

Scott A Snyder

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

8,262
citations

42
h-index

90
g-index

156
ext. papers

9,041
ext. citations

11.2
avg, IF

6.32
L-index

#	Paper	IF	Citations
122	The synthesis of diverse terpene architectures from phenols 2022 , 1, 313-321		0
121	The Development of Reaction Cascades to Synthesize Dimeric Coccinellid Alkaloids. <i>Accounts of Chemical Research</i> , 2021 , 54, 1610-1622	24.3	1
120	Total Synthesis of the Meroterpenoid Manginoid A as Fueled by a Challenging Pinacol Coupling and Bicycle-forming Etherification. <i>Angewandte Chemie</i> , 2021 , 133, 11227-11232	3.6	3
119	Total Synthesis of the Meroterpenoid Manginoid A as Fueled by a Challenging Pinacol Coupling and Bicycle-forming Etherification. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11127-11132	16.4	6
118	Highly Selective Hydrogenation of C=C Bonds Catalyzed by a Rhodium Hydride. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9657-9663	16.4	5
117	Heterologous Catalysis of the Final Steps of Tetracycline Biosynthesis by. <i>ACS Chemical Biology</i> , 2021 , 16, 1425-1434	4.9	2
116	Structure of papain-like protease from SARS-CoV-2 and its complexes with non-covalent inhibitors. <i>Nature Communications</i> , 2021 , 12, 743	17.4	121
115	Concise and Stereoselective Total Syntheses of Annotinolides C, D, and E. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11951-11956	16.4	3
114	Generation of β -Boryl Radicals by H Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22678-22682	16.4	1
113	Generation of β -Boryl Radicals by H. Transfer and their Use in Cycloisomerizations. <i>Angewandte Chemie</i> , 2021 , 133, 22860	3.6	
112	Synthesis of aza-quaternary centers Pictet-Spengler reactions of ketonitrone. <i>Chemical Science</i> , 2021 , 12, 6181-6187	9.4	6
111	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	16.4	7
110	The enantioselective total synthesis of laurendecumallene B. <i>Chemical Science</i> , 2020 , 11, 3036-3041	9.4	5
109	A Concise Total Synthesis of (+)-Waihoensene Guided by Quaternary Center Analysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13521-13525	16.4	21
108	A Concise Total Synthesis of (+)-Waihoensene Guided by Quaternary Center Analysis. <i>Angewandte Chemie</i> , 2020 , 132, 13623-13627	3.6	6
107	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie</i> , 2020 , 132, 2696-2700	3.6	4
106	Development and Elucidation of a Pd-Based Cyclization-Oxygenation Sequence for Natural Product Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2674-2678	16.4	8

105	Total syntheses of spiroviolene and spirograterpene A: a structural reassignment with biosynthetic implications. <i>Chemical Science</i> , 2020 , 11, 10939-10944	9.4	10
104	Quaternary-centre-guided synthesis of complex polycyclic terpenes. <i>Nature</i> , 2019 , 569, 703-707	50.4	52
103	Total Synthesis of (+)-Arborisidine. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7715-7720	16.4	29
102	General Synthetic Approach for the Laurencia Family of Natural Products Empowered by a Potentially Biomimetic Ring Expansion. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7776-7788	16.4	15
101	Total synthesis, reactivity, and structural clarification of lindenatriene. <i>Tetrahedron</i> , 2019 , 75, 3145-3153	2.4	1
100	Resveratrol trimer enhances gene delivery to hematopoietic stem cells by reducing antiviral restriction at endosomes. <i>Blood</i> , 2019 , 134, 1298-1311	2.2	16
99	Asymmetric pyrone Diels-Alder reactions enabled by dienamine catalysis. <i>Chemical Science</i> , 2019 , 11, 2175-2180	9.4	25
98	The Total Synthesis of Chalcitrin. <i>Journal of the American Chemical Society</i> , 2019 , 141, 4515-4520	16.4	13
97	Total Synthesis of the Caged Indole Alkaloid Arboridinine Enabled by aza-Prins and Metal-Mediated Cyclizations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 919-925	16.4	37
96	Synthesis of Enhanced, Isolable Disulfanium Salts and their Application to Thiiranium-Promoted Polyene Cyclizations. <i>Synthesis</i> , 2018 , 50, 4351-4358	2.9	3
95	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	16.4	30
94	Mannich-type Reactions of Cyclic Nitrones: Effective Methods for the Enantioselective Synthesis of Piperidine-containing Alkaloids. <i>Angewandte Chemie</i> , 2018 , 130, 15382-15386	3.6	11
93	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	6.2	41
92	Isolable and Readily Handled Halophosphonium Pre-reagents for Hydro- and Deuteriohalogenation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6329-6337	16.4	14
91	Essential Reagents for Organic Synthesis. Herausgegeben von Philip L. Fuchs, André B. Charette, Tomislav Rovis und Jeffrey W. Bode. <i>Angewandte Chemie</i> , 2017 , 129, 8157-8157	3.6	0
90	Enantiospecific Total Synthesis of the Highly Strained (-)-Presilphiperfolan-8-ol via a Pd-Catalyzed Tandem Cyclization. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5007-5010	16.4	37
89	Alkyldisulfanium Salts: Isolable, Electrophilic Sulfur Reagents Competent for Polyene Cyclizations. <i>Organic Letters</i> , 2017 , 19, 2-5	6.2	14
88	Strategies and Tactics for the Synthesis of Complex Alkaloids. <i>Chimia</i> , 2017 , 71, 802-809	1.3	1

87	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	16.4	29
86	The Enantioselective Total Synthesis of Exochomine. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10301-6	16.4	20
85	Pyrene Diels-Alder Routes to Indolines and Hydroindolines: Syntheses of Gracilamine, Mesembrine, and 7-Mesembrenone. <i>Angewandte Chemie</i> , 2016 , 128, 3689-3694	3.6	22
84	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	5	5
83	Pyrene Diels-Alder Routes to Indolines and Hydroindolines: Syntheses of Gracilamine, Mesembrine, and 7-Mesembrenone. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3625-30	16.4	55
82	Strategies for the Total Synthesis of Diverse Bromo-Chamigrenes. <i>Organic Letters</i> , 2016 , 18, 5018-5021	6.2	17
81	The Enantioselective Total Synthesis of Exochomine. <i>Angewandte Chemie</i> , 2016 , 128, 10457-10462	3.6	4
80	Synthesis and Applications of Hajos-Parrish Ketone Isomers. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7842-6	16.4	30
79	Bromodiethylsulfonium Bromopentachloroantimonate 2015 , 1-3		0
78	Pinacol and Semipinacol Rearrangements in Total Synthesis 2015 , 1-34		5
77	Synthesis and Applications of Hajos-Parrish Ketone Isomers. <i>Angewandte Chemie</i> , 2015 , 127, 7953-7957	3.6	9
76	Studies in selective 6-membered bromoether formation via bromonium and thiiranium-induced cyclizations. <i>Tetrahedron Letters</i> , 2015 , 56, 3553-3556	2	4
75	Harnessing quinone methides: total synthesis of (-)-vaticanol A. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6747-51	16.4	39
74	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, 3409-13	16.4	30
73	Syntheses of cyclotrimeratrylene analogues and their long elusive triketone congeners. <i>Organic Letters</i> , 2014 , 16, 3644-7	6.2	12
72	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, 9743-53	16.4	29
71	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	4.2	7
70	9-Membered Carbocycle Formation: Development of Distinct Friedel-Crafts Cyclizations and Application to a Scalable Total Synthesis of (-)-Caraphenol A. <i>Angewandte Chemie</i> , 2014 , 126, 3477-3481	3.6	14

69	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	3.6	
68	Harnessing Quinone Methides: Total Synthesis of (–)-Vaticanol A. <i>Angewandte Chemie</i> , 2014 , 126, 6865-6869	3.6	15
67	A concise total synthesis of (+)-scholarisine A empowered by a unique C-H arylation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12964-7	16.4	116
66	Evaluation of HIV-1 inhibition by stereoisomers and analogues of the sesquiterpenoid hydroquinone peyssonol A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 2192-6	2.9	7
65	Asymmetric Halonium Addition to Olefins 2013 , 147-155		2
64	An efficient approach to the securinega alkaloids empowered by cooperative N-heterocyclic carbene/Lewis acid catalysis. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5789-94	16.4	48
63	Explorations into the Potential of Chiral Sulfonium Reagents to Effect Asymmetric Halonium Additions to Isolated Alkenes. <i>Synthesis</i> , 2013 , 45, 1886-1898	2.9	25
62	Mechanistic Investigations of the Cyclocondensation Step of the Knorr Pyrrole Synthesis. <i>Heterocycles</i> , 2012 , 84, 265	0.8	3
61	Diversity-Oriented Syntheses of Natural Products and Natural Product-Like Compounds 2012 , 1-31		2
60	Strategies for the Controlled Synthesis of Oligomeric Polyphenols 2012 , 311-351		4
59	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, 17714-21	16.4	58
58	Total Syntheses of Hopeanol and Hopeahainol A Empowered by a Chiral Brønsted Acid Induced Pinacol Rearrangement. <i>Angewandte Chemie</i> , 2012 , 124, 4156-4160	3.6	18
57	Total syntheses of hopeanol and hopeahainol A empowered by a chiral Brønsted acid induced pinacol rearrangement. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4080-4	16.4	64
56	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, 15898-901	16.4	73
55	Structural revision and total synthesis of caraphenol B and C. <i>Organic Letters</i> , 2011 , 13, 5524-7	6.2	44
54	Regioselective reactions for programmable resveratrol oligomer synthesis. <i>Nature</i> , 2011 , 474, 461-6	50.4	162
53	Synthetic approaches to oligomeric natural products. <i>Natural Product Reports</i> , 2011 , 28, 897-924	15.1	44
52	Synthetic Studies of Biomimetic Diels-Alder Processes toward the Helicterin Family of Natural Products. <i>Israel Journal of Chemistry</i> , 2011 , 51, 378-390	3.4	4

51	A concise, stereocontrolled total synthesis of rippertenol. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8850-3	16.4	34
50	Natural product synthesis: making nematodes nervous. <i>Nature Chemistry</i> , 2011 , 3, 422-3	17.6	1
49	Synthetic Approaches to the Resveratrol-Based Family of Oligomeric Natural Products 2011 , 695-721		11
48	Total Syntheses of Heimiol A, Hopeahainol D, and Constrained Analogues. <i>Angewandte Chemie</i> , 2011 , 123, 8788-8792	3.6	13
47	Total syntheses of heimiol A, hopeahainol D, and constrained analogues. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8629-33	16.4	49
46	Synthesis of Et ₂ SbBrSbCl ₅ Br and Its Use in Biomimetic Brominative Polyene Cyclizations 2011 , 54-69		4
45	Simple reagents for direct halonium-induced polyene cyclizations. <i>Journal of the American Chemical Society</i> , 2010 , 132, 14303-14	16.4	203
44	Synthetic and Theoretical Investigations of Myrmicarin Biosynthesis. <i>Angewandte Chemie</i> , 2010 , 122, 9887-9892	3.6	3
43	Total syntheses of dalesconol A and B. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5146-50	16.4	79
42	Synthetic and theoretical investigations of myrmicarin biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9693-8	16.4	27
41	A two-step mimic for direct, asymmetric bromonium- and chloronium-induced polyene cyclizations. <i>Tetrahedron</i> , 2010 , 66, 4796-4804	2.4	52
40	Privileged scaffolds for library design and drug discovery. <i>Current Opinion in Chemical Biology</i> , 2010 , 14, 347-61	9.7	1022
39	The changing landscape of cancer drug discovery: a challenge to the medicinal chemist of tomorrow. <i>Drug Discovery Today</i> , 2009 , 14, 1045-50	8.8	8
38	Et ₂ SbBrSbCl ₅ Br: an effective reagent for direct bromonium-induced polyene cyclizations. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 7899-903	16.4	131
37	Enantioselective total synthesis of (-)-napyradiomycin A1 via asymmetric chlorination of an isolated olefin. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5744-5	16.4	145
36	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, 1753-65	16.4	227
35	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, 1745-52	16.4	49
34	Total synthesis of resveratrol-based natural products: a chemoselective solution. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 8186-91	16.4	149

33	From Abyssomicin to Zaragozaic Acid: Chemical Synthesis and Drug Innovation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4714-4714	16.4	
32	Concise total syntheses of palominol, dolabellatrienone, beta-araneosene, and isoedunol via an enantioselective Diels-Alder macrobicyclization. <i>Journal of the American Chemical Society</i> , 2006 , 128, 740-2	16.4	102
31	Regioselective aldol condensations of a cholestanone-derived dialdehyde: new twists on a classic reaction. <i>Tetrahedron Letters</i> , 2006 , 47, 2083-2086	2	16
30	Synthesis of Complex Carbohydrates: Everninomicin 2005 , 215-252		
29	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	16.4	489
28	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	16.4	13
27	Die Jagd auf Moleküle, die nie existiert haben: Falsch zugeordnete Naturstoffstrukturen und die Rolle der chemischen Synthese in der modernen Strukturaufklärung. <i>Angewandte Chemie</i> , 2005 , 117, 1036-1069	3.6	126
26	Die Jagd auf Moleküle, die nie existiert haben: Falsch zugeordnete Naturstoffstrukturen und die Rolle der chemischen Synthese in der modernen Strukturaufklärung. <i>Angewandte Chemie</i> , 2005 , 117, 2086-2086	3.6	5
25	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, 5581-606	4.8	84
24	The essence of total synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11929-36	11.5	88
23	Studies toward diazomamide A: initial synthetic forays directed toward the originally proposed structure. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10162-73	16.4	87
22	Chemistry and biology of diazomamide A: second total synthesis and biological investigations. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12897-906	16.4	142
21	Chemistry and biology of diazomamide A: first total synthesis and confirmation of the true structure. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12888-96	16.4	161
20	Studies toward diazomamide A: development of a hetero-pinacol macrocyclization cascade for the construction of the bis-macrocyclic framework of the originally proposed structure. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10174-82	16.4	52
19	A new method for the stereoselective synthesis of alpha- and beta-glycosylamines using the Burgess reagent. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6234-5	16.4	49
18	The Second Total Synthesis of Diazomamide A. <i>Angewandte Chemie</i> , 2003 , 115, 1795-1800	3.6	47
17	The second total synthesis of diazomamide A. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1753-86.4	16.4	158
16	Tandem reactions, cascade sequences, and biomimetic strategies in total synthesis. <i>Chemical Communications</i> , 2003 , 551-64	5.8	538

15	A Novel Regio- and Stereoselective Synthesis of Sulfamidates from 1,2-Diols Using Burgess and Related Reagents: A Facile Entry into β -Amino Alcohols. <i>Angewandte Chemie</i> , 2002 , 114, 862-866	3.6	8
14	Die Diels-Alder-Reaktion in der Totalsynthese. <i>Angewandte Chemie</i> , 2002 , 114, 1742-1773	3.6	320
13	Total Synthesis of Diazonamide A. <i>Angewandte Chemie</i> , 2002 , 114, 3645-3649	3.6	38
12	A New Method for the Synthesis of Nonsymmetrical Sulfamides Using Burgess-Type Reagents. <i>Angewandte Chemie</i> , 2002 , 114, 4022-4026	3.6	14
11	A novel regio- and stereoselective synthesis of sulfamidates from 1,2-diols using Burgess and related reagents: a facile entry into beta-amino alcohols. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 834-8	16.4	70
10	The Diels-Alder reaction in total synthesis. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1668-9816.4	16.4	1356
9	Total synthesis of diazonamide A. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3495-9	16.4	144
8	A new method for the synthesis of nonsymmetrical sulfamides using burgess-type reagents. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3866-70	16.4	39
7	Construction of the Complete Aromatic Core of Diazonamide A by a Novel Hetero Pinacol Macrocyclization Cascade Reaction. <i>Angewandte Chemie</i> , 2001 , 113, 4841-4845	3.6	23
6	Construction of the Complete Aromatic Core of Diazonamide A by a Novel Hetero Pinacol Macrocyclization Cascade Reaction We thank Drs. D. H. Huang and G. Suizdak for NMR spectroscopic and mass spectrometric assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology, the National Institutes of Health (USA), Strained Heterocyclic Systems. Part 21.1 the Menshutkin Reaction. <i>Journal of Chemical Research</i> , 2000 , 2000, 561-563	16.4	66
5	Ship from the Association pour la. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1705-1709	0.6	2
4	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	16.4	74
3	Novel Reactions Initiated by Titanocene Methylidenes: Deoxygenation of Sulfoxides, N-Oxides, and Selenoxides We thank Drs. D. H. Huang and G. Suizdak for NMR spectroscopic and mass spectroscopic assistance, respectively. Financial support for this work was provided by The Skaggs Institute for Chemical Biology, the National Institutes of Health (USA), fellowships from the National Science Foundation (S.A.S.) and the Alfred Benzons Foundation (K.B.S.) and grants from Abbott, Amgen, Boehringer-Ingelheim, Glax.	16.4	83
2	Intramolecular Hetero DielsAlder Routes to β -Carboline Alkaloids. <i>Tetrahedron</i> , 2000 , 56, 5329-5335	2.4	46
1	A concise route to isocanthin-6-one. <i>Tetrahedron Letters</i> , 1998 , 39, 1111-1112	2	16