

Joseph B Sweeney

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1241759/publications.pdf>

Version: 2024-02-01

61
papers

2,811
citations

257101

24
h-index

174990

52
g-index

66
all docs

66
docs citations

66
times ranked

2109
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel Kinetic Resolution of Intramolecular Furan Diels-Alder Cycloadducts via Asymmetric Hydroboration. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7223-7227.	1.2	5
2	Synthesis of a Protected <i>keto</i> -Lysidine Analogue via Improved Preparation of <i>Arabino</i> -isoCytosine Nucleosides. <i>Organic Letters</i> , 2019, 21, 2004-2007.	2.4	3
3	Optimizing the Mizoroki-Heck reaction of cyclic allyl amines: Gram-scale synthesis of preclamol without protecting groups. <i>Journal of Catalysis</i> , 2018, 360, 97-101.	3.1	3
4	Catalytic C-C Bond Formation Using a Simple Nickel Precatalyst System: Base- and Activator-Free Direct C-Allylation by Alcohols and Amines. <i>Chemistry - A European Journal</i> , 2018, 24, 7354-7357.	1.7	20
5	Synthesis of 3-Substituted Pyrrolidines via Palladium-Catalyzed Hydroarylation. <i>IScience</i> , 2018, 9, 328-336.	1.9	5
6	Riluzole-Triazole Hybrids as Novel Chemical Probes for Neuroprotection in Amyotrophic Lateral Sclerosis. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 552-556.	1.3	17
7	A Simple, Broad-Scope Nickel(0) Precatalyst System for the Direct Amination of Allyl Alcohols. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10202-10206.	7.2	37
8	A Simple, Broad-Scope Nickel(0) Precatalyst System for the Direct Amination of Allyl Alcohols. <i>Angewandte Chemie</i> , 2018, 130, 10359-10363.	1.6	7
9	Catalytic $\text{sp}^3\text{-sp}^3$ Functionalisation of Sulfonamides: Late-Stage Modification of Drug-Like Molecules. <i>Chemistry - A European Journal</i> , 2017, 23, 1494-1497.	1.7	7
10	An iron-catalysed C-C bond-forming spirocyclization cascade providing sustainable access to new 3D heterocyclic frameworks. <i>Nature Chemistry</i> , 2017, 9, 396-401.	6.6	44
11	Tandem Aryne-Capture/Sigmatropic Rearrangement as a Metal-Free Entry to Functionalized <i>N</i> -Aryl Pyrrolidines. <i>Chemistry - A European Journal</i> , 2017, 23, 101-104.	1.7	27
12	The creation and characterisation of a National Compound Collection: the Royal Society of Chemistry pilot. <i>Chemical Science</i> , 2016, 7, 3869-3878.	3.7	8
13	Reaction Workup Planning: A Structured Flowchart Approach, Exemplified in Difficult Aqueous Workup of Hydrophilic Products. <i>Journal of Chemical Education</i> , 2015, 92, 488-496.	1.1	10
14	An Improved Method for Difluorocyclopropanation of Alkenes. <i>Synlett</i> , 2014, 25, 1756-1758.	1.0	11
15	A Robust First-Pass Protocol for the Heck-Mizoroki Reaction. <i>Organic Process Research and Development</i> , 2013, 17, 397-405.	1.3	45
16	Catalytic Synthesis of Riboside-Amino Acid Hybrids. <i>Synlett</i> , 2013, 24, 2170-2172.	1.0	1
17	Preparation and ring-opening reactions of <i>N</i> -diphenylphosphinyl vinyl aziridines. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 852-859.	1.3	12
18	An Efficient Method for Reductive Amination of Carbonyl Compounds under Nonacidic Conditions. <i>Synlett</i> , 2012, 23, 2176-2178.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Oxadiazole isomers: all bioisosteres are not created equal. <i>MedChemComm</i> , 2012, 3, 600.	3.5	33
20	Probing the Effect of Allylic Substitution on Cyclic Ammonium Ylid Rearrangements. <i>Synlett</i> , 2010, 2010, 664-666.	1.0	5
21	Aziridine Synthesis via Nucleophilic Attack of Carbene Equivalents on Imines: the Aza-Darzens Reaction. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4911-4919.	1.2	78
22	Sigmatropic rearrangements of λ^5 -onium ylids. <i>Chemical Society Reviews</i> , 2009, 38, 1027.	18.7	201
23	Bidentates versus Monodentates in Asymmetric Hydrogenation Catalysis: Synergic Effects on Rate and Allosteric Effects on Enantioselectivity. <i>Journal of the American Chemical Society</i> , 2008, 130, 6840-6847.	6.6	45
24	A Low-Temperature Ammonium Ylid Rearrangement: Enhanced Reactivity Engendered by Rigidity. <i>Synlett</i> , 2008, 2008, 2213-2214.	1.0	2
25	Hydroxyselanylation of acyloxycyclohex-3-enes. <i>Tetrahedron</i> , 2007, 63, 2729-2737.	1.0	6
26	Asymmetric aziridine synthesis by aza-Darzens reaction of N-diphenylphosphinylimines with chiral enolates. Part 1: Formation of cis-aziridines. <i>Tetrahedron</i> , 2006, 62, 3681-3693.	1.0	33
27	Asymmetric aziridine synthesis by aza-Darzens reaction of N-diphenylphosphinylimines with chiral enolates. Part 2: Inversion of diastereoselectivity. <i>Tetrahedron</i> , 2006, 62, 3694-3703.	1.0	26
28	Asymmetric ammonium ylid rearrangements: the effect of nitrogen asymmetry. <i>Tetrahedron</i> , 2006, 62, 11506-11512.	1.0	15
29	Substituent effects in hydroxyiodination of 1,2-diacyloxycyclohex-3-enes. <i>Tetrahedron</i> , 2006, 62, 11565-11571.	1.0	5
30	Synthesis of Aziridines. , 2006, , 117-144.		28
31	Double Coupling Reactions of 3,4-Bis(stannyl)furanone: Facile Preparation of Diaryl- and Dibenzylfuranones. <i>Synlett</i> , 2006, 2006, 1747-1749.	1.0	2
32	Stille Reactions of 2,3-Bis(stannyl)butenoates: An Unexpected Regioselectivity. <i>Synlett</i> , 2006, 2006, 1577-1579.	1.0	1
33	A New Class of Ammonium Ylid for [2,3]-Sigmatropic Rearrangement Reactions: λ^5 -endo-Spiro Ylids. <i>Organic Letters</i> , 2005, 7, 2075-2078.	2.4	34
34	Asymmetric [2,3]-Rearrangement of Glycine-Derived Allyl Ammonium Ylids. <i>Journal of the American Chemical Society</i> , 2005, 127, 1066-1067.	6.6	75
35	First Efficient and General Copper-Catalyzed [2,3]-Rearrangement of Tetrahydropyridinium Ylids.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
36	First Efficient and General Copper-Catalyzed [2,3]-Rearrangement of Tetrahydropyridinium Ylids. <i>Organic Letters</i> , 2003, 5, 4775-4777.	2.4	33

#	ARTICLE	IF	CITATIONS
37	Preparation and ring-opening reactions of N,O-bis(diphenylphosphinyl) hydroxymethylaziridine (â€”Di-Dppâ€™). Tetrahedron, 2003, 59, 3677-3690.	1.0	18
38	Copper(II)-Catalyzed [2,3]-Sigmatropic Rearrangement of N-Methyltetrahydropyridinium Ylids. Journal of Organic Chemistry, 2003, 68, 4083-4086.	1.7	29
39	The First Preparation of Î²-Lactones by Radical Cyclization. Organic Letters, 2003, 5, 757-759.	2.4	12
40	Preparation and reactions of 3,4-bisstannyl-2(5H)furanones. Tetrahedron, 2002, 58, 9117-9129.	1.0	22
41	[2,3]-Sigmatropic rearrangements of didehydropiperidinium ylids. Tetrahedron, 2002, 58, 10113-10126.	1.0	31
42	Aziridines: epoxidesâ€™ ugly cousins?. Chemical Society Reviews, 2002, 31, 247-258.	18.7	824
43	Preparation and Reactions of 3,4-Bis(tributylstannyl)-2(5H)-furanone. Journal of Organic Chemistry, 1999, 64, 328-329.	1.7	48
44	Preparation and ring-opening reactions of N-Diphenylphosphinyl aziridines. Tetrahedron, 1998, 54, 2181-2208.	1.0	47
45	Factors influencing the regiochemistry of hydroxyiodination of 1,2-diacycloxy cyclohex-3-enes. Tetrahedron Letters, 1998, 39, 8703-8706.	0.7	4
46	The asymmetric synthesis of aziridines. Tetrahedron: Asymmetry, 1997, 8, 1693-1715.	1.8	459
47	Further hydroxyiodination of 1-acetoxycyclohex-2-enes: Preparation of tetraacetyl conduritol D. Tetrahedron Letters, 1996, 37, 6579-6582.	0.7	2
48	Diastereospecific hydroxyiodination of 1-acetoxycyclohex-2-ene via intramolecular delivery of oxygen. Tetrahedron Letters, 1994, 35, 1405-1408.	0.7	12
49	Direct preparation of N-diphenylphosphinoyl aziridines from 1,2-aminoalcohols utilizing nucleofugacity of diphenylphosphinates. Tetrahedron Letters, 1994, 35, 3159-3162.	0.7	25
50	A practical alternative to sulfonyl activation of aziridines: Ring-opening of N-diphenylphosphinoyl aziridines by carbon nucleophiles. Tetrahedron Letters, 1994, 35, 2739-2742.	0.7	28
51	Diastereospecific hydroxyselenation of cyclohex-2-enyl phenylglycinates. Tetrahedron: Asymmetry, 1994, 5, 177-180.	1.8	5
52	Hydroxyselenation of acetoxycyclohex-2-ene. Tetrahedron Letters, 1994, 35, 1781-1784.	0.7	10
53	Alcohols, phenols, and ethers. Contemporary Organic Synthesis, 1994, 1, 243.	1.5	1
54	Amino acid synthesis via ring opening of N-sulphonyl aziridine-2-carboxylate esters with organometallic reagents.. Tetrahedron, 1993, 49, 6309-6330.	1.0	106

#	ARTICLE	IF	CITATIONS
55	Enantioselective synthesis of monocerin and fusarentin ethers: Antifungal and insecticidal fungal metabolites.. Tetrahedron Letters, 1992, 33, 7569-7572.	0.7	36
56	Preparation and reactions of 3- and 4-tributylstannyl-2-(5H)-furanones: Preparation of aryl furanones. Tetrahedron Letters, 1992, 33, 7049-7052.	0.7	33
57	Preparation of a highly functionalized allylsilane for use in three-bond cascade reactions. Tetrahedron Letters, 1992, 33, 5591-5592.	0.7	3
58	The synthesis of isotopically labelled N-acetylcysteamine thioesters utilising a baker's yeast reduction in D2O. Bioorganic and Medicinal Chemistry Letters, 1991, 1, 223-226.	1.0	10
59	The ring opening of aziridine-2-carboxylate esters with organometallic reagents. Journal of the Chemical Society Chemical Communications, 1989, , 1852.	2.0	83
60	Reactions of a glycidyl radical equivalent with 2-functionalised allyl stannanes. Journal of the Chemical Society Chemical Communications, 1988, , 1030.	2.0	52
61	Improved synthesis of $\hat{\pm}$ -Methylene- $\hat{1}^3$ -lactones organotin reagents. Tetrahedron Letters, 1986, 27, 5423-5424.	0.7	22