

James L Gleason

List of Publications by Year in descending order

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53
papers

2,889
citations

236925

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168389

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61
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docs citations

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times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	The stabilized iminium catalyzed (<i>E</i>)-polyene cyclization: trapping of non-activated terminating groups enabled by cationâ€” interactions. Canadian Journal of Chemistry, 2022, 100, 212-216.	1.1	3
2	Dual-function antiandrogen/HDACi hybrids based on enzalutamide and entinostat. Bioorganic and Medicinal Chemistry Letters, 2022, 55, 128441.	2.2	3
3	Total Synthesis of (âˆ”) -3-Oxoisotaxodione. Organic Letters, 2022, 24, 2305-2309.	4.6	11
4	Molecular mechanisms of bifunctional vitamin D receptor agonist-histone deacetylase inhibitor hybrid molecules in triple-negative breast cancer. Scientific Reports, 2022, 12, 6745.	3.3	1
5	Hydrazideâ€”Catalyzed Polyene Cyclization: Asymmetric Organocatalytic Synthesis of <i>cis</i>-â€”Decalins. Angewandte Chemie - International Edition, 2020, 59, 253-258.	13.8	24
6	Hydrazideâ€”Catalyzed Polyene Cyclization: Asymmetric Organocatalytic Synthesis of cis -â€”Decalins. Angewandte Chemie, 2020, 132, 259-264.	2.0	3
7	Mechanism of an Organocatalytic Cope Rearrangement Involving Iminium Intermediates: Elucidating the Role of Catalyst Ring Size. Journal of the American Chemical Society, 2020, 142, 16877-16886.	13.7	10
8	Aminoalkylation of [1.1.1]Propellane Enables Direct Access to High-Value 3-Alkylbicyclo[1.1.1]pentan-1-amines. Organic Letters, 2019, 21, 6800-6804.	4.6	56
9	A Spiroalkylation Method for the Stereoselective Construction of Î±-Quaternary Carbons and Its Application to the Total Synthesis of (<i>R</i>)-Puraquinonic Acid. Organic Letters, 2019, 21, 9729-9733.	4.6	21
10	A bio-inspired cascade and a late-stage directed sp ³ C H lithiation enables a concise total synthesis of (âˆ”) -viroaine A. Tetrahedron, 2018, 74, 759-768.	1.9	11
11	Efficacy of hybrid vitamin D receptor agonist/histone deacetylase inhibitors in vitamin D-resistant triple-negative 4T1 breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2018, 177, 135-139.	2.5	10
12	Diazepane Carboxylates as Organocatalysts in the Dielsâ€”Alder Reaction of Î±-Substituted Enals. European Journal of Organic Chemistry, 2018, 2018, 5412-5416.	2.4	9
13	Incorporation of histone deacetylase inhibitory activity into the core of tamoxifen â€” A new hybrid design paradigm. Bioorganic and Medicinal Chemistry, 2018, 26, 4428-4440.	3.0	14
14	Homozygous Calcium-Sensing Receptor Polymorphism R544Q Presents as Hypocalcemic Hypoparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2879-2888.	3.6	18
15	Bifunctional Vitamin D Hybrid Molecules. , 2018, , 647-655.		0
16	Organocatalytic Michael Addition of Indoles to Î±-Substituted Enals by Using a Diazepane Carboxylate Catalyst. European Journal of Organic Chemistry, 2017, 2017, 2637-2640.	2.4	11
17	A Concise Enantioselective Total Synthesis of (âˆ”) -viroaineâ€”...A. Angewandte Chemie - International Edition, 2017, 56, 10830-10834.	13.8	42
18	A Concise Enantioselective Total Synthesis of (âˆ”) -viroaineâ€”...A. Angewandte Chemie, 2017, 129, 10970-10974.	4.0	13

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19	An Organocatalytic Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11557-11561.	13.8	36
20	An Organocatalytic Cope Rearrangement. <i>Angewandte Chemie</i> , 2016, 128, 11729-11733.	2.0	12
21	Design, synthesis and evaluation of antiestrogen and histone deacetylase inhibitor molecular hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7597-7606.	3.0	28
22	Optimization of histone deacetylase inhibitor activity in non-secosteroidal vitamin D-receptor agonist hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5035-5049.	3.0	9
23	A robust synthesis of N-glycolyl muramyl dipeptide via azidonitration/reduction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1515-1520.	2.8	14
24	Direct Intramolecular Catalytic Enantioselective Alkylation of Oxazolidinone Bromoalkanoate Imides. <i>Synlett</i> , 2014, 25, 2802-2805.	1.8	3
25	Docking Ligands into Flexible and Solvated Macromolecules. 6. Development and Application to the Docking of HDACs and other Zinc Metalloenzymes Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 254-265.	5.4	39
26	A Concise Total Synthesis of (R)-Puraquinonic Acid. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3442-3445.	13.8	38
27	Role of SUMOylation in Full Antiestrogenicity. <i>Molecular and Cellular Biology</i> , 2012, 32, 3823-3837.	2.3	23
28	Synthetically Accessible Non-Secosteroidal Hybrid Molecules Combining Vitamin D Receptor Agonism and Histone Deacetylase Inhibition. <i>Chemistry and Biology</i> , 2012, 19, 963-971.	6.0	24
29	Vitamin D receptor agonist/histone deacetylase inhibitor molecular hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4119-4137.	3.0	34
30	Application of a [6+4] cycloaddition strategy toward the total synthesis of CP-225,917. <i>Tetrahedron</i> , 2010, 66, 368-378.	1.9	24
31	An <i>o</i> -Aminoanilide Analogue of 1 \pm ,25-Dihydroxyvitamin D ₃ Functions as a Strong Vitamin D Receptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7461-7465.	6.4	22
32	Increased NOD2-mediated recognition of N-glycolyl muramyl dipeptide. <i>Journal of Experimental Medicine</i> , 2009, 206, 1709-1716.	8.5	203
33	Stereoselective Formation of $\hat{\pm}$ -Quaternary Stereocenters in the Mannich Reaction. <i>Organic Letters</i> , 2009, 11, 1725-1728.	4.6	58
34	Stable 5 $\hat{\epsilon}$ -Substituted Cyclopentadienes for the Diels-Alder Cycloaddition and their Application to the Synthesis of Palau'amine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8885-8888.	13.8	58
35	CP-225,917 synthetic studies: unusual hydroboration regioselectivity influenced by remote functional groups. <i>Tetrahedron Letters</i> , 2008, 49, 504-507.	1.4	14
36	Density Functional Theory Guided Design of Exo-Selective Dehydroalanine Dienophiles for Application Toward the Synthesis of Palau'amine. <i>Journal of Organic Chemistry</i> , 2008, 73, 102-110.	3.2	59

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37	Incorporation of histone deacetylase inhibition into the structure of a nuclear receptor agonist. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8250-8255.	7.1	63
38	A Practical Chiral Bicyclic Thioglycolate Lactam Auxiliary for Stereoselective Quaternary Carbon Formation. Organic Letters, 2006, 8, 1359-1362.	4.6	57
39	Receptor-Assisted Combinatorial Chemistry: Thermodynamics and Kinetics in Drug Discovery. Chemistry - A European Journal, 2005, 11, 1708-1716.	3.3	82
40	Two Birds with One Metallic Stone: Single-Pot Catalysis of Fundamentally Different Transformations. Angewandte Chemie - International Edition, 2004, 43, 3754-3760.	13.8	349
41	Pseudodynamic Combinatorial Libraries: A Receptor-Assisted Approach for Drug Discovery. Angewandte Chemie - International Edition, 2004, 43, 2432-2436.	13.8	30
42	Two Birds with One Metallic Stone: Single-Pot Catalysis of Fundamentally Different Transformations. ChemInform, 2004, 35, no.	0.0	0
43	$\hat{I}\pm, \hat{I}\pm$ -Disubstituted Boron Enolates in the Asymmetric Synthesis of Quaternary Carbon Centers. Organic Letters, 2004, 6, 405-407.	4.6	49
44	Amplification of Screening Sensitivity through Selective Destruction: A Theory and Screening of a Library of Carbonic Anhydrase Inhibitors. Journal of the American Chemical Society, 2002, 124, 5692-5701.	13.7	47
45	Stereoselective Formation of Quaternary Carbon Centers: Alkylation of $\hat{I}\pm, \hat{I}\pm$ -Disubstituted Amide Enolates. Angewandte Chemie - International Edition, 2002, 41, 2338-2341.	13.8	60
46	Preparation of active esters on solid support for aqueous-phase peptide couplings. Tetrahedron Letters, 2002, 43, 1369-1372.	1.4	18
47	Stereoselective Generation of E- and Z-Disubstituted Amide Enolates. Reductive Enolate Formation from Bicyclic Thioglycolate Lactams. Journal of the American Chemical Society, 2001, 123, 2091-2092.	13.7	79
48	Application of Lewis Acid Catalyzed Tropone [6+4] Cycloadditions to the Synthesis of the Core of CP-225,917. Organic Letters, 2001, 3, 4189-4192.	4.6	64
49	Diastereoselective Synthesis of 2H,5H-Dihydrofurans by Cobalt-Mediated Cycloisomerization of Allyl Propargyl Ethers. Application to Poly-THF Molecules. Organic Letters, 2001, 3, 4161-4164.	4.6	25
50	Titanium(IV) Triflates in the Catalysis of Homoaldol Reactions. Organic Letters, 1999, 1, 1643-1645.	4.6	31
51	Pseudoephedrine as a Practical Chiral Auxiliary for the Synthesis of Highly Enantiomerically Enriched Carboxylic Acids, Alcohols, Aldehydes, and Ketones. Journal of the American Chemical Society, 1997, 119, 6496-6511.	13.7	557
52	Use of Pseudoephedrine as a Practical Chiral Auxiliary for Asymmetric Synthesis. Journal of the American Chemical Society, 1994, 116, 9361-9362.	13.7	246
53	Do Antarafacial Cycloadditions Occur? Cycloaddition of Heptafulvalene with Tetracyanoethylene.. Chemistry - A European Journal, 0, , .	3.3	1