

# Joanne E Harvey

## List of Publications by Year in descending order

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41  
papers

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citations

516710

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times ranked

790  
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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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         |
| 2  | Unraveling the binding mode of a methamphetamine aptamer: A spectroscopic and calorimetric study. <i>Biophysical Journal</i> , 2022, 121, 2193-2205.   | 0.5 | 2         |
| 3  | 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         |
| 4  | Total Synthesis and Bioactivity Studies of Fungal Metabolite ( $\hat{\alpha}$ )-TAN-2483B. <i>Organic Letters</i> , 2020, 22, 9427-9432.   | 4.6 | 6         |
| 5  | 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         |
| 6  | Synthesis of Bioactive Side-Chain Analogues of TAN-2483B. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1230-1237.   | 3.3 | 7         |
| 7  | A colourful azulene-based protecting group for carboxylic acids. <i>Tetrahedron</i> , 2018, 74, 2942-2955.   | 1.9 | 6         |
| 8  | Genome mining, isolation, chemical synthesis and biological evaluation of a novel lanthipeptide, tikitericin, from the extremophilic microorganism <i>Thermogemmatispora</i> strain T81. <i>Chemical Science</i> , 2018, 9, 7311-7317. | 7.4 | 23        |
| 9  | Synthesis of a simplified triazole analogue of pateamine A. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5117-5127.   | 2.8 | 5         |
| 10 | Preparation of conjugated dienolates with Bestmann ylide: Towards the synthesis of zampanolide and dactyloolide using a facile linchpin approach. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1815-1822.                 | 2.2 | 2         |
| 11 | Synthetic, semisynthetic and natural analogues of peloruside A. <i>Chemical Communications</i> , 2015, 51, 4750-4765.  | 4.1 | 18        |
| 12 | 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         |
| 13 | Functional, water-dispersible gold nanoparticles produced with N,N-bis(acryloyl)-cystine. <i>RSC Advances</i> , 2015, 5, 104079-104086.  | 3.6 | 2         |
| 14 | Reactions of 1,2-cyclopropyl carbohydrates. <i>Pure and Applied Chemistry</i> , 2014, 86, 1377-1399.   | 1.9 | 18        |
| 15 | 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        |
| 16 | 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        |
| 17 | <sup>13</sup> 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        |
| 18 | Analytical Profile of Moxidectin. <i>Profiles of Drug Substances, Excipients and Related Methodology</i> , 2013, 38, 315-366.  | 8.0 | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Synthesis of diastereomeric, deoxy and ring-expanded sulfone analogues of aigialomycin D. <i>Tetrahedron</i> , 2013, 69, 10581-10592.   | 1.9 | 8         |
| 20 | Pd-Catalyzed Allylic Alkylation Cascade with Dihydropyrans: Regioselective Synthesis of Furo[3,2- <i>c</i> ]pyrans. <i>Organic Letters</i> , 2013, 15, 2430-2433.   | 4.6 | 43        |
| 21 | Evaluation of degradation kinetics for abamectin in formulations using a stability indicating method. <i>Acta Pharmaceutica</i> , 2013, 63, 59-69.  | 2.0 | 3         |
| 22 | 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         |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Synthesis of C-furanosides from a <i>d</i> -glucal-derived cyclopropane through a ring-expansion/ring-contraction sequence. <i>Chemical Communications</i> , 2011, 47, 421-423.                               | 4.1 | 21        |
| 27 | Alkenylphosphonates: unexpected products from reactions of methyl 2-[(diethoxyphosphoryl)methyl]benzoate under Horner-Wadsworth-Emmons conditions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4432. | 2.8 | 9         |
| 28 | Towards a simplified peloruside A: synthesis of C1-C11 of a dihydropyran analogue. <i>Tetrahedron</i> , 2011, 67, 9376-9381.  | 1.9 | 4         |
| 29 | Synthesis of the (1 <sup>~</sup> )-TAN-2483B ring system via a <i>d</i> -mannose-derived cyclopropane. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 998-1000.   | 2.8 | 10        |
| 30 | Synthesis of Oxepines and 2-Branched Pyranosides from a <i>d</i> -Glucal-Derived <i>gem</i> -Dibromo-1,2-cyclopropanated Sugar. <i>Journal of Organic Chemistry</i> , 2010, 75, 955-958.                      | 3.2 | 51        |
| 31 | Mechanistic studies of rearrangements during the ring expansions of cyclopropanated carbohydrates. <i>Tetrahedron Letters</i> , 2009, 50, 7283-7285.  | 1.4 | 7         |
| 32 | Heptanosides from Galactose-Derived Oxepenes via Stereoselective Addition Reactions. <i>Journal of Organic Chemistry</i> , 2009, 74, 7627-7632.   | 3.2 | 28        |
| 33 | Total Synthesis of Aigialomycin D Using a Ramberg-Bäcklund/RCM Strategy. <i>Journal of Organic Chemistry</i> , 2009, 74, 2271-2277.   | 3.2 | 66        |
| 34 | Synthesis of the C12-C24 fragment of peloruside A by silyl-tethered diastereomer-discriminating RCM. <i>Tetrahedron Letters</i> , 2008, 49, 7021-7023.  | 1.4 | 26        |
| 35 | Stereochemical Control in Carbohydrate Chemistry. <i>Journal of Chemical Education</i> , 2008, 85, 689.   | 2.3 | 6         |
| 36 | Electrocyclic Ring-Opening Reactions of <i>gem</i> -Dibromocyclopropanes in the Synthesis of Natural Products and Related Compounds. <i>Synlett</i> , 2006, 2006, 1975-2000.                                  | 1.8 | 11        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Highly functionalised organolithium and organoboron reagents for the preparation of enantiomerically pure $\hat{\pm}$ -amino acids. <i>Tetrahedron</i> , 2005, 61, 3403-3417.  | 1.9 | 48        |
| 38 | 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        |
| 39 | A Versatile and Stereocontrolled Route to Pyranose and FuranoseC-Glycosides. <i>Organic Letters</i> , 2004, 6, 2611-2614.  | 4.6 | 33        |
| 40 | The first synthesis of the epoxide-containing macrolactone nucleus of oximidine I. <i>Tetrahedron Letters</i> , 2003, 44, 7209-7212.   | 1.4 | 18        |
| 41 | Electrocyclic Ring-Opening/ $\hat{\epsilon}$ -Allyl Cation Cyclization Reaction Sequences Involving gem-Dihalocyclopropanes as Substrates: A Application to Syntheses of ( $\hat{\pm}$ )-, (+)-, and ( $\hat{\ast}$ )- $\hat{1}^3$ -Lycorane. <i>Journal of Organic Chemistry</i> , 2000, 65, 4241-4250. | 3.2 | 71        |