

# Scott A Snyder

## List of Publications by Year in descending order

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112  
papers

9,852  
citations

53794

45  
h-index

36028

97  
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156  
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156  
docs citations

156  
times ranked

9047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Acetonitrile Isotopologues as Vibrational Probes of Electrolytes. <i>Journal of Physical Chemistry B</i> , 2022, 126, 278-291.	2.6	15
2	The synthesis of diverse terpene architectures from phenols. , 2022, 1, 313-321.		7
3	Exchange-Mediated Transport in Battery Electrolytes: Ultrafast or Ultraslow?. <i>Journal of the American Chemical Society</i> , 2022, 144, 8591-8604.	13.7	18
4	Structure of papain-like protease from SARS-CoV-2 and its complexes with non-covalent inhibitors. <i>Nature Communications</i> , 2021, 12, 743.	12.8	297
5	The Development of Reaction Cascades to Synthesize Dimeric Coccinellid Alkaloids. <i>Accounts of Chemical Research</i> , 2021, 54, 1610-1622.	15.6	3
6	Total Synthesis of the Meroterpenoid Manginoidin A as Fueled by a Challenging Pinacol Coupling and Bicycle-forming Etherification. <i>Angewandte Chemie</i> , 2021, 133, 11227-11232.	2.0	4
7	Total Synthesis of the Meroterpenoid Manginoidin A as Fueled by a Challenging Pinacol Coupling and Bicycle-forming Etherification. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11127-11132.	13.8	18
8	Highly Selective Hydrogenation of C=C Bonds Catalyzed by a Rhodium Hydride. <i>Journal of the American Chemical Society</i> , 2021, 143, 9657-9663.	13.7	31
9	Heterologous Catalysis of the Final Steps of Tetracycline Biosynthesis by <i>Saccharomyces cerevisiae</i> . <i>ACS Chemical Biology</i> , 2021, 16, 1425-1434.	3.4	10
10	Concise and Stereoselective Total Syntheses of Annotinolides C, D, and E. <i>Journal of the American Chemical Society</i> , 2021, 143, 11951-11956.	13.7	11
11	Generation of $\alpha$ -Boryl Radicals by H Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22678-22682.	13.8	7
12	Generation of $\alpha$ -Boryl Radicals by H Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie</i> , 2021, 133, 22860-22864.	2.0	1
13	Synthesis of aza-quaternary centers via Pictet-Spengler reactions of ketonitriles. <i>Chemical Science</i> , 2021, 12, 6181-6187.	7.4	19
14	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 2696-2700.	2.0	7
15	Asymmetric pyrone Diels-Alder reactions enabled by dienamine catalysis. <i>Chemical Science</i> , 2020, 11, 2175-2180.	7.4	36
16	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2674-2678.	13.8	15
17	Total syntheses of spiroviolene and spirograterpene A: a structural reassignment with biosynthetic implications. <i>Chemical Science</i> , 2020, 11, 10939-10944.	7.4	14
18	A Concise, Enantiospecific Total Synthesis of Chilocorine C Fueled by a Reductive Cyclization/Mannich Reaction Cascade. <i>Journal of the American Chemical Society</i> , 2020, 142, 12027-12033.	13.7	10

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19	The enantioselective total synthesis of laurendecumallene B. <i>Chemical Science</i> , 2020, 11, 3036-3041.	7.4	9
20	A Concise Total Synthesis of (+)-Waihoensene Guided by Quaternary Center Analysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13521-13525.	13.8	36
21	A Concise Total Synthesis of (+)-Waihoensene Guided by Quaternary Center Analysis. <i>Angewandte Chemie</i> , 2020, 132, 13623-13627.	2.0	7
22	Resveratrol trimer enhances gene delivery to hematopoietic stem cells by reducing antiviral restriction at endosomes. <i>Blood</i> , 2019, 134, 1298-1311.	1.4	27
23	Quaternary-centre-guided synthesis of complex polycyclic terpenes. <i>Nature</i> , 2019, 569, 703-707.	27.8	91
24	Total Synthesis of (+)-Arborisidine. <i>Journal of the American Chemical Society</i> , 2019, 141, 7715-7720.	13.7	45
25	General Synthetic Approach for the <i>Laurencia</i> Family of Natural Products Empowered by a Potentially Biomimetic Ring Expansion. <i>Journal of the American Chemical Society</i> , 2019, 141, 7776-7788.	13.7	22
26	Total synthesis, reactivity, and structural clarification of lindenatriene. <i>Tetrahedron</i> , 2019, 75, 3145-3153.	1.9	11
27	The Total Synthesis of Chalcitrin. <i>Journal of the American Chemical Society</i> , 2019, 141, 4515-4520.	13.7	22
28	Total Synthesis of the Caged Indole Alkaloid Arboridinine Enabled by <i>aza</i> -Prins and Metal-Mediated Cyclizations. <i>Journal of the American Chemical Society</i> , 2018, 140, 919-925.	13.7	53
29	Mannich-type Reactions of Cyclic Nitrones: Effective Methods for the Enantioselective Synthesis of Piperidine-containing Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15162-15166.	13.8	39
30	Mannich-type Reactions of Cyclic Nitrones: Effective Methods for the Enantioselective Synthesis of Piperidine-containing Alkaloids. <i>Angewandte Chemie</i> , 2018, 130, 15382-15386.	2.0	13
31	Synthesis of Enhanced, Isolable Disulfanium Salts and their Application to Thiiranium-Promoted Polyene Cyclizations. <i>Synthesis</i> , 2018, 50, 4351-4358.	2.3	8
32	A 7-Step Formal Asymmetric Total Synthesis of Strictamine via an Asymmetric Propargylation and Metal-Mediated Cyclization. <i>Organic Letters</i> , 2017, 19, 1004-1007.	4.6	55
33	Isolable and Readily Handled Halophosphonium Pre-reagents for Hydro- and Deuteriohalogenation. <i>Journal of the American Chemical Society</i> , 2017, 139, 6329-6337.	13.7	24
34	Essential Reagents for Organic Synthesis. Herausgegeben von Philip L. Fuchs, Andr�� B. Charette, Tomislav Rovis und Jeffrey W. Bode.. <i>Angewandte Chemie</i> , 2017, 129, 8157-8157.	2.0	1
35	Enantiospecific Total Synthesis of the Highly Strained ( $\beta$ )-Presilphiperfolan-8-ol via a Pd-Catalyzed Tandem Cyclization. <i>Journal of the American Chemical Society</i> , 2017, 139, 5007-5010.	13.7	62
36	Alkyldisulfanium Salts: Isolable, Electrophilic Sulfur Reagents Competent for Polyene Cyclizations. <i>Organic Letters</i> , 2017, 19, 2-5.	4.6	24

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37	Total Syntheses of Scaparvins B, C, and D Enabled by a Key C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2017, 139, 18428-18431.	13.7	45
38	Strategies and Tactics for the Synthesis of Complex Alkaloids. <i>Chimia</i> , 2017, 71, 802-809.	0.6	1
39	Pyrone Diels-Alder Routes to Indolines and Hydroindolines: Syntheses of Gracilamine, Mesembrine, and 7-Mesembrenone. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3625-3630.	13.8	64
40	Strategies for the Total Synthesis of Diverse Bromo-Chamigrenes. <i>Organic Letters</i> , 2016, 18, 5018-5021.	4.6	23
41	The Enantioselective Total Synthesis of Exochomine. <i>Angewandte Chemie</i> , 2016, 128, 10457-10462.	2.0	4
42	The Enantioselective Total Synthesis of Exochomine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10301-10306.	13.8	26
43	Pyrone Diels-Alder Routes to Indolines and Hydroindolines: Syntheses of Gracilamine, Mesembrine, and 7-Mesembrenone. <i>Angewandte Chemie</i> , 2016, 128, 3689-3694.	2.0	22
44	Hopeahainol A binds reversibly at the acetylcholinesterase (AChE) peripheral site and inhibits enzyme activity with a novel higher order concentration dependence. <i>Chemico-Biological Interactions</i> , 2016, 259, 78-84.	4.0	5
45	Synthesis and Applications of Hajos-Parrish Ketone Isomers. <i>Angewandte Chemie</i> , 2015, 127, 7953-7957.	2.0	9
46	Studies in selective 6-membered bromoether formation via bromonium and thiiranium-induced cyclizations. <i>Tetrahedron Letters</i> , 2015, 56, 3553-3556.	1.4	5
47	Synthesis and Applications of Hajos-Parrish Ketone Isomers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7842-7846.	13.8	38
48	Asymmetric Alkene Halogenation. <i>Chirality</i> , 2014, 26, 327-327.	2.6	0
49	Harnessing Quinone Methides: Total Synthesis of (±)-Vaticanol...A. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6747-6751.	13.8	47
50	9-Membered Carbocycle Formation: Development of Distinct Friedel-Crafts Cyclizations and Application to a Scalable Total Synthesis of (±)-Caraphenol...A. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3409-3413.	13.8	39
51	Syntheses of Cyclotrimeratrylene Analogues and Their Long Elusive Triketone Congeners. <i>Organic Letters</i> , 2014, 16, 3644-3647.	4.6	13
52	A Strategy for Complex Dimer Formation When Biomimicry Fails: Total Synthesis of Ten Coccinellid Alkaloids. <i>Journal of the American Chemical Society</i> , 2014, 136, 9743-9753.	13.7	31
53	Explorations of Caffeic Acid Derivatives: Total Syntheses of Rufescenolide, Yunnaneic Acids C and D, and Studies toward Yunnaneic Acids A and B. <i>Journal of Organic Chemistry</i> , 2014, 79, 88-105.	3.2	9
54	Design and Strategy in Organic Synthesis. From the Chiron Approach to Catalysis. Herausgegeben von Stephen Hanessian, Simon Giroux und Bradley Merner.. <i>Angewandte Chemie</i> , 2014, 126, 3617-3617.	2.0	0

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55	A Concise Total Synthesis of (+)-Scholarisine A Empowered by a Unique C-H Arylation. <i>Journal of the American Chemical Society</i> , 2013, 135, 12964-12967.	13.7	128
56	Evaluation of HIV-1 inhibition by stereoisomers and analogues of the sesquiterpenoid hydroquinone peyssonol A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2192-2196.	2.2	9
57	An Efficient Approach to the Securinega Alkaloids Empowered by Cooperative N-Heterocyclic Carbene/Lewis Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5789-5794.	13.8	52
58	Explorations into the Potential of Chiral Sulfonium Reagents to Effect Asymmetric Halonium Additions to Isolated Alkenes. <i>Synthesis</i> , 2013, 45, 1886-1898.	2.3	31
59	Mechanistic Investigations of the Cyclocondensation Step of the Knorr Pyrrole Synthesis. <i>Heterocycles</i> , 2012, 84, 265.	0.7	3
60	Concise Synthetic Approaches for the Laurencia Family: Formal Total Syntheses of (±)-Laurefucin and (±)-E- and (±)-Z-Pinnatifidenyne. <i>Journal of the American Chemical Society</i> , 2012, 134, 17714-17721.	13.7	64
61	Total Syntheses of Hopeanol and Hopeahainol A Empowered by a Chiral Brønsted Acid Induced Pinacol Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4080-4084.	13.8	78
62	A General Strategy for the Stereocontrolled Preparation of Diverse 8- and 9-Membered Laurencia-Type Bromoethers. <i>Journal of the American Chemical Society</i> , 2011, 133, 15898-15901.	13.7	81
63	Structural Revision and Total Synthesis of Caraphenol B and C. <i>Organic Letters</i> , 2011, 13, 5524-5527.	4.6	45
64	Regioselective reactions for programmable resveratrol oligomer synthesis. <i>Nature</i> , 2011, 474, 461-466.	27.8	187
65	Synthetic approaches to oligomeric natural products. <i>Natural Product Reports</i> , 2011, 28, 897.	10.3	52
66	Synthetic Studies of Biomimetic Diels-Alder Processes toward the Helicterin Family of Natural Products. <i>Israel Journal of Chemistry</i> , 2011, 51, 378-390.	2.3	5
67	A Concise, Stereocontrolled Total Synthesis of Rippertenol. <i>Journal of the American Chemical Society</i> , 2011, 133, 8850-8853.	13.7	36
68	Making nematodes nervous. <i>Nature Chemistry</i> , 2011, 3, 422-423.	13.6	1
69	Total Syntheses of Heimiol A, Hopeahainol D, and Constrained Analogues. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8629-8633.	13.8	54
70	Total Syntheses of Dalesconol A and B. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5146-5150.	13.8	85
71	Synthetic and Theoretical Investigations of Myrmicarin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9693-9698.	13.8	31
72	A two-step mimic for direct, asymmetric bromonium- and chloronium-induced polyene cyclizations. <i>Tetrahedron</i> , 2010, 66, 4796-4804.	1.9	61

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73	Privileged scaffolds for library design and drug discovery. <i>Current Opinion in Chemical Biology</i> , 2010, 14, 347-361.	6.1	1,228
74	Symmetrizing the unsymmetrical. <i>Nature</i> , 2010, 465, 560-561.	27.8	13
75	Simple Reagents for Direct Halonium-Induced Polyene Cyclizations. <i>Journal of the American Chemical Society</i> , 2010, 132, 14303-14314.	13.7	231
76	The changing landscape of cancer drug discovery: a challenge to the medicinal chemist of tomorrow. <i>Drug Discovery Today</i> , 2009, 14, 1045-1050.	6.4	11
77	Et <sub>2</sub> SBr·...SbCl <sub>5</sub> ·Br: An Effective Reagent for Direct Bromonium-Induced Polyene Cyclizations. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7899-7903.	13.8	144
78	Enantioselective Total Synthesis of (âˆ“)âˆ“)-Napyradiomycin A1 via Asymmetric Chlorination of an Isolated Olefin. <i>Journal of the American Chemical Society</i> , 2009, 131, 5744-5745.	13.7	168
79	Total Synthesis of Diverse Carbogenic Complexity within the Resveratrol Class from a Common Building Block. <i>Journal of the American Chemical Society</i> , 2009, 131, 1753-1765.	13.7	244
80	Explorations into Neolignan Biosynthesis: Concise Total Syntheses of Helicterin B, Helisorin, and Helisterculin A from a Common Intermediate. <i>Journal of the American Chemical Society</i> , 2009, 131, 1745-1752.	13.7	53
81	Total Synthesis of Resveratrol-Based Natural Products: A Chemoselective Solution. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8186-8191.	13.8	162
82	Concise Total Syntheses of Palominol, Dolabellatrienone, $\hat{1}^2$ -Araneosene, and Isoedunol via an Enantioselective Diels-Alder Macrobicyclization. <i>Journal of the American Chemical Society</i> , 2006, 128, 740-742.	13.7	113
83	Regioselective aldol condensations of a cholestanone-derived dialdehyde: new twists on a classic reaction. <i>Tetrahedron Letters</i> , 2006, 47, 2083-2086.	1.4	17
84	From Abyssomicin to Zaragozaic Acid: Chemical Synthesis and Drug Innovation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4714-4714.	13.8	0
85	Chasing Molecules That Were Never There: Misassigned Natural Products and the Role of Chemical Synthesis in Modern Structure Elucidation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1012-1044.	13.8	556
86	Chasing Molecules That Were Never There: Misassigned Natural Products and the Role of Chemical Synthesis in Modern Structure Elucidation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2050-2050.	13.8	14
87	Die Jagd auf MolekÃ¼le, die nie existiert haben: Falsch zugeordnete Naturstoffstrukturen und die Rolle der chemischen Synthese in der modernen StrukturaufklÃ¼rung. <i>Angewandte Chemie</i> , 2005, 117, 1036-1069.	2.0	134
88	The Essence of Total Synthesis. <i>ChemInform</i> , 2005, 36, no.	0.0	0
89	Synthesis of Complex Carbohydrates: Everninomicin. , 2005, , 215-252.		1
90	New Uses for the Burgess Reagent in Chemical Synthesis: Methods for the Facile and Stereoselective Formation of Sulfamidates, Glycosylamines, and Sulfamides. <i>Chemistry - A European Journal</i> , 2004, 10, 5581-5606.	3.3	94

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91	The essence of total synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11929-11936.	7.1	95
92	Studies toward Diazonamide A: Initial Synthetic Forays Directed toward the Originally Proposed Structure. Journal of the American Chemical Society, 2004, 126, 10162-10173.	13.7	94
93	Chemistry and Biology of Diazonamide A: Second Total Synthesis and Biological Investigations. Journal of the American Chemical Society, 2004, 126, 12897-12906.	13.7	160
94	Chemistry and Biology of Diazonamide A: First Total Synthesis and Confirmation of the True Structure. Journal of the American Chemical Society, 2004, 126, 12888-12896.	13.7	182
95	Studies toward Diazonamide A: Development of a Hetero-Pinacol Macrocyclization Cascade for the Construction of the Bis-Macrocyclic Framework of the Originally Proposed Structure. Journal of the American Chemical Society, 2004, 126, 10174-10182.	13.7	64
96	A New Method for the Stereoselective Synthesis of $\hat{1}$ - and $\hat{2}$ -Glycosylamines Using the Burgess Reagent. Journal of the American Chemical Society, 2004, 126, 6234-6235.	13.7	55
97	The Second Total Synthesis of Diazonamide A. Angewandte Chemie, 2003, 115, 1795-1800.	2.0	52
98	Tandem Reactions, Cascade Sequences, and Biomimetic Strategies in Total Synthesis. ChemInform, 2003, 34, no.	0.0	0
99	The Second Total Synthesis of Diazonamide A. Angewandte Chemie - International Edition, 2003, 42, 1753-1758.	13.8	176
100	Tandem reactions, cascade sequences, and biomimetic strategies in total synthesis. Chemical Communications, 2003, , 551-564.	4.1	571
101	Total Synthesis of Diazonamide A. Angewandte Chemie, 2002, 114, 3645-3649.	2.0	47
102	A New Method for the Synthesis of Nonsymmetrical Sulfamides Using Burgess-Type Reagents. Angewandte Chemie, 2002, 114, 4022-4026.	2.0	15
103	A Novel Regio- and Stereoselective Synthesis of Sulfamidates from 1,2-Diols Using Burgess and Related Reagents: A Facile Entry into $\hat{2}$ -Amino Alcohols We thank Professor K. Barry Sharpless for the gracious donation of several of the starting diol substrates. We also thank Drs. D. H. Huang, G. Suizdak, and R. Chadja for NMR spectroscopic, mass spectrometric, and X-ray crystallographic assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology, predoctora. Angewandte Chemie - International Edition, 2002, 41, 834.	13.8	84
104	The Diels-Alder Reaction in Total Synthesis. Angewandte Chemie - International Edition, 2002, 41, 1668-1698.	13.8	1,570
105	Total Synthesis of Diazonamide A. Angewandte Chemie - International Edition, 2002, 41, 3495-3499.	13.8	157
106	A New Method for the Synthesis of Nonsymmetrical Sulfamides Using Burgess-Type Reagents. Angewandte Chemie - International Edition, 2002, 41, 3866-3870.	13.8	43
107	Construction of the Complete Aromatic Core of Diazonamide A by a Novel Hetero Pinacol Macrocyclization Cascade Reaction. Angewandte Chemie - International Edition, 2001, 40, 4705-4709.	13.8	75
108	Strained Heterocyclic Systems. Part 21. <sup>1</sup> the Menschutkin Reaction. Journal of Chemical Research, 2000, 2000, 561-563.	1.3	4

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109	Solution and Solid-Phase Synthesis of Functionalized 3-Arylbenzofurans by a Novel Cyclofragmentation - Release Pathway. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1093-1096.	13.8	88
110	Novel Reactions Initiated by Titanocene Methylidenes: Deoxygenation of Sulfoxides, N-Oxides, and Selenoxides. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2529-2533.	13.8	95
111	Intramolecular Hetero Diels-Alder Routes to $\hat{I}^3$ -Carboline Alkaloids. <i>Tetrahedron</i> , 2000, 56, 5329-5335.	1.9	50
112	A concise route to isocanthin-6-one. <i>Tetrahedron Letters</i> , 1998, 39, 1111-1112.	1.4	21