 73, 935-954.	2.6	16
8	Cellular localisation of structurally diverse diphenylacetylene fluorophores. Organic and Biomolecular Chemistry, 2020, 18, 9231-9245.	2.8	6
9	Detection and time-tracking activation of a photosensitiser on live single colorectal cancer cells using Raman spectroscopy. Analyst, The, 2020, 145, 5878-5888.	3.5	10
10	Retinoic acid receptor-targeted drugs in neurodegenerative disease. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 1097-1108.	3.3	17
11	Tissue localization of retinoic acid receptor (RAR) active drugs. Methods in Enzymology, 2020, 637, 513-538.	1.0	1
12	Using the human CYP26A1 gene promoter as a suitable tool for the determination of RAR-mediated retinoid activity. Methods in Enzymology, 2020, 637, 561-590.	1.0	2
13	The development of methodologies for high-throughput retinoic acid binding assays in drug discovery and beyond. Methods in Enzymology, 2020, 637, 539-560.	1.0	3
14	Access to Fused Pyrroles from Cyclic 1,3-Dienyl Boronic Esters and Arylnitroso Compounds. Journal of Organic Chemistry, 2020, 85, 5173-5182.	3.2	9
15	Design of synthetic retinoids. Methods in Enzymology, 2020, 637, 453-491.	1.0	4
16	Generating Skeletal Diversity and Complexity from Boronâ€Substituted 1,3â€Dienes and Enophiles. European Journal of Organic Chemistry, 2020, 2020, 3282-3293.	2.4	4
17	A low temperature, vinylboronate ester-mediated, iterative cross-coupling approach to xanthomonadin polyenyl pigment analogues. Tetrahedron, 2019, 75, 130657.	1.9	1
18	Genomic and non-genomic pathways are both crucial for peak induction of neurite outgrowth by retinoids. Cell Communication and Signaling, 2019, 17, 40.	6.5	21

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19	CYP26A1 gene promoter is a useful tool for reporting RAR-mediated retinoid activity. Analytical Biochemistry, 2019, 577, 98-109.	2.4	19
20	Palladium-catalysed ligand-free reductive Heck cycloisomerisation of 1,6-en-Î±-chloro-enamides. Chemical Communications, 2019, 55, 3733-3736.	4.1	6
21	Photoactivated cell-killing involving a low molecular weight, donorâ€“acceptor diphenylacetylene. Chemical Science, 2019, 10, 4673-4683.	7.4	17
22	A Bioluminescence Reporter Assay for Retinoic Acid Control of Translation of the GluR1 Subunit of the AMPA Glutamate Receptor. Molecular Neurobiology, 2019, 56, 7074-7084.	4.0	3
23	Using Nature's polyenes as templates: studies of synthetic xanthomonadin analogues and realising their potential as antioxidants. Organic and Biomolecular Chemistry, 2019, 17, 3752-3759.	2.8	15
24	A solid-supported arylboronic acid catalyst for direct amidation. Chemical Communications, 2019, 55, 2916-2919.	4.1	35
25	Reduced to Hierarchy: Carbon Filament-Supported Mixed Metal Oxide Nanoparticles. ACS Omega, 2019, 4, 20230-20236.	3.5	2
26	Adding Value to Waste Minerals in a Circular Economy Framework: Ochre-Derived Layered Double Hydroxide Catalysts in Fatty Acid Ketonisation. Minerals (Basel, Switzerland), 2019, 9, 681.	2.0	5
27	Fluorescent Retinoic Acid Analogues as Probes for Biochemical and Intracellular Characterization of Retinoid Signaling Pathways. ACS Chemical Biology, 2019, 14, 369-377.	3.4	16
28	Ultra-high aspect ratio hybrid materials: the role of organic guest and synthesis method. Dalton Transactions, 2018, 47, 2933-2938.	3.3	6
29	Probing biological activity through structural modelling of ligand-receptor interactions of 2,4-disubstituted thiazole retinoids. Bioorganic and Medicinal Chemistry, 2018, 26, 1560-1572.	3.0	13
30	Mechanistic insights into boron-catalysed direct amidation reactions. Chemical Science, 2018, 9, 1058-1072.	7.4	82
31	A Dienyl Boronateâ€Aryl Nitroso Ene Reaction Entry to Câ€Pyrrolyl Nitrones and Subsequent Conversion to Isoxazolidines. ChemistrySelect, 2018, 3, 4557-4561.	1.5	5
32	Neurogenesis in Response to Synthetic Retinoids at Different Temporal Scales. Molecular Neurobiology, 2018, 55, 1942-1950.	4.0	10
33	Tandem fluorescence and Raman (fluoRaman) characterisation of a novel photosensitiser in colorectal cancer cell line SW480. Analyst, The, 2018, 143, 6113-6120.	3.5	13
34	Novel Fluorescence Competition Assay for Retinoic Acid Binding Proteins. ACS Medicinal Chemistry Letters, 2018, 9, 1297-1300.	2.8	8
35	Approaches to Styrenyl Building Blocks for the Synthesis of Polyene Xanthomonadin and its Analogues. European Journal of Organic Chemistry, 2018, 2018, 5312-5322.	2.4	5
36	Highly selective halogenation of unactivated C(sp³)â€“H with NaX under co-catalysis of visible light and Ag@AgX. Green Chemistry, 2018, 20, 4729-4737.	9.0	21

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37	An Accessible Method for DFT Calculation of ¹¹B NMR Shifts of Organoboron Compounds. Journal of Organic Chemistry, 2018, 83, 8020-8025.	3.2	18
38	Recent Advances in Copper-Catalyzed Asymmetric Hydroboration of Electron-Deficient Alkenes: Methodologies and Mechanism. Synthesis, 2018, 50, 3843-3861.	2.3	40
39	Novel fluorescent probes for retinoic acid binding proteins. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e196-e196.	0.1	0
40	The molecular basis of the interactions between synthetic retinoic acid analogues and the retinoic acid receptors. MedChemComm, 2017, 8, 578-592.	3.4	25
41	Double Diastereoselective Approach to Chiral syn- and anti-1,3-Diol Analogues through Consecutive Catalytic Asymmetric Borylations. Journal of Organic Chemistry, 2017, 82, 7265-7279.	3.2	14
42	A robust and reproducible human pluripotent stem cell derived model of neurite outgrowth in a three-dimensional culture system and its application to study neurite inhibition. Neurochemistry International, 2017, 106, 74-84.	3.8	15
43	Broadening the synthetic organic applications of Frustrated Lewis Pairs. Arkivoc, 2017, 2017, 26-40.	0.5	2
44	Practical synthetic strategies towards lipophilic 6-iodotetrahydroquinolines and -dihydroquinolines. Beilstein Journal of Organic Chemistry, 2016, 12, 1851-1862.	2.2	19
45	Conjugate Addition of 3-Buytn-2-one to Anilines in Ethanol: Alkene Geometric Insights through In Situ FTIR Monitoring. Journal of Organic Chemistry, 2016, 81, 7557-7565.	3.2	25
46	Alternative tandem cyclisation pathways in the reaction between imines and enones. Tetrahedron, 2016, 72, 1105-1113.	1.9	3
47	A Visibleâ€Lightâ€Induced Î±â€H Chlorination of Alkylarenes with Inorganic Chloride under NanoAg@AgCl. Chemistry - A European Journal, 2015, 21, 9671-9675.	3.3	19
48	Asymmetric metal free Î²-boration of Î±,Î²-unsaturated imines assisted by (S)-MeBoPhoz. Organic and Biomolecular Chemistry, 2015, 13, 1328-1332.	2.8	25
49	Heckâ€“Mizoroki coupling of vinyliodide and applications in the synthesis of dienes and trienes. Chemical Communications, 2015, 51, 11409-11412.	4.1	21
50	Regioisomeric and Substituent Effects upon the Outcome of the Reaction of 1-Borodienes with Nitrosoarene Compounds. Journal of Organic Chemistry, 2015, 80, 6574-6583.	3.2	32
51	One-pot catalytic asymmetric borylation of unsaturated aldehyde-derived imines; functionalisation to homoallylic boronate carboxylate ester derivatives. Organic and Biomolecular Chemistry, 2015, 13, 5122-5130.	2.8	9
52	An Experimental and Computational Approach to Understanding the Reactions of Acyl Nitroso Compounds in [4 + 2] Cycloadditions. Journal of Organic Chemistry, 2015, 80, 9518-9534.	3.2	18
53	Asymmetric Michael addition of acetone to Î²-nitrostyrenes catalyzed by novel organocatalysts derived from D-isomannide or L-isoidide. Arkivoc, 2014, 2014, 215-227.	0.5	10
54	Total synthesis of fluoxetine and duloxetine through an in situ imine formation/borylation/transimination and reduction approach. Organic and Biomolecular Chemistry, 2014, 12, 6121-6127.	2.8	20

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55	Boron-substituted 1,3-dienes and heterodienes as key elements in multicomponent processes. Beilstein Journal of Organic Chemistry, 2014, 10, 237-250.	2.2	40
56	Asymmetric Synthesis and Application of Homologous Pyrrolineâ€2â€alkylboronic Acids: Identification of the Bâ€“N Distance for Eliciting Bifunctional Catalysis of an Asymmetric Aldol Reaction.. Asian Journal of Organic Chemistry, 2014, 3, 470-479.	2.7	11
57	Non-isoprenoid polyene natural products â€“ structures and synthetic strategies. Organic and Biomolecular Chemistry, 2014, 12, 7877-7899.	2.8	33
58	Application of synthetic photostable retinoids induces novel limb and facial phenotypes during chick embryogenesis in vivo. Journal of Anatomy, 2014, 224, 392-411.	1.5	4
59	Understanding Î±,Î²-Unsaturated Imine Formation from Amine Additions to Î±,Î²-Unsaturated Aldehydes and Ketones: An Analytical and Theoretical Investigation. Journal of Organic Chemistry, 2014, 79, 5163-5172.	3.2	43
60	Direct Amidation of Amino Acid Derivatives Catalyzed by Arylboronic Acids: Applications in Dipeptide Synthesis. European Journal of Organic Chemistry, 2013, 2013, 5692-5700.	2.4	59
61	A novel, efficient synthesis of N-aryl pyrroles via reaction of 1-boronodienes with arylnitroso compounds. Chemical Communications, 2013, 49, 5414.	4.1	26
62	Baseâ€Free Î²â€Boration of Î±,Î²â€Unsaturated Imines Catalysed by Cu₂O with Concurrent Enhancement of Asymmetric Induction. ChemCatChem, 2013, 5, 2233-2239.	3.7	16
63	A Selective Transformation of Enals into Chiral Î³-Amino Alcohols. Organic Letters, 2013, 15, 4810-4813.	4.6	35
64	A synthesis of a 1,1â€²-desymmetrised ferrocene backbone and its facile one-pot double-â€œclickâ€• functionalisation. RSC Advances, 2013, 3, 17081.	3.6	7
65	The action of all-trans-retinoic acid (ATRA) and synthetic retinoid analogues (EC19 and EC23) on human pluripotent stem cells differentiation investigated using single cell infrared microspectroscopy. Molecular BioSystems, 2013, 9, 677.	2.9	25
66	Design and biological evaluation of synthetic retinoids: probing length vs. stability vs. activity. Molecular BioSystems, 2013, 9, 3124.	2.9	24
67	Synthesis and applications of 2,4-disubstituted thiazole derivatives as small molecule modulators of cellular development. Organic and Biomolecular Chemistry, 2013, 11, 2323.	2.8	10
68	Mechanism and optimisation of the homoboroproline bifunctional catalytic asymmetric aldol reaction: Lewis acid tuning through in situ esterification. Organic and Biomolecular Chemistry, 2012, 10, 2422.	2.8	20
69	Enhanced reduction of Câ€“N multiple bonds using sodium borohydride and an amorphous nickel catalyst. Organic and Biomolecular Chemistry, 2012, 10, 663-670.	2.8	36
70	Catalytic methodologies for the Î²-boration of conjugated electron deficient alkenes. Organic and Biomolecular Chemistry, 2012, 10, 5485.	2.8	82
71	Palladium(ii)-catalysed tandem cyclisation of electron-deficient aromatic enynes. Chemical Communications, 2012, 48, 9986.	4.1	25
72	Novel transformation of Î±,Î²-unsaturated aldehydes and ketones into Î³-amino alcohols or 1,3-oxazines via a 4 or 5 step, one-pot sequence. Chemical Communications, 2012, 48, 11401.	4.1	27

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73	A multicomponent formal [1+2+1+2]-cycloaddition for the synthesis of dihydropyridines. Chemical Communications, 2012, 48, 4893.	4.1	29
74	Enantioselective Synthesis of (R)â€Homoboroproline from (S)â€Proline Using a Borylation Approach. European Journal of Organic Chemistry, 2012, 2012, 4110-4113.	2.4	9
75	Heteroatom methods. Annual Reports on the Progress of Chemistry Section B, 2011, 107, 68.	0.9	3
76	Studies towards the synthesis of the northern polyene of viridenomycin and synthesis of Z-double bond analogues. Organic and Biomolecular Chemistry, 2011, 9, 1876.	2.8	23
77	Stereoselective synthesis and rearrangement-fragmentation of arylidene N-alkoxydiketopiperazines. Organic and Biomolecular Chemistry, 2011, 9, 7476.	2.8	6
78	Copper(II)-Catalyzed Room Temperature Aerobic Oxidation of Hydroxamic Acids and Hydrazides to Acyl-Nitroso and Azo Intermediates, and Their Dielsâ€“Alder Trapping. Organic Letters, 2011, 13, 3442-3445.	4.6	62
79	Mannichâ€“Michael versus formal aza-Dielsâ€“Alder approaches to piperidine derivatives. Organic and Biomolecular Chemistry, 2011, 9, 3105.	2.8	92
80	Highly Enantioâ€•and Diastereoselective Synthesis of Î³â€Amino Alcohols from Î±,Î²â€Unsaturated Imines through a Oneâ€Pot Î²â€Boration/Reduction/Oxidation Sequence. Advanced Synthesis and Catalysis, 2011, 353, 376-384.	4.3	59
81	The Uncatalyzed Direct Amide Formation Reaction â€“ Mechanism Studies and the Key Role of Carboxylic Acid Hâ€Bonding. European Journal of Organic Chemistry, 2011, 2011, 5981-5990.	2.4	102
82	Catalytic 1,3â€Difunctionalisation of Organic Backbones through a Highly Stereoselective, Oneâ€Pot, Boron Conjugateâ€Addition/Reduction/Oxidation Process. Chemistry - A European Journal, 2011, 17, 14248-14257.	3.3	35
83	The Development of Small Molecules and Growth Supplements to Control the Differentiation of Stem Cells and the Formation of Neural Tissues. Pancreatic Islet Biology, 2011, , 499-513.	0.3	0
84	A New Autocatalytic Thioacetateâ€Enal Addition Reaction: A Michael Addition or Not?. Advanced Synthesis and Catalysis, 2010, 352, 1818-1825.	4.3	3
85	Retinoid supplementation of differentiating human neural progenitors and embryonic stem cells leads to enhanced neurogenesis in vitro. Journal of Neuroscience Methods, 2010, 193, 239-245.	2.5	25
86	Synthesis of 3-Substituted Isoxazolecarboxamides as Potential Fungicides. Letters in Organic Chemistry, 2010, 7, 502-507.	0.5	6
87	The thermal and boron-catalysed direct amide formation reactions: mechanistically understudied yet important processes. Chemical Communications, 2010, 46, 1813-1823.	4.1	214
88	Heteroatom methods. Annual Reports on the Progress of Chemistry Section B, 2010, 106, 76.	0.9	4
89	Catalytic upgrading of tri-glycerides and fatty acids to transport biofuels. Energy and Environmental Science, 2009, 2, 262-271.	30.8	121
90	Synthetic Retinoids: Structureâ€“Activity Relationships. Chemistry - A European Journal, 2009, 15, 11430-11442.	3.3	53

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91	Proteomic profiling of the stem cell response to retinoic acid and synthetic retinoid analogues: identification of major retinoid-inducible proteins. Molecular BioSystems, 2009, 5, 458.	2.9	20
92	A New Approach to the Synthesis of 4-Hydroxyethylsulfonylstyrene. Organic Process Research and Development, 2009, 13, 434-441.	2.7	9
93	Synthesis of Aminoboronic Acids and Their Applications in Bifunctional Catalysis. Accounts of Chemical Research, 2009, 42, 756-768.	15.6	129
94	A Catalytic Aldol Reaction and Condensation through Inâ€…Situ Boron â€œAteâ€•Complex Enolate Generation in Water. Angewandte Chemie - International Edition, 2008, 47, 768-770.	13.8	59
95	Asymmetric Direct Amide Synthesis by Kinetic Amine Resolution: A Chiral Bifunctional Aminoboronic Acid Catalyzed Reaction between a Racemic Amine and an Achiral Carboxylic Acid. Angewandte Chemie - International Edition, 2008, 47, 2673-2676.	13.8	144
96	A Stereoselective Palladiumâ€Mediated Reductive Coupling of Electronâ€Deficient Terminal Iodoalkenes. Advanced Synthesis and Catalysis, 2008, 350, 227-233.	4.3	12
97	Mechanistic Insights into Transition Metalâ€Catalysed Oxidation of a Hydroxamic Acid with in situ Dielsâ€“Alder Trapping of the Acyl Nitroso Derivative. Advanced Synthesis and Catalysis, 2008, 350, 869-882.	4.3	28
98	A Stereoselective Palladium-Mediated Reductive Coupling of Electron-Deficient Terminal Iodoalkenes. Advanced Synthesis and Catalysis, 2008, 350, 360-360.	4.3	0
99	An insight into the mechanism of the cellulose dyeing process: Molecular modelling and simulations of cellulose and its interactions with water, urea, aromatic azo-dyes and aryl ammonium compounds. Dyes and Pigments, 2008, 76, 406-416.	3.7	13
100	Product identification and distribution from the oscillatory versus non-oscillatory palladium(II) iodide-catalysed oxidative carbonylation of phenylacetylene. Journal of Molecular Catalysis A, 2008, 284, 33-39.	4.8	32
101	A critical appraisal of polymerâ€“clay nanocomposites. Chemical Society Reviews, 2008, 37, 568-594.	38.1	369
102	Synthesis, evaluation and application of novel bifunctional N,N-di-isopropylbenzylamineboronic acid catalysts for direct amide formation between carboxylic acids and amines. Green Chemistry, 2008, 10, 124-134.	9.0	143
103	The influence of oscillations on product selectivity during the palladium-catalysed phenylacetylene oxidative carbonylation reaction. Physical Chemistry Chemical Physics, 2008, 10, 749-753.	2.8	25
104	Synthesis and evaluation of synthetic retinoid derivatives as inducers of stem cell differentiation. Organic and Biomolecular Chemistry, 2008, 6, 3497.	2.8	56
105	The first example of enamineâ€“Lewis acid cooperative bifunctional catalysis: application to the asymmetric Aldol reaction. Chemical Communications, 2008, , 3879.	4.1	47
106	The Role of Retinoids in the Adult Nervous System and their Therapeutic Potential. Mini-Reviews in Medicinal Chemistry, 2008, 8, 601-608.	2.4	9
107	HIGH-YIELDING, LARGE-SCALE SYNTHESIS OF N-PROTECTED-b-AMINONITRILES: TERT-BUTYL (1R)-2-CYANO-1-PHENYLETHYLCARBAMATE. Organic Syntheses, 2008, 85, 219.	1.0	4
108	Large-scale simulations of poly(propylene oxide)amine/Na+-montmorillonite and poly(propylene oxide) ammonium/Na+-montmorillonite using a molecular dynamics approach. Studies in Surface Science and Catalysis, 2007, , 311-318.	1.5	0

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109	A Novel, Efficient, Diastereo- and Enantioselective Mukaiyama Aldol-Based Synthesis of a Vinyl Cyclopentanone Core Derivative of Viridenomycin. Organic Letters, 2007, 9, 5565-5568.	4.6	14
110	Synthesis and Structure of Planar Chiral, Bifunctional Aminoboronic Acid Ferrocene Derivatives. Organometallics, 2007, 26, 2414-2419.	2.3	29
111	A (â^)-Sparteine-Directed Highly Enantioselective Synthesis of Boroproline. Solid- and Solution-State Structure and Properties. Journal of Organic Chemistry, 2007, 72, 6276-6279.	3.2	31
112	Development of new transition metal catalysts for the oxidation of a hydroxamic acid with in situ Dielsâ€“Alder trapping of the acyl nitroso derivative. Dalton Transactions, 2007, , 2108-2111.	3.3	29
113	Mechanistic Studies on the Heckâ^'Mizoroki Cross-Coupling Reaction of a Hindered Vinylboronate Ester as a Key Approach to Developing a Highly Stereoselective Synthesis of a C1â^'C7Z,Z,E-Triene Synthon for Viridenomycin. Journal of Organic Chemistry, 2007, 72, 2525-2532.	3.2	50
114	Benzimidazole Nitrogen-Directed, Regiocontrolled, Lithiation of Ferrocenyl- and Phenyl-N-n-butylbenzimidazoles. Journal of Organic Chemistry, 2007, 72, 71-75.	3.2	21
115	The Heckâ€“Mizoroki cross-coupling reaction: a mechanistic perspective. Organic and Biomolecular Chemistry, 2007, 5, 31-44.	2.8	278
116	The Effects of Ring Size and Substituents on the Rates of Acid-Catalysed Hydrolysis of Five- and Six-Membered Ring Cyclic Ketone Acetals. European Journal of Organic Chemistry, 2007, 2007, 3365-3368.	2.4	15
117	Application of Zinc(II)â€“Binol for the Formal Azaâ€Dielsâ€“Alder Reaction of Nâ€Arylimines with Danishefsky's Diene: CDâ€Based Absolute Stereochemistry Determination, Origin of Asymmetric Induction and Mechanistic Considerations. European Journal of Organic Chemistry, 2007, 2007, 5771-5779.	2.4	24
118	Achieving pH and Qr oscillations in a palladium-catalysed phenylacetylene oxidative carbonylation reaction using an automated reactor system. Chemical Physics Letters, 2007, 435, 142-147.	2.6	28
119	Synthesis and structure of bifunctional N-alkylbenzimidazole phenylboronate derivatives. Organic and Biomolecular Chemistry, 2006, 4, 3297.	2.8	27
120	Intercalation and in situ polymerization of poly(alkylene oxide) derivatives within M+-montmorillonite (M = Li, Na, K). Journal of Materials Chemistry, 2006, 16, 1082.	6.7	45
121	Unexpected Exothermic Reaction between Thioacetic Acid and DMSO. Organic Process Research and Development, 2006, 10, 846-846.	2.7	5
122	3-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)aniline. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o466-o468.	0.2	1
123	Bis(2,6-dimethylpyridyl)iodonium dibromoiodate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o901-o902.	0.2	5
124	Potassium 4-nitrophenylsulfonate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m741-m743.	0.2	0
125	tert-ButylN-(phosphinoyloxy)carbamate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o5346-o5348.	0.2	2
126	N-(Diphenylphosphinoyl)hydroxylamine. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o5343-o5345.	0.2	0

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127	To Catalyze or not to Catalyze? Insight into Direct Amide Bond Formation from Amines and Carboxylic Acids under Thermal and Catalyzed Conditions. Advanced Synthesis and Catalysis, 2006, 348, 813-820.	4.3	149
128	A stereoselective remote homochiral boronate ester-mediated aldol reaction. Arkivoc, 2006, 2006, 95-103.	0.5	2
129	Approaches to polymetallated calixarene derivatives. Arkivoc, 2006, 2006, 199-210.	0.5	3
130	Synthesis and structure of potential Lewis acidâ€“Lewis base bifunctional catalysts: 2-N,N-Diisopropylaminophenylboronate derivatives. Journal of Organometallic Chemistry, 2005, 690, 4784-4793.	1.8	69
131	Stereoselective Chloro-Deboronation Reactions Induced by Substituted Pyridine-Iodine Chloride Complexes. European Journal of Organic Chemistry, 2005, 2005, 1876-1883.	2.4	24
132	Absolute stereochemistry assignment ofN-phosphorylimine-derived aza-Diels-Alder adducts with TDDFT CD calculations. Chirality, 2005, 17, 323-331.	2.6	23
133	Morphology and elastic modulus of novel poly[oligo(ethylene glycol) diacrylate]-montmorillonite nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 1785-1793.	2.1	9
134	4,4,6-Trimethyl-2-vinyl-1,3,2-dioxaborinane: An Efficient and Selective 2-Carbon Building Block for Vinylboronate Suzuki-Miyaura Coupling Reactions. Synlett, 2005, 2005, 529-531.	1.8	1
135	An insight into the mechanism of the cellulose dyeing process, part 2: Simulation of aggregation, solvent and additive effects upon azo-linked aromatics and dyes. Molecular Simulation, 2005, 31, 605-612.	2.0	5
136	Interlayer Structure and Bonding in Nonswelling Primary Amine Intercalated Clays. Macromolecules, 2005, 38, 6189-6200.	4.8	73
137	A stereoselective synthesis of 1,6-diphenyl-1,3,5-hexatrienes utilising 4,4,6-trimethyl-2-vinyl-1,3,2-dioxaborinane as a two-carbon alkenyl building block. Organic and Biomolecular Chemistry, 2005, 3, 3167.	2.8	34
138	Latent reactive groups unveiled through equilibrium dynamics and exemplified in crosslinking during film formation from aqueous polymer colloids. Chemical Communications, 2005, , 5904.	4.1	16
139	Lewis Acid-catalysed Aza-Diels-AlderversusMannich Reactions ofN-Diethyl Phosphoryl Imino Dienophiles with Oxygenated Dienes and Application of a Chiral Lewis Acid. Synlett, 2004, 2004, 708-710.	1.8	0
140	Unexpected Temperature, Time and Solvent Effects in the Catalytic ÂAsymmetric aza-Diels-Alder Reaction of an Ethyl Glyoxylate-derivedN-Aryl Imine with Danishefskyâ€™s Diene Catalysed by a BINOL-Zinc Complex. Synlett, 2004, 2004, 711-713.	1.8	0
141	Preparation of an Advanced Phenylglycine-Derived Intermediateen routeto the Southern Hemisphere Tetraene of Viridenomycin. Synlett, 2004, 2004, 1183-1186.	1.8	1
142	4,4,6-Trimethyl-2-vinyl-1,3,2-dioxaborinane: A Superior 2-Carbon Building Block for Vinylboronate Heck Couplings.. ChemInform, 2004, 35, no.	0.0	0
143	On the mechanism and origin of the stereoselectivity in iodo-deboronation and chloro-deboronation of hindered alkenyl boronate esters using either ICIâ€“NaOMe or ICIâ€“pyridine. Tetrahedron Letters, 2004, 45, 8557-8561.	1.4	19
144	Mechanistic studies on the formal aza-Dielsâ€“Alder reactions of N-aryl imines: evidence for the non-concertedness under Lewis-acid catalysed conditions. Organic and Biomolecular Chemistry, 2004, 2, 2451-2460.	2.8	70

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145	The Development and Application of Ruthenium Catalyzed Oxidations of a Hydroxamic Acid and in situ Dielsâ€"Alder Trapping of the Acyl Nitroso Derivative.. ChemInform, 2003, 34, no.	0.0	0
146	Evidence for the Non-Concerted [4 + 2]-Cycloaddition of N-Aryl Imines when Acting as Both Dienophiles and Dienes under Lewis Acid Catalyzed Conditions.. ChemInform, 2003, 34, no.	0.0	0
147	4,4,6-Trimethyl-2-vinyl-1,3,2-dioxaborinane: a superior 2-carbon building block for vinylboronate Heck couplings. Tetrahedron Letters, 2003, 44, 7645-7648.	1.4	43
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