

# Patrick J Murphy

## List of Publications by Year in descending order

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91  
papers

2,330  
citations

186265

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110  
docs citations

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times ranked

1953  
citing authors

#	ARTICLE	IF	CITATIONS
1	The guanidine metabolites of <i>Ptilocaulis spiculifer</i> and related compounds; isolation and synthesis. <i>Chemical Society Reviews</i> , 2000, 29, 57-67.	38.1	223
2	Synthesis and applications of C2-symmetric guanidine bases. <i>Tetrahedron Letters</i> , 2003, 44, 8677-8680.	1.4	139
3	The Wittig olefination reaction with carbonyl compounds other than aldehydes and ketones. <i>Chemical Society Reviews</i> , 1988, 17, 1.	38.1	124
4	Recent synthetic applications of the non-classical Wittig reaction. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 3049-3066.	0.9	76
5	Epoxy-silanes in organic synthesis. <i>Tetrahedron</i> , 1988, 44, 3953-3973.	1.9	71
6	The study of conducting polymers for use as redox supercapacitors. <i>Synthetic Metals</i> , 1999, 102, 1360-1361.	3.9	64
7	Assessing the scope of the tandem Michael/intramolecular aldol reaction mediated by secondary amines, thiols and phosphines. <i>Tetrahedron</i> , 2001, 57, 7771-7784.	1.9	64
8	Anti-parasitic Guanidine and Pyrimidine Alkaloids from the Marine Sponge <i>Monanchora arbuscula</i> . <i>Journal of Natural Products</i> , 2015, 78, 1101-1112.	3.0	63
9	A short synthetic route to the tricyclic guanidinium core of the batzelladine alkaloids. <i>Tetrahedron</i> , 1998, 54, 9481-9488.	1.9	55
10	Allylsilanes in organic synthesis; convenient preparation of synthetic intermediates by catalytic hydrosilylation of acetylenic alcohols. <i>Tetrahedron Letters</i> , 1990, 31, 1051-1054.	1.4	53
11	Tandem Michael/Michael reactions mediated by phosphines or aryl thiolates. <i>Tetrahedron Letters</i> , 2002, 43, 8707-8710.	1.4	53
12	Biomimetic model studies towards ptilomycin A. <i>Tetrahedron</i> , 1996, 52, 8315-8332.	1.9	51
13	Tandem Michael/intramolecular aldol reactions mediated by secondary amines, thiols and phosphines. <i>Tetrahedron Letters</i> , 1999, 40, 3279-3282.	1.4	50
14	An intramolecular Baylis-Hillman reaction catalysed by secondary amines. <i>Tetrahedron Letters</i> , 1997, 38, 8561-8564.	1.4	48
15	Synthesis of a Novel C2-Symmetric Guanidine Base. <i>Journal of Organic Chemistry</i> , 1999, 64, 1039-1041.	3.2	46
16	Synthesis of the left hand unit of batzelladine F; Revision of the reported relative stereochemistry. <i>Tetrahedron</i> , 1999, 55, 6547-6554.	1.9	38
17	Tandem Michael/Michael reactions mediated by phosphines or aryl thiolates. <i>Tetrahedron</i> , 2007, 63, 1100-1106.	1.9	38
18	A novel stereoselective route to $\beta$ -butyrolactones. <i>Tetrahedron Letters</i> , 1992, 33, 965-968.	1.4	37

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19	Thiophene-Functionalized TTF $\pi$ -Electron Donors as Potential Precursors to Conducting Polymers and Organic Metals: A Synthesis, Properties, Structure, and Electropolymerization Studies. <i>Journal of Organic Chemistry</i> , 1997, 62, 3098-3102.	3.2	37
20	Analogues of Marine Guanidine Alkaloids Are <i>in Vitro</i> Effective against <i>Trypanosoma cruzi</i> and Selectively Eliminate <i>Leishmania</i> ( <i>L.</i> ) <i>infantum</i> Intracellular Amastigotes. <i>Journal of Natural Products</i> , 2016, 79, 2202-2210.	3.0	37
21	A phosphorane mediated synthesis of tetronic, thiotetronic and tetramic lactones. <i>Tetrahedron Letters</i> , 1988, 29, 2063-2065.	1.4	36
22	Dilithiated aminoalcohols as homochiral bases. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 884.	2.0	34
23	The total synthesis of Goniofufurone. <i>Tetrahedron</i> , 1993, 49, 6695-6700.	1.9	31
24	Antimalarial Activity of Crambescidin 800 and Synthetic Analogues against Liver and Blood Stage of <i>Plasmodium</i> sp.. <i>Journal of Antibiotics</i> , 2006, 59, 583-590.	2.0	31
25	Allylsilanes in organic synthesis; An approach to the stereoselective synthesis of units for natural product synthesis. <i>Tetrahedron Letters</i> , 1990, 31, 1059-1062.	1.4	30
26	Stereoselective aldol reactions via titanium enolates. <i>Tetrahedron Letters</i> , 1987, 28, 2037-2039.	1.4	29
27	Synthetic studies towards ptilomycalin a using A biomimetic approach. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 119.	2.0	29
28	A short synthetic route to the tricyclic guanidinium core of the batzelladine alkaloids. <i>Tetrahedron Letters</i> , 1996, 37, 6943-6946.	1.4	29
29	The synthesis and biological activity of the marine metabolite cylindrospermopsin. <i>Chemical Society Reviews</i> , 2001, 30, 303-312.	38.1	29
30	Characterization of the Hydrides in Stryker's Reagent: $[\text{HCu}\{\text{P}(\text{C}_6\text{H}_5)_3\}_3]_6$ . <i>Inorganic Chemistry</i> , 2014, 53, 2963-2967.	4.0	28
31	Allylsilanes in organic synthesis; stereoselective preparation and reactions of functionalised $\beta^2, \beta^3$ -epoxysilanes. <i>Tetrahedron Letters</i> , 1990, 31, 1055-1058.	1.4	27
32	How the Surface Structure Determines the Properties of CuH. <i>Inorganic Chemistry</i> , 2015, 54, 2213-2220.	4.0	27
33	Synthesis of a pentacyclic model of ptilomycalin A. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 819.	2.0	26
34	Synthesis and biological activity of analogues of ptilomycalin A. <i>Tetrahedron Letters</i> , 2001, 42, 3377-3381.	1.4	25
35	Synthesis and epimerisation studies on carbohydrate derived bicyclic tetronate esters: The synthesis of furanofurans related to the cytotoxic metabolite goniofufurone. <i>Tetrahedron</i> , 1997, 53, 4815-4820.	1.9	24
36	A synthesis of crambescidin 359. <i>Tetrahedron Letters</i> , 2003, 44, 251-254.	1.4	24

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37	Nickel dithiolenes containing pendant thiophene units: precursors to dithiolene-polythiophene hybrid materials. <i>Journal of Materials Chemistry</i> , 2008, 18, 475-483.	6.7	24
38	Intramolecular guanidine epoxide ring opening reactions. <i>Tetrahedron Letters</i> , 2003, 44, 3075-3080.	1.4	22
39	Synthesis and Photoreactivity of 4,5-Dithienyl[1,3]dithiol-2-ones. <i>Journal of Organic Chemistry</i> , 2003, 68, 7115-7118.	3.2	22
40	4,4',5,5'-Tetrakis(2-thienyl)tetrathiafulvalene [TT-TTF]: synthesis and first X-ray crystal structure of a thiophene-substituted TTF electron donor. <i>Chemical Communications</i> , 1996, , 2423-2424.	4.1	21
41	Cyclisation reactions of bis-protected guanidines. <i>Tetrahedron Letters</i> , 2008, 49, 185-188.	1.4	21
42	Crystallographic evidence for the proposed host behaviour of ptilomycalin A. <i>Chemical Communications</i> , 1996, , 445.	4.1	20
43	Intramolecular Wittig reactions with esters utilising triphenylphosphine and dimethyl acetylenedicarboxylate. <i>Tetrahedron Letters</i> , 2002, 43, 299-301.	1.4	20
44	A synthetic approach to the plakortones. <i>Tetrahedron Letters</i> , 1999, 40, 3455-3456.	1.4	19
45	Synthetic studies towards ptilomycalin A: total synthesis of crambescidin 359. <i>Tetrahedron</i> , 2007, 63, 11771-11780.	1.9	19
46	Epoxide rearrangements using dilithiated aminoalcohols as chiral bases. <i>Tetrahedron</i> , 2002, 58, 4675-4680.	1.9	18
47	Triacylglycerol composition of British bluebell ( <i>Hyacinthoides non-scripta</i> ) seed oil. <i>RSC Advances</i> , 2012, 2, 5314.	3.6	18
48	Preparation of 2,3-disubstituted-4,5-dihydrothiophenes and thiophenes using the intramolecular non-classical Wittig reaction of thiolcarboxylates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2403.	0.9	16
49	Elucidating cylindrospermopsin toxicity via synthetic analogues: An <i>in vitro</i> approach. <i>Chemosphere</i> , 2019, 234, 139-147.	8.2	16
50	Investigations into a low band gap, semiconducting polymer. <i>Synthetic Metals</i> , 1999, 102, 1000-1001.	3.9	15
51	A biomimetic approach to the cylindrospermopsin alkaloids. <i>Chemical Communications</i> , 2011, 47, 3225.	4.1	14
52	Synthesis, applications and mechanistic investigations of C2 symmetric guanidinium salts. <i>Tetrahedron</i> , 2016, 72, 496-503.	1.9	14
53	Synthetic analogues of cyanobacterial alkaloid cylindrospermopsin and their toxicological activity. <i>Toxicology in Vitro</i> , 2017, 44, 172-181.	2.4	13
54	Synthesis, electrochemical properties and electropolymerization studies on 3-thienyl substituted tetrathiafulvalenes. Single-crystal X-ray structure of 4,4',5,5'-tetrakis-(3-thienyl)-tetrathiafulvalene. <i>Synthetic Metals</i> , 1998, 95, 75-78.	3.9	12

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55	Iodocyclisations reactions of Boc- and Cbz-protected N-allylguanidines. <i>Tetrahedron</i> , 2014, 70, 4412-4419.	1.9	11
56	Structure and spectroscopy of CuH prepared via borohydride reduction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 608-612.	1.1	11
57	Intramolecular Wittig reactions with lactones utilising triphenylphosphine and dimethyl acetylenedicarboxylate. <i>Tetrahedron Letters</i> , 1999, 40, 7151-7152.	1.4	10
58	Michael and substitution reactions of bicyclic tetronic, tetramic and thiotetronic esters.. <i>Tetrahedron</i> , 1994, 50, 8237-8252.	1.9	9
59	On the Photoreactivity of 4,5-Dithiophen-3-yl-[1,3]dithiol-2-one. The First Preparation of a Thieno[3,4-c]dithiine. <i>Organic Letters</i> , 2001, 3, 3573-3574.	4.6	9
60	Synthesis and biological activity of analogues of batzelladine F. <i>Tetrahedron</i> , 2013, 69, 3061-3066.	1.9	9
61	Electropolymerization Studies on a Series of Thiophene-Substituted 1,3-Dithiole-2-ones: Solid-State Preparation of a Novel TTF-Derivatized Polythiophene. <i>Macromolecules</i> , 2009, 42, 2505-2515.	4.8	8
62	Synthesis, structure and spectroscopic properties of a new class of polymerisable nickel dithiolenes. <i>Journal of Materials Chemistry</i> , 2009, 19, 6194.	6.7	8
63	Iodocyclisation and rearrangement reactions of mono-protected allyl substituted guanidines. <i>Tetrahedron Letters</i> , 2010, 51, 6825-6829.	1.4	8
64	Short synthesis of the furanofuran sub-unit of the toxin erythrokyrine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 1323.	0.9	7
65	Spectroelectrochemistry of bridged dithienyl derived polymers. <i>Synthetic Metals</i> , 1999, 101, 123.	3.9	7
66	Preparation of an ABC tricyclic model of the cylindrospermopsin alkaloids via a biomimetically inspired pathway. <i>RSC Advances</i> , 2014, 4, 20744-20751.	3.6	6
67	A synthesis of tiruchanduramine and a reinvestigation of its glycosidase inhibitory activity. <i>Tetrahedron</i> , 2017, 73, 4545-4548.	1.9	6
68	Synthesis of zephycandidine A from haemanthamine. <i>Tetrahedron Letters</i> , 2020, 61, 151785.	1.4	6
69	Polymethoxy-1-Alkenes Screening of Chlorella and Spirulina Food Supplements Coupled with In Vivo Toxicity Studies. <i>Toxins</i> , 2020, 12, 111.	3.4	6
70	1,1,2,2-Tetralithioferrocene and 1,1,2,2,3,3-Hexalithioferrocene: Useful Additions to Ferrocene Precursor Compounds. <i>Organometallics</i> , 2021, 40, 600-605.	2.3	6
71	Synthetic Route to 1,1,2,2-Tetraiodoferrocene That Avoids Isomerization and the Electrochemistry of Some Tetrahaloferrocenes. <i>Organometallics</i> , 2021, 40, 2496-2503.	2.3	6
72	Langmuir and Langmuir-Blodgett (LB) films of 4-dicyanomethylene,4H-cyclopenta[2,1-b,3,4-b']dithiophene. <i>Thin Solid Films</i> , 2000, 366, 249-254.	1.8	5

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73	Intramolecular palladium mediated $\alpha$ -allyl cyclisation of bis-Cbz- and bis-Boc-protected guanidines. <i>Tetrahedron Letters</i> , 2013, 54, 6716-6718.	1.4	5
74	Intramolecular epoxide ring opening cyclisation reactions involving guanidines. <i>Tetrahedron</i> , 2017, 73, 845-852.	1.9	5
75	One or More CH, CC, and/or CC Bonds Formed by Rearrangement. , 1995, , 793-842.		4
76	Quorum sensing N-Acyl homoserine lactones are a new class of anti-schistosomal. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008630.	3.0	4
77	The Cylindrospermopsin Alkaloids. <i>The Alkaloids Chemistry and Biology</i> , 2011, 70, 1-77.	2.0	3
78	Self sensitized photooxidation of tetrathienyltetrathiafulvalenes: synthesis of thienyl substituted 1,2,5,8-tetrathiecine-6,7-dione, a new heterocyclic system. <i>Tetrahedron Letters</i> , 2013, 54, 1227-1229.	1.4	3
79	A study of polymethoxy-1-alkenes in <i>Raphidiopsis</i> ( <i>Cylindrospermopsis</i> ) <i>raciborskii</i> and <i>Aphanizomenon gracile</i> isolated in Poland. <i>Toxicon</i> , 2019, 171, 51-53.	1.6	3
80	Slight changes in the chemical structure of haemanthamine greatly influence the effect of the derivatives on rumen fermentation in vitro. <i>Scientific Reports</i> , 2019, 9, 2440.	3.3	3
81	The Synthesis and Glycosidase Inhibitory Activity of Analogues of Tiruchanduramine. <i>Heterocycles</i> , 2020, 100, 609.	0.7	3
82	Substitution and Michael reactions of bicyclic tetronic, tetramic and thiotetronic esters. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1831.	0.9	2
83	Proline derived guanidine catalysts forge extensive H-bonded architectures: a solution and solid state study. <i>RSC Advances</i> , 2020, 10, 22397-22416.	3.6	2
84	$\alpha$ -Synthetic methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2000, 96, 39-63.	0.9	1
85	Synthesis and photoreactivity of aryl substituted 4,5-dithienyl[1,3]dithiol-2-ones. <i>Tetrahedron</i> , 2009, 65, 3858-3862.	1.9	1
86	N-carbamate protected amino acid derived guanidine organocatalysts. <i>Tetrahedron</i> , 2021, 89, 132093.	1.9	1
87	Synthesis of (+)-(R)-Tiruchanduramine. <i>Molecules</i> , 2022, 27, 1338.	3.8	1
88	Ethyl 3-(diphenylphosphinoyl)-3-phenylpropionate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o990-o991.	0.2	0
89	Tandem Michael/Michael Reactions Mediated by Phosphines or Aryl Thiolates.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
90	Synthesis and Applications of C2-Symmetric Guanidine Bases.. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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91	A Convenient Preparation of (1R,2S,7S,8R)-3,5-Diaza-2,7-dimethyl-1,8-diphenyloctan-1,8-diol and Its Enantiomer. Chemical and Pharmaceutical Bulletin, 2006, 54, 1331-1332.	1.3	0