

# Thomas J Maimone

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The CoQ oxidoreductase FSP1 acts parallel to GPX4 to inhibit ferroptosis. <i>Nature</i> , 2019, 575, 688-692.	13.7	1,756
2	Total synthesis of marine natural products without using protecting groups. <i>Nature</i> , 2007, 446, 404-408.	13.7	477
3	Harnessing the anti-cancer natural product nimbolide for targeted protein degradation. <i>Nature Chemical Biology</i> , 2019, 15, 747-755.	3.9	271
4	Modern synthetic efforts toward biologically active terpenes. <i>Nature Chemical Biology</i> , 2007, 3, 396-407.	3.9	252
5	Navigating the Chiral Pool in the Total Synthesis of Complex Terpene Natural Products. <i>Chemical Reviews</i> , 2017, 117, 11753-11795.	23.0	228
6	Scope and Mechanism of Direct Indole and Pyrrole Couplings Adjacent to Carbonyl Compounds: Total Synthesis of Acremoauxin A and Oxazinin 3. <i>Journal of the American Chemical Society</i> , 2007, 129, 12857-12869.	6.6	178
7	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
8	Total synthesis of complex terpenoids employing radical cascade processes. <i>Natural Product Reports</i> , 2018, 35, 174-202.	5.2	132
9	C–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
10	Accelerating Palladium-Catalyzed C–F Bond Formation: Use of a Microflow Packed-Bed Reactor. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8900-8903.	7.2	126
11	Enantioselective synthesis of an ophiobolin sesterterpene via a programmed radical cascade. <i>Science</i> , 2016, 352, 1078-1082.	6.0	126
12	Total Synthesis of Vinigrol. <i>Journal of the American Chemical Society</i> , 2009, 131, 17066-17067.	6.6	107
13	Biomimetic Synthesis of Antimalarial Naphthoquinones. <i>Journal of the American Chemical Society</i> , 2005, 127, 6276-6283.	6.6	104
14	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
15	Bardoxolone conjugation enables targeted protein degradation of BRD4. <i>Scientific Reports</i> , 2020, 10, 15543.	1.6	90
16	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
17	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
18	Manumycin polyketides act as molecular glues between UBR7 and P53. <i>Nature Chemical Biology</i> , 2020, 16, 1189-1198.	3.9	79

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19	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
20	Total Synthesis of Hyperforin. <i>Journal of the American Chemical Society</i> , 2015, 137, 10516-10519.	6.6	73
21	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
22	A Concise Approach to Vinigrol. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3054-3056.	7.2	67
23	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
24	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
25	A Nimbolide-Based Kinase Degradator Preferentially Degrades Oncogenic BCR-ABL. <i>ACS Chemical Biology</i> , 2020, 15, 1788-1794.	1.6	67
26	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
27	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
28	Scalable total syntheses of (âˆ™)-hapalindole U and (+)-ambiguine H. <i>Tetrahedron</i> , 2015, 71, 3652-3665.	1.0	45
29	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
30	Short, Enantioselective Total Synthesis of Chatancin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1223-1226.	7.2	35
31	Total Synthesis of (+)-â€œ <i>epi</i> â€œOphiobolinâ€œ...A. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1532-1536.	7.2	34
32	A Double Allylation Strategy for Gramâ€œScale Guaianolide Production: Total Synthesis of (+)-â€œMikanokryptin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1624-1628.	7.2	33
33	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	5.3	32
34	Programmable meroterpene synthesis. <i>Nature Communications</i> , 2020, 11, 508.	5.8	29
35	Target Identification of Bioactive Covalently Acting Natural Products. <i>Current Topics in Microbiology and Immunology</i> , 2018, 420, 351-374.	0.7	27
36	Why a Proximity-Induced Dielsâ€œAlder Reaction Is So Fast. <i>Organic Letters</i> , 2012, 14, 3016-3019.	2.4	26

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37	Contemporary Synthetic Strategies toward <i>sec</i> -Prezizaane Sesquiterpenes from <i>Illicium</i> Species. <i>Journal of Organic Chemistry</i> , 2018, 83, 14843-14852.	1.7	25
38	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
39	The Total Synthesis of Hyperforin. <i>Synlett</i> , 2016, 27, 1443-1449.	1.0	22
40	Traversing Biosynthetic Carbocation Landscapes in the Total Synthesis of Andrastin and Terretinin Meroterpenes. <i>Angewandte Chemie</i> , 2017, 129, 12672-12676.	1.6	15
41	Total Synthesis of (±)-Curvulamine. <i>Journal of the American Chemical Society</i> , 2020, 142, 1206-1210.	6.6	15
42	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
43	Synthetic approaches to the daphnane and tigliane diterpenes from aromatic precursors. <i>Tetrahedron</i> , 2019, 75, 4212-4221.	1.0	13
44	Total synthesis of podophyllotoxin and select analog designs via C-H activation. <i>Tetrahedron</i> , 2019, 75, 3299-3308.	1.0	12
45	Syntheses of Complex Terpenes from Simple Polyprenyl Precursors. <i>Accounts of Chemical Research</i> , 2020, 53, 949-961.	7.6	12
46	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
47	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
48	A Double Allylation Strategy for Gram-Scale Guaianolide Production: Total Synthesis of (+)-Mikanokryptin. <i>Angewandte Chemie</i> , 2017, 129, 1646-1650.	1.6	10
49	Dearomative Synthetic Entry into the Altemicidin Alkaloids. <i>Journal of the American Chemical Society</i> , 2021, 143, 7935-7939.	6.6	9
50	Taming Shapeshifting Anions: Total Synthesis of Ocellatusone C. <i>Journal of the American Chemical Society</i> , 2022, 144, 7594-7599.	6.6	8
51	Synthesis and study of the antimalarial cardamom peroxide. <i>Tetrahedron</i> , 2018, 74, 3358-3369.	1.0	7
52	Annulative Methods in the Synthesis of Complex Meroterpene Natural Products. <i>Accounts of Chemical Research</i> , 2021, 54, 583-594.	7.6	7
53	Chemical investigations into the biosynthesis of the gymnastatin and dankastatin alkaloids. <i>Chemical Science</i> , 2021, 12, 8884-8891.	3.7	6
54	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

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55	Fusicocin 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
56	Making light work of lignan synthesis. <i>Nature Chemistry</i> , 2021, 13, 7-9.	6.6	4
57	A tuxedo for iodine atoms. <i>Nature</i> , 2007, 445, 826-827.	13.7	2
58	Total Synthesis of (+)- $\epsilon$ -Ophiobolin...A. <i>Angewandte Chemie</i> , 2020, 132, 1548-1552.	1.6	2
59	Enlightening Terpene Synthesis. <i>CheM</i> , 2019, 5, 1368-1370.	5.8	1
60	Biomimetic Synthesis of Antimalarial Naphthoquinones. <i>Journal of the American Chemical Society</i> , 2007, 129, 1836-1836.	6.6	0