

# James L Gleason

## List of Publications by Year in descending order

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53  
papers

2,889  
citations

236925

25  
h-index

168389

53  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudoephedrine as a Practical Chiral Auxiliary for the Synthesis of Highly Enantiomerically Enriched Carboxylic Acids, Alcohols, Aldehydes, and Ketones. <i>Journal of the American Chemical Society</i> , 1997, 119, 6496-6511.	13.7	557
2	Two Birds with One Metallic Stone: Single-Pot Catalysis of Fundamentally Different Transformations. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3754-3760.	13.8	349
3	Use of Pseudoephedrine as a Practical Chiral Auxiliary for Asymmetric Synthesis. <i>Journal of the American Chemical Society</i> , 1994, 116, 9361-9362.	13.7	246
4	Increased NOD2-mediated recognition of <i>N</i> -glycolyl muramyl dipeptide. <i>Journal of Experimental Medicine</i> , 2009, 206, 1709-1716.	8.5	203
5	Receptor-Assisted Combinatorial Chemistry: Thermodynamics and Kinetics in Drug Discovery. <i>Chemistry - A European Journal</i> , 2005, 11, 1708-1716.	3.3	82
6	Stereoselective Generation of E- and Z-Disubstituted Amide Enolates. Reductive Enolate Formation from Bicyclic Thioglycolate Lactams. <i>Journal of the American Chemical Society</i> , 2001, 123, 2091-2092.	13.7	79
7	Application of Lewis Acid Catalyzed Tropone [6+4] Cycloadditions to the Synthesis of the Core of CP-225,917. <i>Organic Letters</i> , 2001, 3, 4189-4192.	4.6	64
8	Incorporation of histone deacetylase inhibition into the structure of a nuclear receptor agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8250-8255.	7.1	63
9	Stereoselective Formation of Quaternary Carbon Centers: Alkylation of $\hat{1}\pm, \hat{1}\pm$ -Disubstituted Amide Enolates. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2338-2341.	13.8	60
10	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
11	Stable 5-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
12	Stereoselective Formation of $\hat{1}\pm$ -Quaternary Stereocenters in the Mannich Reaction. <i>Organic Letters</i> , 2009, 11, 1725-1728.	4.6	58
13	A Practical Chiral Bicyclic Thioglycolate Lactam Auxiliary for Stereoselective Quaternary Carbon Formation. <i>Organic Letters</i> , 2006, 8, 1359-1362.	4.6	57
14	Aminoalkylation of [1.1.1]Propellane Enables Direct Access to High-Value 3-Alkylbicyclo[1.1.1]pentan-1-amines. <i>Organic Letters</i> , 2019, 21, 6800-6804.	4.6	56
15	$\hat{1}\pm, \hat{1}\pm$ -Disubstituted Boron Enolates in the Asymmetric Synthesis of Quaternary Carbon Centers. <i>Organic Letters</i> , 2004, 6, 405-407.	4.6	49
16	Amplification of Screening Sensitivity through Selective Destruction: A Theory and Screening of a Library of Carbonic Anhydrase Inhibitors. <i>Journal of the American Chemical Society</i> , 2002, 124, 5692-5701.	13.7	47
17	A Concise Enantioselective Total Synthesis of (â*)-Virostatin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10830-10834.	13.8	42
18	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

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19	A Concise Total Synthesis of (<i>R</i>)-Puraquinonic Acid. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3442-3445.	13.8	38
20	An Organocatalytic Cope Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11557-11561.	13.8	36
21	Vitamin D receptor agonist/histone deacetylase inhibitor molecular hybrids. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4119-4137.	3.0	34
22	Titanium(IV) Triflates in the Catalysis of Homoaldol Reactions. <i>Organic Letters</i> , 1999, 1, 1643-1645.	4.6	31
23	Pseudodynamic Combinatorial Libraries: A Receptor-Assisted Approach for Drug Discovery. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2432-2436.	13.8	30
24	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
25	Diastereoselective Synthesis of 2H,5H-Dihydrofurans by Cobalt-Mediated Cycloisomerization of Allyl Propargyl Ethers. Application to Poly-THF Molecules. <i>Organic Letters</i> , 2001, 3, 4161-4164.	4.6	25
26	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
27	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
28	Hydrazide-Catalyzed Polyene Cyclization: Asymmetric Organocatalytic Synthesis of (<i>cis</i>)-Decalins. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 253-258.	13.8	24
29	Role of SUMOylation in Full Antiestrogenicity. <i>Molecular and Cellular Biology</i> , 2012, 32, 3823-3837.	2.3	23
30	An (<i>ortho</i>)-Aminoanilide Analogue of 1 $\beta$ ,25-Dihydroxyvitamin D <sub>3</sub> Functions as a Strong Vitamin D Receptor Antagonist. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7461-7465.	6.4	22
31	A Spiroalkylation Method for the Stereoselective Construction of $\beta$ -Quaternary Carbons and Its Application to the Total Synthesis of (<i>R</i>)-Puraquinonic Acid. <i>Organic Letters</i> , 2019, 21, 9729-9733.	4.6	21
32	Preparation of active esters on solid support for aqueous-phase peptide couplings. <i>Tetrahedron Letters</i> , 2002, 43, 1369-1372.	1.4	18
33	Homozygous Calcium-Sensing Receptor Polymorphism R544Q Presents as Hypocalcemic Hypoparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2879-2888.	3.6	18
34	CP-225,917 synthetic studies: unusual hydroboration regioselectivity influenced by remote functional groups. <i>Tetrahedron Letters</i> , 2008, 49, 504-507.	1.4	14
35	A robust synthesis of N-glycolyl muramyl dipeptide via azidonitration/reduction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1515-1520.	2.8	14
36	Incorporation of histone deacetylase inhibitory activity into the core of tamoxifen – A new hybrid design paradigm. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4428-4440.	3.0	14

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37	A Concise Enantioselective Total Synthesis of (âˆ“)â€šviroaineâ€š...A. <i>Angewandte Chemie</i> , 2017, 129, 10970-10974.0	4.0	13
38	An Organocatalytic Cope Rearrangement. <i>Angewandte Chemie</i> , 2016, 128, 11729-11733.	2.0	12
39	Organocatalytic Michael Addition of Indoles to Î±â€šSubstituted Enals by Using a Diazepane Carboxylate Catalyst. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2637-2640.	2.4	11
40	A bio-inspired cascade and a late-stage directed sp <sup>3</sup> C H lithiation enables a concise total synthesis of (âˆ“)â€šviroaine A. <i>Tetrahedron</i> , 2018, 74, 759-768.	1.9	11
41	Total Synthesis of (âˆ“)â€š3-Oxoisotaxodione. <i>Organic Letters</i> , 2022, 24, 2305-2309.	4.6	11
42	Efficacy of hybrid vitamin D receptor agonist/histone deacetylase inhibitors in vitamin D-resistant triple-negative 4T1 breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 135-139.	2.5	10
43	Mechanism of an Organocatalytic Cope Rearrangement Involving Iminium Intermediates: Elucidating the Role of Catalyst Ring Size. <i>Journal of the American Chemical Society</i> , 2020, 142, 16877-16886.	13.7	10
44	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
45	Diazepane Carboxylates as Organocatalysts in the Dielsâ€šAlder Reaction of Î±â€šSubstituted Enals. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5412-5416.	2.4	9
46	Direct Intramolecular Catalytic Enantioselective Alkylation of Oxazolidinone Bromoalkanoate Imides. <i>Synlett</i> , 2014, 25, 2802-2805.	1.8	3
47	Hydrazideâ€šCatalyzed Polyene Cyclization: Asymmetric Organocatalytic Synthesis of cis â€šDecalins. <i>Angewandte Chemie</i> , 2020, 132, 259-264.	2.0	3
48	The stabilized iminium catalyzed (<i>E</i>)-polyene cyclization: trapping of non-activated terminating groups enabled by cationâ€šâ€š interactions. <i>Canadian Journal of Chemistry</i> , 2022, 100, 212-216.	1.1	3
49	Dual-function antiandrogen/HDACi hybrids based on enzalutamide and entinostat. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 55, 128441.	2.2	3
50	Molecular mechanisms of bifunctional vitamin D receptor agonist-histone deacetylase inhibitor hybrid molecules in triple-negative breast cancer. <i>Scientific Reports</i> , 2022, 12, 6745.	3.3	1
51	Do Antarafacial Cycloadditions Occur? Cycloaddition of Heptafulvalene with Tetracyanoethylene.. <i>Chemistry - A European Journal</i> , 0, , .	3.3	1
52	Two Birds with One Metallic Stone: Single-Pot Catalysis of Fundamentally Different Transformations. <i>ChemInform</i> , 2004, 35, no.	0.0	0
53	Bifunctional Vitamin D Hybrid Molecules. , 2018, , 647-655.		0