

Martin E Maier

List of Publications by Year in descending order

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97
papers

3,594
citations

117625

34
h-index

149698

56
g-index

116
all docs

116
docs citations

116
times ranked

3330
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Medium-Sized Rings by the Ring-Closing Metathesis Reaction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2073-2077.	13.8	484
2	Structural revisions of natural products by total synthesis. <i>Natural Product Reports</i> , 2009, 26, 1105.	10.3	194
3	Design and synthesis of analogues of natural products. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5302-5343.	2.8	132
4	Coordination Chemistry of Gold Catalysts in Solution: A Detailed NMR Study. <i>Chemistry - A European Journal</i> , 2012, 18, 14732-14744.	3.3	106
5	The Mechanism of Gold(I)-Catalyzed Hydroalkoxylation of Alkynes: An Extensive Experimental Study. <i>Chemistry - A European Journal</i> , 2014, 20, 1918-1930.	3.3	96
6	Formation of pentacyclic structures by a domino sequence on cyclic enamides. <i>Chemical Communications</i> , 2009, , 1571.	4.1	88
7	Explanation of Counterion Effects in Gold(I)-Catalyzed Hydroalkoxylation of Alkynes. <i>ACS Catalysis</i> , 2014, 4, 2770-2775.	11.2	87
8	Total Synthesis and Biological Activity of Neopeltolide and Analogues. <i>Chemistry - A European Journal</i> , 2008, 14, 11132-11140.	3.3	77
9	Mechanistic Study of Gold(I)-Catalyzed Hydroamination of Alkynes: Outer or Inner Sphere Mechanism?. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7760-7764.	13.8	76
10	Explanation of "Silver Effects" in Gold(I)-Catalyzed Hydroalkoxylation of Alkynes. <i>ACS Catalysis</i> , 2015, 5, 5994-6004.	11.2	75
11	Formal Total Synthesis of Neopeltolide. <i>Organic Letters</i> , 2008, 10, 1239-1242.	4.6	69
12	Synthesis of enamides from aldehydes and amides. <i>Tetrahedron</i> , 2004, 60, 6665-6677.	1.9	62
13	Total Synthesis of Cruentaren A. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5209-5211.	13.8	60
14	Synthesis of the Core Structure of Apicularen A by Transannular Cyclization. <i>Organic Letters</i> , 2002, 4, 643-646.	4.6	58
15	Enantioselective Total Synthesis of (+)-Neosymbioimine. <i>Organic Letters</i> , 2007, 9, 1461-1464.	4.6	57
16	Total Synthesis of Apicularen A through Transannular Pyran Formation. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5821-5823.	13.8	56
17	A Formal Total Synthesis of the Salicylhalamides. <i>Journal of Organic Chemistry</i> , 2003, 68, 8129-8135.	3.2	55
18	Synthesis of the Core Structure of Cruentaren A. <i>Organic Letters</i> , 2007, 9, 655-658.	4.6	55

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19	Synthesis and Biological Evaluation of Cruentarenê...A Analogues. Chemistry - A European Journal, 2008, 14, 3709-3720.	3.3	53
20	Total Synthesis and Biological Evaluation of (â~)-9-Deoxy-englerin A. Organic Letters, 2011, 13, 2090-2093.	4.6	53
21	Chemoenzymatic Synthesis of the C10â~C23 Segment of Dictyostatin. Organic Letters, 2006, 8, 1025-1028.	4.6	50
22	Total Synthesis of Salicylihalamides A and B. Chemistry - A European Journal, 2004, 10, 5649-5660.	3.3	49
23	Synthesis of the Guaianolide Ring System via Cycloaddition of a Bicyclic Carbonyl Ylide with Allyl Propiolate. Organic Letters, 2010, 12, 3418-3421.	4.6	49
24	Design and Synthesis of Dynemicin Analogs. European Journal of Organic Chemistry, 1999, 1999, 1-13.	2.4	47
25	Design and Synthesis of a Tagâ€Free Chemical Probe for Photoaffinity Labeling. European Journal of Organic Chemistry, 2007, 2007, 4711-4720.	2.4	47
26	Synthesis of <i>gem</i>-â€Diaurated Species from Alkynols. Chemistry - A European Journal, 2013, 19, 3932-3942.	3.3	45
27	Formal Total Synthesis of Platencin. Angewandte Chemie - International Edition, 2009, 48, 3685-3688.	13.8	44
28	Synthesis of the acylphloroglucinols rhodomyrtone and rhodomyrtosone B. Tetrahedron, 2013, 69, 8559-8563.	1.9	43
29	Quantitative Evaluation of the Stability of <i>gem</i>-Diaurated Species in Reactions with Nucleophiles. Organometallics, 2013, 32, 2000-2006.	2.3	43
30	Synthesis of the Core Structure of Salicylihalamide A by Intramolecular Suzuki Reaction. Organic Letters, 2002, 4, 2205-2208.	4.6	41
31	Synthesis of a Pladienolide B Analogue with the Fully Functionalized Core Structure. Organic Letters, 2011, 13, 3940-3943.	4.6	40
32	Efficient Synthesis of the Î³-Amino-Î²-hydroxy Acid Subunit of Hapalosin. Journal of Organic Chemistry, 1999, 64, 4551-4554.	3.2	36
33	Concise route to defined stereoisomers of the hydroxy acid of the chondramides. Tetrahedron, 2008, 64, 6263-6269.	1.9	36
34	A novel strategy towards the atorvastatin lactone. Tetrahedron, 2010, 66, 9738-9744.	1.9	35
35	A Formal Total Synthesis of Dysidiolide. Organic Letters, 2000, 2, 3967-3969.	4.6	34
36	Synthesis of Cyclic Peptidomimetics from Aldol Building Blocks. Journal of Organic Chemistry, 2002, 67, 6260-6263.	3.2	33

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37	Synthesis of nitrogen-containing spirocyclic scaffolds via aminoallylation/RCM sequence. <i>Tetrahedron</i> , 2007, 63, 10486-10496.	1.9	33
38	Synthesis of 1,5-methano-3-benzazocines by intramolecular Buchwald-Hartwig arylation of 2-piperidinones. <i>Tetrahedron</i> , 2008, 64, 356-363.	1.9	30
39	Total Synthesis of (±)-Symbioimine. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4767-4771.	13.8	29
40	Total Synthesis and Configurational Assignment of Chondramide A. <i>Chemistry - A European Journal</i> , 2010, 16, 4328-4336.	3.3	29
41	Rhodomyrton (Rom) is a membrane-active compound. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1114-1124.	2.6	29
42	Inhibition by Cellular Vacuolar ATPase Impairs Human Papillomavirus Uncoating and Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 2905-2911.	3.2	28
43	Formation of Spirocyclic Compounds from Heck Cyclizations Invoking Cyclic Enamides. <i>Journal of Organic Chemistry</i> , 2008, 73, 5410-5415.	3.2	27
44	An Approach to the Core Structure of Leiodermatolide. <i>Organic Letters</i> , 2011, 13, 2334-2337.	4.6	27
45	Synthesis of the β -Amino- γ -hydroxy Acid of Hapalosin via an Asymmetric Dihydroxylation Route. <i>Tetrahedron</i> , 2000, 56, 557-561.	1.9	26
46	Synthesis of Jasplakinolide Analogues Containing a Novel β -Amino Acid. <i>Chemistry - A European Journal</i> , 2005, 11, 6687-6700.	3.3	25
47	Palladium-catalyzed cross-coupling reactions of arylmetal compounds with β -substituted α -iodoenones and a cyclohexyl triflate. <i>Tetrahedron</i> , 1996, 52, 9485-9498.	1.9	21
48	Total Synthesis of Hapalosin and Two Ring Expanded Analogs. <i>Tetrahedron</i> , 2000, 56, 8461-8471.	1.9	21
49	Syntheses of hapalosin analogs by solid-phase assembly of acyclic precursors. <i>Tetrahedron</i> , 2001, 57, 8999-9010.	1.9	21
50	Synthesis of a Benzolactone Collection using Click Chemistry. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 78-87.	2.4	21
51	Synthesis of Benzomorphan Analogues by Intramolecular Buchwald-Hartwig Cyclization. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 317-324.	2.4	21
52	Synthesis of the cyclohexyl fragment of FK-506 by intramolecular ene-reaction. <i>Tetrahedron Letters</i> , 1990, 31, 3007-3010.	1.4	20
53	Concise Strategy to the Core Structure of the Macrolide Queenslandon. <i>Organic Letters</i> , 2006, 8, 5833-5836.	4.6	20
54	Discovery of a potent and selective inhibitor for human carbonyl reductase 1 from propionate scanning applied to the macrolide zearalenone. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 530-536.	3.0	20

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55	Synthesis of Chondramide A Analogues with Modified β -Tyrosine and Their Biological Evaluation. Chemistry - A European Journal, 2011, 17, 13349-13357.	3.3	20
56	Use of epoxidation and epoxide opening reactions for the synthesis of highly functionalized 1-oxaspiro[4.5]decan-2-ones and related compounds. Tetrahedron, 2003, 59, 7949-7960.	1.9	19
57	Biaryl Formation from 5-(2-Bromobenzyl)-Substituted Piperidin-2-ones via Palladacycles. Organic Letters, 2008, 10, 2361-2364.	4.6	19
58	Synthetic Chondramide A Analogues Stabilize Filamentous Actin and Block Invasion by <i>Toxoplasma gondii</i> . Journal of Natural Products, 2013, 76, 1565-1572.	3.0	18
59	Synthesis of the alkaloid tyroscherin by an aldol/Curtius strategy. Tetrahedron, 2010, 66, 2633-2641.	1.9	17
60	Gold(I), Palladium(II), Platinum(II), and Mercury(II)-Catalysed Spirocyclization of 1,3-Diynes: Reaction Scope. European Journal of Organic Chemistry, 2014, 2014, 3411-3422.	2.4	17
61	A Radical-Based Synthesis of Lingzhiol. Journal of Organic Chemistry, 2017, 82, 9844-9850.	3.2	17
62	Synthesis and Conformational Analysis of Geodiamolide Analogues. European Journal of Organic Chemistry, 2007, 2007, 2779-2790.	2.4	16
63	Tricyclic isoindolines by Heck cyclization. Tetrahedron, 2012, 68, 1745-1749.	1.9	16
64	Alternative routes to the acylphloroglucinol rhodomlyrtone. Tetrahedron, 2015, 71, 9662-9666.	1.9	16
65	Cross-coupling approach towards dynemicin analogs without the nitrogen. Tetrahedron, 1997, 53, 9159-9168.	1.9	15
66	Synthesis of the Salicylilalamide Core Structure from Epichlorohydrin- Laying the Foundation to Macrolactone Collections. European Journal of Organic Chemistry, 2005, 2005, 728-739.	2.4	15
67	A Formal Total Synthesis of Salvadione. European Journal of Organic Chemistry, 2006, 2006, 4034-4043.	2.4	15
68	Synthesis of the proposed structure of queenslandon. Tetrahedron, 2010, 66, 94-101.	1.9	15
69	Approach to the Core Structure of the Polycyclic Alkaloid Palhinine A. Synlett, 2013, 24, 955-958.	1.8	15
70	Total Synthesis of Biselyngbyolide B and Its C21-C22 <i>Z</i> -Isomer. Journal of Organic Chemistry, 2018, 83, 4554-4567.	3.2	15
71	Synthesis and Biological Evaluation of Apicularen A Analogues. European Journal of Organic Chemistry, 2005, 2005, 1865-1875.	2.4	14
72	Unsymmetrical Biaryls by Palladium-Catalyzed Coupling of Aryl Halides with Internal Reduction. European Journal of Organic Chemistry, 2008, 2008, 5543-5552.	2.4	13

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73	Formal Total Synthesis of Palmerolide A. <i>Synthesis</i> , 2009, 2009, 2881-2892.	2.3	13
74	Probing the Influence of an Allylic Methyl Group in Zearalenone Analogues on Binding to Hsp90. <i>Chemistry - A European Journal</i> , 2010, 16, 14469-14478.	3.3	13
75	Total Synthesis of Lingzhiol and its Analogues through the Wittig Reaction of an Oxocyclopentane Carboxylate. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 108-117.	2.7	13
76	Propionate Analogues of Zearalenone Bind to Hsp90. <i>ChemBioChem</i> , 2009, 10, 2203-2212.	2.6	11
77	Synthesis of Pladienolide B and Its 7â€¢Epimer with Insights into the Role of the Allylic Acetate. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1025-1036.	2.4	11
78	Toward Leiodermatolide: Synthesis of the Core Structure. <i>Organic Letters</i> , 2016, 18, 3146-3149.	4.6	11
79	Intramolecular Dielsâ€¢Alder Reactions of Tethered Enoate Substituted Furans Induced by Dialkylaluminum Chloride. <i>Journal of Organic Chemistry</i> , 2017, 82, 12798-12805.	3.2	8
80	Approach to the Core Structure of 15-epi-Exiguolide. <i>Synthesis</i> , 2018, 50, 3131-3145.	2.3	8
81	Total Synthesis of the Natural Herbicide MBHâ€¢001 and Analogues. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2271-2290.	2.4	7
82	Synthesis of Atorvastatin Lactone Linker Constructs for Target Fishing. <i>European Journal of Organic Chemistry</i> , 2012, 2012, n/a-n/a.	2.4	6
83	Synthesis of the C1-C13 Fragment of Biselyngbyaside. <i>Synlett</i> , 2011, 2011, 3002-3004.	1.8	5
84	Synthesis of a Leiodermatolide Analogue with a Dienyl Side Chain. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4246-4255.	2.4	5
85	Synthesis of a C1â€¢C12 Fragment of Gulmirecin B. <i>Synlett</i> , 2019, 30, 1346-1350.	1.8	5
86	Câ€¢H-Activation approach towards the core structure of the alkaloid Î³-lycorane. <i>Tetrahedron</i> , 2016, 72, 6499-6509.	1.9	4
87	Benzoazabicyclo[4.3.1] derivatives by intramolecular Michael addition of piperidinone enolates to enoates. <i>Tetrahedron Letters</i> , 2008, 49, 3279-3282.	1.4	3
88	Synthesis of allyl alcohol as a method to valorise glycerol from the biodiesel production. <i>RSC Advances</i> , 2019, 9, 15314-15317.	3.6	3
89	Formal Total Synthesis of Salvinatorin A. <i>ChemistryOpen</i> , 2022, , e202200015.	1.9	3
90	Total Synthesis of the Plant Growth Promoter Auxofuran Featuring a Gold(I) Catalyzed Furan Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 8203-8208.	3.2	2

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91	Synthesis of the Core Structure of Palhinine A. European Journal of Organic Chemistry, 2021, 2021, 2549-2556.	2.4	2
92	A Practical Synthesis of the Cyclohexyl Part of the Immunosuppressant FK506. Journal für Praktische Chemie, Chemiker-Zeitung, 1998, 340, 656-661.	0.5	1
93	Approach to the Core Structure of Schweinfurthin B. ChemistrySelect, 2020, 5, 14747-14752.	1.5	1
94	Approach to the Core Structure of Streptosetin A. ChemistrySelect, 2020, 5, 7315-7319.	1.5	1
95	PVC plasticizer from trimethylolpropane trioleate: synthesis, properties, and application. Polimeros, 2021, 31, .	0.7	1
96	Synthesis of Enamides from Aldehydes and Amides.. ChemInform, 2004, 35, no.	0.0	0
97	Construction of anti-Me-OH Vicinal Relationships in Polyketides. , 2013, , 131-137.		0