

Joanne E Harvey

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrocyclic Ring-Opening/ π -Allyl Cation Cyclization Reaction Sequences Involving gem-Dihalocyclopropanes as Substrates: Application to Syntheses of ($\hat{\pm}$)-, (+)-, and ($\hat{\pm}$)- $\hat{13}$ -Lycorane. <i>Journal of Organic Chemistry</i> , 2000, 65, 4241-4250.	3.2	71
2	Total Synthesis of Aigialomycin D Using a Ramberg \hat{B} acklund/RCM Strategy. <i>Journal of Organic Chemistry</i> , 2009, 74, 2271-2277.	3.2	66
3	Synthesis of Oxepines and 2-Branched Pyranosides from a $\langle\text{scp}\rangle\text{d}\langle\text{scp}\rangle$ -Glucal-Derived $\langle\text{i}\rangle\text{gem}\langle\text{i}\rangle$ -Dibromo-1,2-cyclopropanated Sugar. <i>Journal of Organic Chemistry</i> , 2010, 75, 955-958.	3.2	51
4	Highly functionalised organolithium and organoboron reagents for the preparation of enantiomerically pure $\hat{1}\pm$ -amino acids. <i>Tetrahedron</i> , 2005, 61, 3403-3417.	1.9	48
5	Pd-Catalyzed Allylic Alkylation Cascade with Dihydropyrans: Regioselective Synthesis of Furo[3,2- $\langle\text{i}\rangle\text{c}\langle\text{i}\rangle$]pyrans. <i>Organic Letters</i> , 2013, 15, 2430-2433.	4.6	43
6	A Versatile and Stereocontrolled Route to Pyranose and Furanose C-Glycosides. <i>Organic Letters</i> , 2004, 6, 2611-2614.	4.6	33
7	An Overview on Chemical Derivatization and Stability Aspects of Selected Avermectin Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 931-944.	1.3	33
8	Heptanosides from Galactose-Derived Oxepenes via Stereoselective Addition Reactions. <i>Journal of Organic Chemistry</i> , 2009, 74, 7627-7632.	3.2	28
9	Synthesis of the C12 $\hat{\text{a}}$ C24 fragment of peloruside A by silyl-tethered diastereomer-discriminating RCM. <i>Tetrahedron Letters</i> , 2008, 49, 7021-7023.	1.4	26
10	Synthesis of non-proteinogenic phenylalanine analogues by Suzuki cross-coupling of a serine-derived alkyl boronic acid. <i>Tetrahedron Letters</i> , 2004, 45, 2467-2471.	1.4	23
11	Genome mining, isolation, chemical synthesis and biological evaluation of a novel lanthipeptide, tikitericin, from the extremophilic microorganism $\langle\text{i}\rangle\text{Thermogemmatispora}\langle\text{i}\rangle$ strain T81. <i>Chemical Science</i> , 2018, 9, 7311-7317.	7.4	23
12	Synthesis of C-furanosides from a $\langle\text{scp}\rangle\text{d}\langle\text{scp}\rangle$ -glucal-derived cyclopropane through a ring-expansion/ring-contraction sequence. <i>Chemical Communications</i> , 2011, 47, 421-423.	4.1	21
13	The first synthesis of the epoxide-containing macrolactone nucleus of oximidine I. <i>Tetrahedron Letters</i> , 2003, 44, 7209-7212.	1.4	18
14	Separation and identification of degradation products in eprinomectin formulation using LC, LTQ FT-MS, H/D exchange, and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 63, 62-73.	2.8	18
15	Reactions of 1,2-cyclopropyl carbohydrates. <i>Pure and Applied Chemistry</i> , 2014, 86, 1377-1399.	1.9	18
16	Synthetic, semisynthetic and natural analogues of peloruside A. <i>Chemical Communications</i> , 2015, 51, 4750-4765.	4.1	18
17	Isolation and characterization of degradation products of moxidectin using LC, LTQ FT-MS, H/D exchange and NMR. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2203-2222.	3.7	15
18	Divergent synthesis of 2-C-branched pyranosides and oxepines from 1,2-gem-dibromocyclopropyl carbohydrates. <i>Tetrahedron</i> , 2014, 70, 7032-7043.	1.9	13

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19	Electrocyclic Ring-Opening Reactions of gem-Dibromocyclopropanes in the Synthesis of Natural Products and Related Compounds. <i>Synlett</i> , 2006, 2006, 1975-2000.	1.8	11
20	Analytical Profile of Moxidectin. Profiles of Drug Substances, Excipients and Related Methodology, 2013, 38, 315-366.	8.0	11
21	¹³ C NMR Analysis of 3,6-Dihydro-2H-pyrans: Assignment of Remote Stereochemistry Using Axial Shielding Effects. <i>Journal of Organic Chemistry</i> , 2014, 79, 5521-5532.	3.2	11
22	Synthesis of the (âˆ™)-TAN-2483B ring system via a d-mannose-derived cyclopropane. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 998-1000.	2.8	10
23	Synthesis and Solution Aggregation Studies of a Suite of Mixed Neutral and Zwitterionic Chromophores for Second-Order Nonlinear Optics. <i>Journal of Organic Chemistry</i> , 2014, 79, 10153-10169.	3.2	10
24	Alkenylphosphonates: unexpected products from reactions of methyl 2-[(diethoxyphosphoryl)methyl]benzoate under Hornerâ€™Wadsworthâ€™Emmons conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4432.	2.8	9
25	Synthesis of diastereomeric, deoxy and ring-expanded sulfone analogues of aigialomycin D. <i>Tetrahedron</i> , 2013, 69, 10581-10592.	1.9	8
26	Mechanistic studies of rearrangements during the ring expansions of cyclopropanated carbohydrates. <i>Tetrahedron Letters</i> , 2009, 50, 7283-7285.	1.4	7
27	Synthesis of Bioactive Sideâ€™Chain Analogues of TANâ€™2483B. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1230-1237.	3.3	7
28	Kinase-Inhibitory Nucleoside Derivatives from the Pacific Bryozoan <i>Nelliella nelliiformis</i> . <i>Journal of Natural Products</i> , 2020, 83, 547-551.	3.0	7
29	Stereochemical Control in Carbohydrate Chemistry. <i>Journal of Chemical Education</i> , 2008, 85, 689.	2.3	6
30	A colourful azulene-based protecting group for carboxylic acids. <i>Tetrahedron</i> , 2018, 74, 2942-2955.	1.9	6
31	Total Synthesis and Bioactivity Studies of Fungal Metabolite (âˆ™)-TAN-2483B. <i>Organic Letters</i> , 2020, 22, 9427-9432.	4.6	6
32	Synthesis of a simplified triazole analogue of pateamine A. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5117-5127.	2.8	5
33	Towards a simplified peloruside A: synthesis of C1â€™C11 of a dihydropyran analogue. <i>Tetrahedron</i> , 2011, 67, 9376-9381.	1.9	4
34	Separation and Identification of Degradation Products in Abamectin Formulation Using LC, LTQ FT-MS, H/D Exchange and NMR. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 415-430.	0.6	4
35	Evaluation of degradation kinetics for abamectin in formulations using a stability indicating method. <i>Acta Pharmaceutica</i> , 2013, 63, 59-69.	2.0	3
36	Synthesis of mycothiol conjugate analogues and evaluation of their antimycobacterial activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2152-2155.	2.2	3

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37	Preparation of conjugated dienoates with Bestmann ylide: Towards the synthesis of zampanolide and dactyloide using a facile linchpin approach. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1815-1822.	2.2	2
38	Functional, water-dispersible gold nanoparticles produced with N,N- ϵ^2 -bis(acryloyl)-L-cystine. <i>RSC Advances</i> , 2015, 5, 104079-104086.	3.6	2
39	Gold(I)-catalyzed, one-pot, oxidative formation of 2,4-disubstituted thiazoles: Application to the synthesis of a pateamine-related macrodiolide. <i>Tetrahedron</i> , 2021, 88, 132109.	1.9	2
40	Mechanistic Studies on the Base-Promoted Ring Opening of Glycal-Derived <i>gem</i> -Dibromocyclopropanes. <i>Journal of Organic Chemistry</i> , 2022, 87, 301-315.	3.2	2
41	Unraveling the binding mode of a methamphetamine aptamer: A spectroscopic and calorimetric study. <i>Biophysical Journal</i> , 2022, 121, 2193-2205.	0.5	2