

# Paul R Blakemore

## List of Publications by Year in descending order

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49  
papers

2,708  
citations

279701

23  
h-index

197736

49  
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53  
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53  
docs citations

53  
times ranked

2043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis of Chalaniline B: An Antibiotic Aminoxanthone from Vorinostat-Treated Fungus <i>Chalara</i> sp. 6661. <i>Journal of Organic Chemistry</i> , 2021, 86, 7773-7780.	1.7	3
2	Stereospecific Synthesis of Conjugated Dienes by Carbenoid Eliminative Cross-Coupling Using Lithiated Allylic Carbamates. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4932-4937.	1.2	2
3	Xanthohumol Pyrazole Derivative Improves Diet-Induced Obesity and Induces Energy Expenditure in High-Fat Diet-Fed Mice. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1782-1793.	2.5	4
4	Improvements in Metabolic Syndrome by Xanthohumol Derivatives Are Linked to Altered Gut Microbiota and Bile Acid Metabolism. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900789.	1.5	32
5	Synthesis of a P-Glycoprotein Inhibitor and Its High-Energy ( <i>Z</i> )-Isomer by Carbenoid Eliminative Cross-Coupling. <i>Organic Letters</i> , 2020, 22, 2999-3003.	2.4	9
6	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. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3595-3604.	1.4	19
7	Non-estrogenic Xanthohumol Derivatives Mitigate Insulin Resistance and Cognitive Impairment in High-Fat Diet-induced Obese Mice. <i>Scientific Reports</i> , 2018, 8, 613.	1.6	53
8	Formation of Olefins by Eliminative Dimerization and Eliminative Cross-Coupling of Carbenoids: A Stereochemical Exercise. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 390-407.	7.2	21
9	Olefin-Bildung durch eliminierende Dimerisierung und eliminierende Kreuzkupplung von Carbenoiden: eine stereochemische Herausforderung. <i>Angewandte Chemie</i> , 2018, 130, 396-413.	1.6	12
10	Total synthesis of [ <sup>13</sup> C] <sub>2</sub> , [ <sup>13</sup> C] <sub>3</sub> , and [ <sup>13</sup> C] <sub>5</sub> -isotopomers of xanthohumol, the principal prenylflavonoid from hops. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2017, 60, 639-648.	0.5	8
11	Trace analysis of surfactants in Corexit oil dispersant formulations and seawater. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 129, 273-281.	0.6	45
12	Stereospecific Synthesis of Alkenes by Eliminative Cross-Coupling of Enantioenriched sp <sup>3</sup> -Hybridized Carbenoids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12285-12289.	7.2	30
13	Stereospecific Synthesis of Alkenes by Eliminative Cross-Coupling of Enantioenriched sp <sup>3</sup> -Hybridized Carbenoids. <i>Angewandte Chemie</i> , 2016, 128, 12473-12477.	1.6	15
14	Enantioselective synthesis of $\hat{\pm}$ -phenyl- and $\hat{\pm}$ -(dimethylphenylsilyl)alkylboronic esters by ligand mediated stereoinductive reagent-controlled homologation using configurationally labile carbenoids. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3781-3786.	1.5	25
15	On the nature of the chain-extending species in organolithium initiated stereospecific reagent-controlled homologation reactions using $\hat{\pm}$ -chloroalkyl aryl sulfoxides. <i>Tetrahedron Letters</i> , 2015, 56, 2980-2982.	0.7	14
16	Synthesis, Properties, and Enantiomerization Behavior of Axially Chiral Phenolic Derivatives of 8-(Naphth-1-yl)quinoline and Comparison to 7,7'-Dihydroxy-8,8'-biquinoyl and 1,1'-Bi-2-naphthol. <i>Synthesis</i> , 2015, 47, 4008-4016.	1.2	10
17	Enantioselective Synthesis of Biaryl Compounds via Suzuki-Miyaura Cross-Coupling Using a Palladium Complex of 7'-Butoxy-7-(diphenylphosphino)-8,8'-biquinoyl: Investigation of a New Chiral Ligand Architecture. <i>Synthesis</i> , 2014, 46, 678-685.	1.2	4
18	Regioselective Syntheses of [ <sup>13</sup> C]4-Labelled Sodium 1-Carboxy-2-(2-ethylhexyloxycarbonyl)ethanesulfonate and Sodium 2-Carboxy-1-(2-ethylhexyloxycarbonyl)ethanesulfonate from [ <sup>13</sup> C]4-Maleic Anhydride. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 625-625.	0.5	1

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19	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. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2014, 57, 397-401.	0.5	1
20	Chain Extension of Boronic Esters with Lithiooxiranes Generated by Sulfoxide-Metal Exchange Stereocontrolled Access to 2°/2°, 2°/3°, and 3°/3° Vicinal Diols and Related Compounds. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6643-6648.	1.2	17
21	Programmed Synthesis of a Contiguous Stereotriad Motif by Triple Stereospecific Reagent-Controlled Homologation. <i>Organic Letters</i> , 2013, 15, 4500-4503.	2.4	34
22	Investigation of Functionalized $\hat{\pm}$ -Chloroalkyllithiums for a Stereospecific Reagent-Controlled Homologation Approach to the Analgesic Alkaloid ( $\hat{\pm}$ )-Epibatidine. <i>Chemistry - A European Journal</i> , 2013, 19, 16342-16356.	1.7	37
23	Stereocontrolled Generation of $\hat{\pm}$ -Metalated S,O-Acetals by Sulfoxide-Ligand Exchange from Cyclic Dithioorthoformate Monooxides. <i>Organometallics</i> , 2012, 31, 19-22.	1.1	12
24	Silylcyanation of Aldehydes, Ketones, and Imines Catalyzed by a 6,6-Bis(sulfonamide) Derivative of 7,7-Dihydroxy-8,8-biquinolyl (azaBINOL). <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3249-3260.	1.2	6
25	Iterative Stereospecific Reagent-Controlled Homologation Using a Functionalized $\hat{\pm}$ -Chloroalkyllithium: Synthesis of Cyclic Targets Related to Epibatidine. <i>Organic Letters</i> , 2011, 13, 1318-1321.	2.4	28
26	Synthesis of 7,7-Dihydroxy-8,8-biquinolyl (azaBINOL) via Pd-Catalyzed Directed Double C-H Functionalization of 8,8-Biquinolyl: Emergence of an Atropos from a Tropo State. <i>Organic Letters</i> , 2011, 13, 4024-4027.	2.4	19
27	Thieme Chemistry Journal Awardees - Where Are They Now? Stereoselective Synthesis of Z-Configured $\hat{\pm}$ , $\hat{\jmath}^2$ -Unsaturated Macrocyclic Lactones and Diolides by Intramolecular Julia-Kocienski Olefination. <i>Synlett</i> , 2010, 2010, 374-378.	1.0	2
28	Total Synthesis of ( $\hat{\pm}$ )- $\hat{\jmath}^2$ -Isosparteine, ( $\hat{\pm}$ )- $\hat{\jmath}^2$ -Isosparteine, and ( $\hat{\pm}$ )-Sparteine from a Common Tetraoxobispidine Intermediate. <i>Journal of Organic Chemistry</i> , 2008, 73, 7939-7951.	1.7	43
29	Determination of $pK_a$ Values for Diether Derivatives of 7,7-Dihydroxy-8,8-biquinolyl: Dependence of Basicity on Interannular Dihedral Angle. <i>Synthesis</i> , 2008, 2008, 2271-2277.	1.2	9
30	Enzymatic Resolution of 7,7-Dihydroxy-8,8-biquinolyl Dipentanoate and Its Conversion to 2,2-Di-tert-butyl-7,7-dihydroxy-8,8-biquinolyl. <i>Journal of Organic Chemistry</i> , 2007, 72, 9368-9371.	1.7	15
31	Iterative Stereospecific Reagent-Controlled Homologation of Pinacol Boronates by Enantioenriched $\hat{\pm}$ -Chloroalkyllithium Reagents. <i>Journal of the American Chemical Society</i> , 2007, 129, 3068-3069.	6.6	134
32	Competing reaction pathways from $\hat{\pm}$ -halo- $\hat{\jmath}^2$ -proteoalkyl aryl sulfoxides initiated by organometallic reagents. <i>Tetrahedron Letters</i> , 2007, 48, 3999-4002.	0.7	16
33	Resolution, Enantiomerization Kinetics, and Chiroptical Properties of 7,7-Dihydroxy-8,8-biquinolyl. <i>Journal of Organic Chemistry</i> , 2006, 71, 8212-8218.	1.7	28
34	Reagent-Controlled Asymmetric Homologation of Boronic Esters by Enantioenriched Main-Group Chiral Carbenoids. <i>Organic Letters</i> , 2006, 8, 773-776.	2.4	102
35	A Stereocontrolled Synthesis of ( $\hat{\pm}$ )- $\hat{\jmath}^2$ -Isosparteine. <i>Heterocycles</i> , 2006, 70, 609.	0.4	10
36	Ethyl (benzothiazol-2-ylsulfonyl)acetate: a new reagent for the stereoselective synthesis of $\hat{\pm}$ , $\hat{\jmath}^2$ -unsaturated esters from aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1365-1368.	1.5	60

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37	Total Synthesis of Polycavernoside A, A Lethal Toxin of the Red Alga Polycavernosatsudai. Journal of Organic Chemistry, 2005, 70, 5449-5460.	1.7	60
38	A Practical Synthesis of (±)-Isosparteine from a Tetraoxobispidine Core. Organic Letters, 2005, 7, 4721-4724.	2.4	27
39	Harnessing Anionic Rearrangements on the Benzenoid Ring of Quinoline for the Synthesis of 6,6'-Disubstituted 7,7'-Dihydroxy-8,8'-biquinolyls. Journal of Organic Chemistry, 2005, 70, 373-376.	1.7	22
40	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
41	Total Synthesis of Rhizoxin D, a Potent Antimitotic Agent from the Fungus Rhizopus chinensis. Journal of Organic Chemistry, 2002, 67, 7750-7760.	1.7	89
42	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
43	Morphine, the Proteus of organic molecules. Chemical Communications, 2002, , 1159-1168.	2.2	111
44	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
45	Transannular Nitron Cycloaddition. A Stereocontrolled Entry to the Spirocyclic Core of Pinnaic Acid. Organic Letters, 2001, 3, 413-415.	2.4	48
46	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
47	Asymmetric synthesis of (+)-loline. Chemical Communications, 2000, , 1263-1264.	2.2	26
48	The Modified Julia Olefination in Vitamin D2 Synthesis. Synthesis, 1999, 1999, 1209-1215.	1.2	45
49	A Stereoselective Synthesis of trans-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