

Thomas J Maimone

List of Publications by Year in descending order

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60
papers

5,654
citations

147566

31
h-index

123241

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. <i>Journal of the American Chemical Society</i> , 2022, 144, 7594-7599.	6.6	8
2	Making light work of lignan synthesis. <i>Nature Chemistry</i> , 2021, 13, 7-9.	6.6	4
3	Chemical investigations into the biosynthesis of the gymnastatin and dankastatin alkaloids. <i>Chemical Science</i> , 2021, 12, 8884-8891.	3.7	6
4	Annulative Methods in the Synthesis of Complex Meroterpenes Natural Products. <i>Accounts of Chemical Research</i> , 2021, 54, 583-594.	7.6	7
5	Evolution of a Synthetic Strategy for Complex Polypyrrole Alkaloids: Total Syntheses of Curvulamine and Curindolizine. <i>Journal of the American Chemical Society</i> , 2021, 143, 2970-2983.	6.6	15
6	CYP27A1-dependent anti-melanoma activity of limonoid natural products targets mitochondrial metabolism. <i>Cell Chemical Biology</i> , 2021, 28, 1407-1419.e6.	2.5	11
7	Total Synthesis of Complex Natural Products: More Than a Race for Molecular Summits. <i>Accounts of Chemical Research</i> , 2021, 54, 1815-1816.	7.6	11
8	Chemoproteomics-enabled discovery of covalent RNF114-based degraders that mimic natural product function. <i>Cell Chemical Biology</i> , 2021, 28, 559-566.e15.	2.5	84
9	Dearomative Synthetic Entry into the Altemicidin Alkaloids. <i>Journal of the American Chemical Society</i> , 2021, 143, 7935-7939.	6.6	9
10	Total Synthesis of (+)-epi- <i>Ophiobolin</i> ...A. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1532-1536.	7.2	34
11	Total Synthesis of (+)-epi- <i>Ophiobolin</i> ...A. <i>Angewandte Chemie</i> , 2020, 132, 1548-1552.	1.6	2
12	Total Synthesis of (âˆ™)-Curvulamine. <i>Journal of the American Chemical Society</i> , 2020, 142, 1206-1210.	6.6	15
13	Bardoxolone conjugation enables targeted protein degradation of BRD4. <i>Scientific Reports</i> , 2020, 10, 15543.	1.6	90
14	A Nimbolide-Based Kinase Degradator Preferentially Degrades Oncogenic BCR-ABL. <i>ACS Chemical Biology</i> , 2020, 15, 1788-1794.	1.6	67
15	Manumycin polyketides act as molecular glues between UBR7 and P53. <i>Nature Chemical Biology</i> , 2020, 16, 1189-1198.	3.9	79
16	Fusicoccin Keeps Getting Stickier: Modulation of an Adaptor Protein Interactome with a Molecular Glue Leads to Neurite Outgrowth. <i>Cell Chemical Biology</i> , 2020, 27, 635-637.	2.5	4
17	Syntheses of Complex Terpenes from Simple Polyprenyl Precursors. <i>Accounts of Chemical Research</i> , 2020, 53, 949-961.	7.6	12
18	Programmable meroterpenes synthesis. <i>Nature Communications</i> , 2020, 11, 508.	5.8	29

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19	Allylative Approaches to the Synthesis of Complex Guaianolide Sesquiterpenes from Apiaceae and Asteraceae. <i>Journal of the American Chemical Society</i> , 2019, 141, 14904-14915.	6.6	25
20	Development of a Terpene Feedstock-Based Oxidative Synthetic Approach to the <i>Illicium</i> Sesquiterpenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 3083-3099.	6.6	67
21	Harnessing the anti-cancer natural product nimbolide for targeted protein degradation. <i>Nature Chemical Biology</i> , 2019, 15, 747-755.	3.9	271
22	Parthenolide Covalently Targets and Inhibits Focal Adhesion Kinase in Breast Cancer Cells. <i>Cell Chemical Biology</i> , 2019, 26, 1027-1035.e22.	2.5	58
23	Enlightening Terpene Synthesis. <i>CheM</i> , 2019, 5, 1368-1370.	5.8	1
24	Synthetic approaches to the daphnane and tigliane diterpenes from aromatic precursors. <i>Tetrahedron</i> , 2019, 75, 4212-4221.	1.0	13
25	Total synthesis of podophyllotoxin and select analog designs via C-H activation. <i>Tetrahedron</i> , 2019, 75, 3299-3308.	1.0	12
26	The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. <i>Nature</i> , 2019, 575, 688-692.	13.7	1,756
27	A copper-catalyzed double coupling enables a 3-step synthesis of the quassinoid core architecture. <i>Chemical Science</i> , 2019, 10, 768-772.	3.7	4
28	Total synthesis of complex terpenoids employing radical cascade processes. <i>Natural Product Reports</i> , 2018, 35, 174-202.	5.2	132
29	Synthesis and study of the antimalarial cardamom peroxide. <i>Tetrahedron</i> , 2018, 74, 3358-3369.	1.0	7
30	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	5.3	32
31	Contemporary Synthetic Strategies toward <i>seco</i> -Prezizaane Sesquiterpenes from <i>Illicium</i> Species. <i>Journal of Organic Chemistry</i> , 2018, 83, 14843-14852.	1.7	25
32	Target Identification of Bioactive Covalently Acting Natural Products. <i>Current Topics in Microbiology and Immunology</i> , 2018, 420, 351-374.	0.7	27
33	Navigating the Chiral Pool in the Total Synthesis of Complex Terpene Natural Products. <i>Chemical Reviews</i> , 2017, 117, 11753-11795.	23.0	228
34	A Double Allylation Strategy for Gram-Scale Guaianolide Production: Total Synthesis of (+)-Mikanokryptin. <i>Angewandte Chemie</i> , 2017, 129, 1646-1650.	1.6	10
35	A Double Allylation Strategy for Gram-Scale Guaianolide Production: Total Synthesis of (+)-Mikanokryptin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1624-1628.	7.2	33
36	Traversing Biosynthetic Carbocation Landscapes in the Total Synthesis of Andrastin and Terretinin Meroterpenes. <i>Angewandte Chemie</i> , 2017, 129, 12672-12676.	1.6	15

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37	Traversing Biosynthetic Carbocation Landscapes in the Total Synthesis of Andrastin and Terretinin Meroterpenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12498-12502.	7.2	69
38	Total Syntheses of (âˆ“)Majucin and (âˆ“)Jiadifenoxolane A, Complex Majucin-Type <i>Illicium</i> Sesquiterpenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 17783-17786.	6.6	45
39	Oxidative Entry into the <i>Illicium</i> Sesquiterpenes: Enantiospecific Synthesis of (+)-Pseudoanisatin. <i>Journal of the American Chemical Society</i> , 2016, 138, 16616-16619.	6.6	67
40	Enantioselective synthesis of an ophiobolin sesterterpene via a programmed radical cascade. <i>Science</i> , 2016, 352, 1078-1082.	6.0	126
41	The Total Synthesis of Hyperforin. <i>Synlett</i> , 2016, 27, 1443-1449.	1.0	22
42	Annulative Methods Enable a Total Synthesis of the Complex Meroterpene Berkeleyone A. <i>Journal of the American Chemical Society</i> , 2016, 138, 14868-14871.	6.6	49
43	Total Synthesis of Hyperforin. <i>Journal of the American Chemical Society</i> , 2015, 137, 10516-10519.	6.6	73
44	Scalable total syntheses of (âˆ“)hapalindole U and (+)-ambiguine H. <i>Tetrahedron</i> , 2015, 71, 3652-3665.	1.0	45
45	Short, Enantioselective Total Synthesis of Chatancin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1223-1226.	7.2	35
46	Ci ₂ H Bond Arylation in the Synthesis of Aryltetralin Lignans: A Short Total Synthesis of Podophyllotoxin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3115-3119.	7.2	130
47	Four-Step Synthesis of the Antimalarial Cardamom Peroxide via an Oxygen Stitching Strategy. <i>Journal of the American Chemical Society</i> , 2014, 136, 5287-5290.	6.6	73
48	Investigating the Dearomative Rearrangement of Biaryl Phosphine-Ligated Pd(II) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 19922-19934.	6.6	80
49	Why a Proximity-Induced Dielsâ€“Alder Reaction Is So Fast. <i>Organic Letters</i> , 2012, 14, 3016-3019.	2.4	26
50	Evidence for in Situ Catalyst Modification during the Pd-Catalyzed Conversion of Aryl Triflates to Aryl Fluorides. <i>Journal of the American Chemical Society</i> , 2011, 133, 18106-18109.	6.6	142
51	Accelerating Palladium-Catalyzed Ci ₂ F Bond Formation: Use of a Microflow Packed-Bed Reactor. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8900-8903.	7.2	126
52	Pd-Catalyzed O-Arylation of Ethyl Acetohydroximate: Synthesis of <i>O</i> -Arylhydroxylamines and Substituted Benzofurans. <i>Journal of the American Chemical Society</i> , 2010, 132, 9990-9991.	6.6	92
53	Total Synthesis of Vinigrol. <i>Journal of the American Chemical Society</i> , 2009, 131, 17066-17067.	6.6	107
54	A Concise Approach to Vinigrol. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3054-3056.	7.2	67

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55	Biomimetic Synthesis of Antimalarial Naphthoquinones. Journal of the American Chemical Society, 2007, 129, 1836-1836.	6.6	0
56	Scope and Mechanism of Direct Indole and Pyrrole Couplings Adjacent to Carbonyl Compounds: Total Synthesis of Acremoauxin A and Oxazinin 3. Journal of the American Chemical Society, 2007, 129, 12857-12869.	6.6	178
57	A tuxedo for iodine atoms. Nature, 2007, 445, 826-827.	13.7	2
58	Modern synthetic efforts toward biologically active terpenes. Nature Chemical Biology, 2007, 3, 396-407.	3.9	252
59	Total synthesis of marine natural products without using protecting groups. Nature, 2007, 446, 404-408.	13.7	477
60	Biomimetic Synthesis of Antimalarial Naphthoquinones. Journal of the American Chemical Society, 2005, 127, 6276-6283.	6.6	104