Paul R Blakemore

List of Publications by Year
in descending order

49 papers	2,708 citations	279701 23 h-index	197736 49 g-index
53 all docs	53 docs citations	53 times ranked	2043 citing authors

#	Article	IF	Citations
1	A Stereoselective Synthesis oftrans-1,2-Disubstituted Alkenes Based on the Condensation of Aldehydes with Metallated 1-Phenyl-1H-tetrazol-5-yl Sulfones. Synlett, 1998, 1998, 26-28.	1.0	663
2	The modified Julia olefination: alkene synthesis via the condensation of metallated heteroarylalkylsulfones with carbonyl compounds. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 2563-2585.	1.3	594
3	Iterative Stereospecific Reagent-Controlled Homologation of Pinacol Boronates by Enantioenriched Î±-Chloroalkyllithium Reagents. Journal of the American Chemical Society, 2007, 129, 3068-3069.	6.6	134
4	Morphine, the Proteus of organic molecules. Chemical Communications, 2002, , 1159-1168.	2.2	111
5	Reagent-Controlled Asymmetric Homologation of Boronic Esters by Enantioenriched Main-Group Chiral Carbenoids. Organic Letters, 2006, 8, 773-776.	2.4	102
6	Total Synthesis of Rhizoxin D, a Potent Antimitotic Agent from the FungusRhizopus chinensis. Journal of Organic Chemistry, 2002, 67, 7750-7760.	1.7	89
7	Total Synthesis of the Marine Toxin Polycavernoside A via Selective Macrolactonization of a Trihydroxy Carboxylic Acid. Journal of the American Chemical Society, 2001, 123, 8593-8595.	6.6	75
8	Ethyl (benzothiazol-2-ylsulfonyl)acetate: a new reagent for the stereoselective synthesis of Î±,Î²-unsaturated esters from aldehydes. Organic and Biomolecular Chemistry, 2005, 3, 1365-1368.	1.5	60
9	Total Synthesis of Polycavernoside A, A Lethal Toxin of the Red AlgaPolycavernosatsudai. Journal of Organic Chemistry, 2005, 70, 5449-5460.	1.7	60
10	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. Scientific Reports, 2018, 8, 613.	1.6	53
11	Transannular Nitrone Cycloaddition. A Stereocontrolled Entry to the Spirocyclic Core of Pinnaic Acid. Organic Letters, 2001, 3, 413-415.	2.4	48
12	The Modified Julia Olefination in Vitamin D2 Synthesis. Synthesis, 1999, 1999, 1209-1215.	1.2	45
13	Trace analysis of surfactants in Corexit oil dispersant formulations and seawater. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 129, 273-281.	0.6	45
14	Asymmetric synthesis of (+)-loline, a pyrrolizidine alkaloid from rye grass and tall fescue. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1831-1847.	1.3	44
15	Total Synthesis of (Â±)-Î±-Isosparteine, (Â±)-Î²-Isosparteine, and (Â±)-Sparteine from a Common Tetraoxobispidine Intermediate. Journal of Organic Chemistry, 2008, 73, 7939-7951.	1.7	43
16	Investigation of Functionalized Î±â€Chloroalkyllithiums for a Stereospecific Reagentâ€Controlled Homologation Approach to the Analgesic Alkaloid (â^')â€Epibatidine. Chemistry - A European Journal, 2013, 19, 16342-16356.	1.7	37
17	Programmed Synthesis of a Contiguous Stereotriad Motif by Triple Stereospecific Reagent-Controlled Homologation. Organic Letters, 2013, 15, 4500-4503.	2.4	34
18	Improvements in Metabolic Syndrome by Xanthohumol Derivatives Are Linked to Altered Gut Microbiota and Bile Acid Metabolism. Molecular Nutrition and Food Research, 2020, 64, e1900789.	1.5	32

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19	Stereospecific Synthesis of Alkenes by Eliminative Crossâ€Coupling of Enantioenriched sp³â€Hybridized Carbenoids. Angewandte Chemie - International Edition, 2016, 55, 12285-12289.	7.2	30
20	Resolution, Enantiomerization Kinetics, and Chiroptical Properties of 7,7â€˜-Dihydroxy-8,8â€˜-biquinolyl. Journal of Organic Chemistry, 2006, 71, 8212-8218.	1.7	28
21	Iterative Stereospecific Reagent-Controlled Homologation Using a Functionalized Î±-Chloroalkyllithium: Synthesis of Cyclic Targets Related to Epibatidine. Organic Letters, 2011, 13, 1318-1321.	2.4	28
22	A Practical Synthesis of (Â±)-Î±-Isosparteine from a Tetraoxobispidine Coreâ€. Organic Letters, 2005, 7, 4721-4724.	2.4	27
23	Asymmetric synthesis of (+)-loline. Chemical Communications, 2000, , 1263-1264.	2.2	26
24	Enantioselective synthesis of Î±-phenyl- and Î±-(dimethylphenylsilyl)alkylboronic esters by ligand mediated stereoinductive reagent-controlled homologation using configurationally labile carbenoids. Organic and Biomolecular Chemistry, 2015, 13, 3781-3786.	1.5	25
25	Harnessing Anionic Rearrangements on the Benzenoid Ring of Quinoline for the Synthesis of 6,6â€˜-Disubstituted 7,7â€˜-Dihydroxy-8,8â€˜-biquinolyls. Journal of Organic Chemistry, 2005, 70, 373-376.	1.7	22
26	Formation of Olefins by Eliminative Dimerization and Eliminative Crossâ€Coupling of Carbenoids: A Stereochemical Exercise. Angewandte Chemie - International Edition, 2018, 57, 390-407.	7.2	21
27	Synthesis of 7,7â€²-Dihydroxy-8,8â€²-biquinolyl (azaBINOL) via Pd-Catalyzed Directed Double Câ€“H Functionalization of 8,8â€²-Biquinolyl: Emergence of anAtroposfrom aTroposState. Organic Letters, 2011, 13, 4024-4027.	2.4	19
28	Biological evaluation of molecules of the azaBINOL class as antiviral agents: Inhibition of HIV-1 RNase H activity by 7-isopropoxy-8-(naphth-1-yl)quinoline. Bioorganic and Medicinal Chemistry, 2019, 27, 3595-3604.	1.4	19
29	Chain Extension of Boronic Esters with Lithiooxiranes Generated by Sulfoxideâ€“Metal Exchange â€“ Stereocontrolled Access to 2Â°/2Â°, 2Â°/3Â°, and 3Â°/3Â° Vicinal Diols and Related Compounds. European Journal of Organic Chemistry, 2014, 2014, 6643-6648.	1.2	17
30	Competing reaction pathways from Î±-halo-Î±-protioalkyl aryl sulfoxides initiated by organometallic reagents. Tetrahedron Letters, 2007, 48, 3999-4002.	0.7	16
31	Enzymatic Resolution of 7,7â€˜-Dihydroxy-8,8â€˜- biquinolyl Dipentanoate and Its Conversion to 2,2â€˜-Di-tert-butyl-7,7â€˜-dihydroxy-8,8â€˜-biquinolyl. Journal of Organic Chemistry, 2007, 72, 9368-9371.	1.7	15
32	Stereospecific Synthesis of Alkenes by Eliminative Crossâ€Coupling of Enantioenriched sp³â€Hybridized Carbenoids. Angewandte Chemie, 2016, 128, 12473-12477.	1.6	15
33	Conversion of Carbamates to Amidosulfones and Amides. Synthesis of the [14C]-Labeled Antiobesity Agent Ro23-7637.. Organic Letters, 2002, 4, 1803-1806.	2.4	14
34	On the nature of the chain-extending species in organolithium initiated stereospecific reagent-controlled homologation reactions using Î±-chloroalkyl aryl sulfoxides. Tetrahedron Letters, 2015, 56, 2980-2982.	0.7	14
35	Stereocontrolled Generation of Î±-Metalated S,O-Acetals by Sulfoxide-Ligand Exchange from Cyclic Dithioorthoformate Monooxides. Organometallics, 2012, 31, 19-22.	1.1	12
36	Olefinâ€Bildung durch eliminierende Dimerisierung und eliminierende Kreuzkupplung von Carbenoiden: eine stereochemische Herausforderung. Angewandte Chemie, 2018, 130, 396-413.	1.6	12

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37	Synthesis, Properties, and Enantiomerization Behavior of Axially Chiral Phenolic Derivatives of 8-(Naphth-1-yl)quinoline and Comparison to 7,7â€²-Dihydroxy-8,8â€²-biquinolyl and 1,1â€²-Bi-2-naphthol. Synthesis, 2015, 47, 4008-4016.	1.2	10
38	A Stereocontrolled Synthesis of (Â±)-Î²-Isosparteine. Heterocycles, 2006, 70, 609.	0.4	10
39	Determination of pK_aValues for Diether Derivatives of 7,7â€²-Dihydroxy-8,8â€²-biquinolyl: Dependence of Basicity on Interannular Dihedral Angle. Synthesis, 2008, 2008, 2271-2277.	1.2	9
40	Synthesis of a P-Glycoprotein Inhibitor and Its High-Energy (Z)-Isomer by Carbenoid Eliminative Cross-Coupling. Organic Letters, 2020, 22, 2999-3003.	2.4	9
41	Total synthesis of [¹³C]₂â€, [¹³C]₃â€, and [¹³C]₅â€isotopomers of xanthohumol, the principal prenylflavonoid from hops. Journal of Labelled Compounds and Radiopharmaceuticals, 2017, 60, 639-648.	0.5	8
42	Silylcyanation of Aldehydes, Ketones, and Imines Catalyzed by a 6,6â€²â€Bisâ€sulfonamide Derivative of 7,7â€²â€Dihydroxyâ€8,8â€²â€biquinolyl (azaBINOL). European Journal of Organic Chemistry, 2012, 2012, 3249-3260.	1.2	6
43	Enantioselective Synthesis of Biaryl Compounds via Suzukiâ€“Miyaura Cross-Coupling Using a Palladium Complex of 7â€²-Butoxy-7-(diphenylphosphino)-8,8â€²-biquinolyl: Investigation of a New Chiral Ligand Architecture. Synthesis, 2014, 46, 678-685.	1.2	4
44	Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice. ACS Pharmacology and Translational Science, 2021, 4, 1782-1793.	2.5	4
45	Total Synthesis of Chalaniline B: An Antibiotic Aminoxanthone from Vorinostat-Treated Fungus Chalara sp. 6661. Journal of Organic Chemistry, 2021, 86, 7773-7780.	1.7	3
46	Thieme Chemistry Journal Awardees - Where Are They Now? Stereoselective Synthesis of Z-Configured Î±,Î²-Unsaturated Macrocyclic Lactones and Diolides by Intramolecular Julia-Kocienski Olefination. Synlett, 2010, 2010, 374-378.	1.0	2
47	Stereospecific Synthesis of Conjugated Dienes by Carbenoid Eliminative Crossâ€Coupling Using Lithiated Allylic Carbamates. European Journal of Organic Chemistry, 2021, 2021, 4932-4937.	1.2	2
48	Regioselective Syntheses of [13C]4-Labelled Sodium 1-Carboxy-2-(2-ethylhexyloxycarbonyl)ethanesulfonate and Sodium 2-Carboxy-1-(2-ethylhexyloxycarbonyl)ethanesulfonate from [13C]4-Maleic Anhydride. Journal of Labelled Compounds and Radiopharmaceuticals, 2014, 57, 625-625.	0.5	1
49	Regioselective syntheses of [13C]4-labelled sodium 1-carboxy-2-(2-ethylhexyloxycarbonyl)ethanesulfonate and sodium 2-carboxy-1-(2-ethylhexyloxycarbonyl)ethanesulfonate from [13C]4-maleic anhydride. Journal of Labelled Compounds and Radiopharmaceuticals, 2014, 57, 397-401.	0.5	1