Thomas J Maimone

List of Publications by Year
in descending order

60 papers	5,654 citations	147801 31 h-index	123424 61 g-index
69 all docs	69 docs citations	69 times ranked	5583 citing authors

#	Article	IF	Citations
1	Taming Shapeshifting Anions: Total Synthesis of Ocellatusone C. Journal of the American Chemical Society, 2022, 144, 7594-7599.	13.7	8
2	Making light work of lignan synthesis. Nature Chemistry, 2021, 13, 7-9.	13.6	4
3	Chemical investigations into the biosynthesis of the gymnastatin and dankastatin alkaloids. Chemical Science, 2021, 12, 8884-8891.	7.4	6
4	Annulative Methods in the Synthesis of Complex Meroterpene Natural Products. Accounts of Chemical Research, 2021, 54, 583-594.	15.6	7
5	Evolution of a Synthetic Strategy for Complex Polypyrrole Alkaloids: Total Syntheses of Curvulamine and Curindolizine. Journal of the American Chemical Society, 2021, 143, 2970-2983.	13.7	15
6	CYP27A1-dependent anti-melanoma activity of limonoid natural products targets mitochondrial metabolism. Cell Chemical Biology, 2021, 28, 1407-1419.e6.	5.2	11
7	Total Synthesis of Complex Natural Products: More Than a Race for Molecular Summits. Accounts of Chemical Research, 2021, 54, 1815-1816.	15.6	11
8	Chemoproteomics-enabled discovery of covalent RNF114-based degraders that mimic natural product function. Cell Chemical Biology, 2021, 28, 559-566.e15.	5.2	84
9	Dearomative Synthetic Entry into the Altemicidin Alkaloids. Journal of the American Chemical Society, 2021, 143, 7935-7939.	13.7	9
10	Total Synthesis of (+)â€6â€‹i›epi‹/i›â€Ophiobolinâ€…A. Angewandte Chemie - International Edition, 2020, 59, 1532-1536.	13.8	34
11	Total Synthesis of (+)â€6â€epi â€Ophiobolinâ€…A. Angewandte Chemie, 2020, 132, 1548-1552.	2.0	2
12	Total Synthesis of (â^')-Curvulamine. Journal of the American Chemical Society, 2020, 142, 1206-1210.	13.7	15
13	Bardoxolone conjugation enables targeted protein degradation of BRD4. Scientific Reports, 2020, 10, 15543.	3.3	90
14	A Nimbolide-Based Kinase Degrader Preferentially Degrades Oncogenic BCR-ABL. ACS Chemical Biology, 2020, 15, 1788-1794.	3.4	67
15	Manumycin polyketides act as molecular glues between UBR7 and P53. Nature Chemical Biology, 2020, 16, 1189-1198.	8.0	79
16	Fusicoccin Keeps Getting Stickier: Modulation of an Adaptor Protein Interactome with a Molecular Glue Leads to Neurite Outgrowth. Cell Chemical Biology, 2020, 27, 635-637.	5.2	4
17	Syntheses of Complex Terpenes from Simple Polyprenyl Precursors. Accounts of Chemical Research, 2020, 53, 949-961.	15.6	12
18	Programmable meroterpene synthesis. Nature Communications, 2020, 11, 508.	12.8	29

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19	Allylative Approaches to the Synthesis of Complex Guaianolide Sesquiterpenes from Apiaceae and Asteraceae. Journal of the American Chemical Society, 2019, 141, 14904-14915.	13.7	25
20	Development of a Terpene Feedstock-Based Oxidative Synthetic Approach to the Illicium Sesquiterpenes. Journal of the American Chemical Society, 2019, 141, 3083-3099.	13.7	67
21	Harnessing the anti-cancer natural product nimbolide for targeted protein degradation. Nature Chemical Biology, 2019, 15, 747-755.	8.0	271
22	Parthenolide Covalently Targets and Inhibits Focal Adhesion Kinase in Breast Cancer Cells. Cell Chemical Biology, 2019, 26, 1027-1035.e22.	5.2	58
23	Enlightening Terpene Synthesis. CheM, 2019, 5, 1368-1370.	11.7	1
24	Synthetic approaches to the daphnane and tigliane diterpenes from aromatic precursors. Tetrahedron, 2019, 75, 4212-4221.	1.9	13
25	Total synthesis of podophyllotoxin and select analog designs via Câ€“H activation. Tetrahedron, 2019, 75, 3299-3308.	1.9	12
26	The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. Nature, 2019, 575, 688-692.	27.8	1,756
27	A copper-catalyzed double coupling enables a 3-step synthesis of the quassinoid core architecture. Chemical Science, 2019, 10, 768-772.	7.4	4
28	Total synthesis of complex terpenoids employing radical cascade processes. Natural Product Reports, 2018, 35, 174-202.	10.3	132
29	Synthesis and study of the antimalarial cardamom peroxide. Tetrahedron, 2018, 74, 3358-3369.	1.9	7
30	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. ACS Central Science, 2018, 4, 1727-1741.	11.3	32
31	Contemporary Synthetic Strategies toward seco-Prezizaane Sesquiterpenes from Illicium Species. Journal of Organic Chemistry, 2018, 83, 14843-14852.	3.2	25
32	Target Identification of Bioactive Covalently Acting Natural Products. Current Topics in Microbiology and Immunology, 2018, 420, 351-374.	1.1	27
33	Navigating the Chiral Pool in the Total Synthesis of Complex Terpene Natural Products. Chemical Reviews, 2017, 117, 11753-11795.	47.7	228
34	A Double Allylation Strategy for Gramâ€Scale Guaianolide Production: Total Synthesis of (+)â€Mikanokryptin. Angewandte Chemie, 2017, 129, 1646-1650.	2.0	10
35	A Double Allylation Strategy for Gramâ€Scale Guaianolide Production: Total Synthesis of (+)â€Mikanokryptin. Angewandte Chemie - International Edition, 2017, 56, 1624-1628.	13.8	33
36	Traversing Biosynthetic Carbocation Landscapes in the Total Synthesis of Andrastin and Terretonin Meroterpenes. Angewandte Chemie, 2017, 129, 12672-12676.	2.0	15

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37	Traversing Biosynthetic Carbocation Landscapes in the Total Synthesis of Andrastin and Terretonin Meroterpenes. Angewandte Chemie - International Edition, 2017, 56, 12498-12502.	13.8	69
38	Total Syntheses of (â˜)-Majucin and (â˜)-Jiadifenoxolane A, Complex Majucin-Type Illicium Sesquiterpenes. Journal of the American Chemical Society, 2017, 139, 17783-17786.	13.7	45
39	Oxidative Entry into the Illicium Sesquiterpenes: Enantiospecific Synthesis of (+)-Pseudoanisatin. Journal of the American Chemical Society, 2016, 138, 16616-16619.	13.7	67
40	Enantioselective synthesis of an ophiobolin sesterterpene via a programmed radical cascade. Science, 2016, 352, 1078-1082.	12.6	126
41	The Total Synthesis of Hyperforin. Synlett, 2016, 27, 1443-1449.	1.8	22
42	Annulative Methods Enable a Total Synthesis of the Complex Meroterpene Berkeleyone A. Journal of the American Chemical Society, 2016, 138, 14868-14871.	13.7	49
43	Total Synthesis of Hyperforin. Journal of the American Chemical Society, 2015, 137, 10516-10519.	13.7	73
44	Scalable total syntheses of (â˜)-hapalindole U and (+)-ambiguine H. Tetrahedron, 2015, 71, 3652-3665.	1.9	45
45	Short, Enantioselective Total Synthesis of Chatancin. Angewandte Chemie - International Edition, 2015, 54, 1223-1226.	13.8	35
46	Cï£¿H Bond Arylation in the Synthesis of Aryltetralin Lignans: A Short Total Synthesis of Podophyllotoxin. Angewandte Chemie - International Edition, 2014, 53, 3115-3119.	13.8	130
47	Four-Step Synthesis of the Antimalarial Cardamom Peroxide via an Oxygen Stitching Strategy. Journal of the American Chemical Society, 2014, 136, 5287-5290.	13.7	73
48	Investigating the Dearomative Rearrangement of Biaryl Phosphine-Ligated Pd(II) Complexes. Journal of the American Chemical Society, 2012, 134, 19922-19934.	13.7	80
49	Why a Proximity-Induced Dielsâ€“Alder Reaction Is So Fast. Organic Letters, 2012, 14, 3016-3019.	4.6	26
50	Evidence for in Situ Catalyst Modification during the Pd-Catalyzed Conversion of Aryl Triflates to Aryl Fluorides. Journal of the American Chemical Society, 2011, 133, 18106-18109.	13.7	142
51	Accelerating Palladiumâ€Catalyzed Cï£¿F Bond Formation: Use of a Microflow Packedâ€Bed Reactor. Angewandte Chemie - International Edition, 2011, 50, 8900-8903.	13.8	126
52	Pd-Catalyzed O-Arylation of Ethyl Acetohydroximate: Synthesis of O-Arylhydroxylamines and Substituted Benzofurans. Journal of the American Chemical Society, 2010, 132, 9990-9991.	13.7	92
53	Total Synthesis of Vinigrol. Journal of the American Chemical Society, 2009, 131, 17066-17067.	13.7	107
54	A Concise Approach to Vinigrol. Angewandte Chemie - International Edition, 2008, 47, 3054-3056.	13.8	67

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55	Biomimetic Synthesis of Antimalarial Naphthoquinones. Journal of the American Chemical Society, 2007, 129, 1836-1836.	13.7	0
56	Scope and Mechanism of Direct Indole and Pyrrole Couplings Adjacent to Carbonyl Compounds:â€‰ Total Synthesis of Acremoauxin A and Oxazinin 3. Journal of the American Chemical Society, 2007, 129, 12857-12869.	13.7	178
57	A tuxedo for iodine atoms. Nature, 2007, 445, 826-827.	27.8	2
58	Modern synthetic efforts toward biologically active terpenes. Nature Chemical Biology, 2007, 3, 396-407.	8.0	252
59	Total synthesis of marine natural products without using protecting groups. Nature, 2007, 446, 404-408.	27.8	477
60	Biomimetic Synthesis of Antimalarial Naphthoquinones. Journal of the American Chemical Society, 2005, 127, 6276-6283.	13.7	104