

# Andrew M Harned

## List of Publications by Year in descending order

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39  
papers

2,083  
citations

236925

25  
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315739

38  
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docs citations

56  
times ranked

1666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deracemization of Quaternary Stereocenters by Pd-Catalyzed Enantioconvergent Decarboxylative Allylation of Racemic $\beta^2$ -Ketoesters. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6924-6927.	13.8	351
2	Enantioselective Decarboxylative Alkylation Reactions: Catalyst Development, Substrate Scope, and Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 14199-14223.	3.3	180
3	The sorbicillinoid family of natural products: Isolation, biosynthesis, and synthetic studies. <i>Natural Product Reports</i> , 2011, 28, 1790.	10.3	152
4	Asymmetric transformations of achiral 2,5-cyclohexadienones. <i>Tetrahedron</i> , 2014, 70, 9571-9585.	1.9	102
5	Chiral aryl iodide catalysts for the enantioselective synthesis of para-quinols. <i>Chemical Communications</i> , 2013, 49, 3001.	4.1	97
6	Asymmetric oxidative dearomatizations promoted by hypervalent iodine(III) reagents: an opportunity for rational catalyst design?. <i>Tetrahedron Letters</i> , 2014, 55, 4681-4689.	1.4	96
7	Multipolymer Solution-Phase Reactions: Application to the Mitsunobu Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 52-53.	13.7	88
8	Palladium-Catalyzed Reactions of Cyclohexadienones: Regioselective Cyclizations Triggered by Alkyne Acetoxylation. <i>Organic Letters</i> , 2009, 11, 3998-4000.	4.6	76
9	Regioselective and stereoselective cyclizations of cyclohexadienones tethered to active methylene groups. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7849.	2.8	62
10	Bicyclic Cyclohexenones as Inhibitors of NF- $\kappa$ B Signaling. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 459-464.	2.8	54
11	Ring Contraction Strategy for the Practical, Scalable, Catalytic Asymmetric Synthesis of Versatile $\beta^2$ -Quaternary Acylcyclopentenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2756-2760.	13.8	50
12	Ligand and substrate effects during Pd-catalyzed cyclizations of alkyne-tethered cyclohexadienones. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5596.	2.8	48
13	Iodine(III)-promoted synthesis of oxazolines from N-allylamides. <i>Tetrahedron Letters</i> , 2013, 54, 2960-2963.	1.4	46
14	A dual metathesis route to oligomeric sulfonamides. <i>Tetrahedron Letters</i> , 2002, 43, 917-921.	1.4	43
15	From determination of enantiopurity to the construction of complex molecules: The Horeau principle and its application in synthesis. <i>Tetrahedron</i> , 2018, 74, 3797-3841.	1.9	42
16	High-load, soluble oligomeric benzenesulfonyl azide: application to facile diazo-transfer reactions. <i>Tetrahedron</i> , 2005, 61, 12093-12099.	1.9	40
17	Ring-Opening Metathesis Phase-Trafficking (ROMpt) Synthesis: Multistep Synthesis on Soluble ROM Supports. <i>Organic Letters</i> , 2003, 5, 15-18.	4.6	39
18	Palladium-Catalyzed Enantioselective Decarboxylative Allylic Alkylation of Cyclopentanones. <i>Organic Letters</i> , 2015, 17, 5160-5163.	4.6	39

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19	Oxidation of Borneol to Camphor Using Oxone and Catalytic Sodium Chloride: A Green Experiment for the Undergraduate Organic Chemistry Laboratory. <i>Journal of Chemical Education</i> , 2011, 88, 652-656.	2.3	34
20	A Concise Synthetic Approach to the Sorbicillactones: Total Synthesis of Sorbicillactone A and 9-epi-Sorbicillactone A. <i>Organic Letters</i> , 2011, 13, 4486-4489.	4.6	33
21	Scavenger ROMP Filter: A Facile Strategy for Soluble Scavenging via Norbornenyl Tagging of Electrophilic Reagents. <i>Organic Letters</i> , 2002, 4, 1847-1849.	4.6	32
22	Palladium-catalyzed asymmetric alkylation in the synthesis of cyclopentanoid and cycloheptanoid core structures bearing all-carbon quaternary stereocenters. <i>Tetrahedron</i> , 2011, 67, 10234-10248.	1.9	32
23	Synthesis of enantioenriched $\hat{I}^3$ -quaternary cycloheptenones using a combined allylic alkylation/Stork-Danheiser approach: preparation of mono-, bi-, and tricyclic systems. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 56-59.	2.8	29
24	Capture-ROMP Release: Application for the Synthesis of O-Alkylhydroxylamines. <i>Organic Letters</i> , 2002, 4, 1007-1010.	4.6	28
25	Concerning the mechanism of iodine-mediated oxidative dearomatization of phenols. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2324-2329.	2.8	27
26	A Concise Synthetic Route to the Stereotetrad Core of the Briarane Diterpenoids. <i>Organic Letters</i> , 2015, 17, 2218-2221.	4.6	20
27	Experimental evidence for the formation of cationic intermediates during iodine-mediated oxidative dearomatization of phenols. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8249-8252.	2.8	19
28	Origin of Stereoselectivity of the Alkylation of Cyclohexadienone-Derived Bicyclic Malonates. <i>Journal of Organic Chemistry</i> , 2013, 78, 7554-7564.	3.2	17
29	New Strategy To Access Enantioenriched Cyclohexadienones: Kinetic Resolution of <i>para</i> -Quinols by Organocatalytic Thiol-Michael Addition Reactions. <i>ACS Omega</i> , 2018, 3, 15492-15500.	3.5	12
30	Spectral Database for Instructors: A Living, Online NMR FID Database. <i>Journal of Chemical Education</i> , 2013, 90, 941-943.	2.3	8
31	Torsional steering as friend and foe: development of a synthetic route to the briarane diterpenoid stereotetrad. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1876-1888.	2.8	8
32	Rapid, enantioselective synthesis of the C1-C13 fragment of biselyngbyolide B. <i>Chemical Communications</i> , 2018, 54, 241-243.	4.1	8
33	Development of a catalytic enantioselective synthesis of the guanacastepene and heptemerone tricyclic core. <i>Tetrahedron</i> , 2019, 75, 3166-3177.	1.9	7
34	Synthetic explorations of the briarane jungle: progress in developing a synthetic route to a common family of diterpenoid natural products. <i>Royal Society Open Science</i> , 2018, 5, 172280.	2.4	5
35	$\hat{I}^{\pm}$ -Alkylation of a norbornene-derived tricyclic ketone: are steric factors really in control?. <i>Chemical Communications</i> , 2015, 51, 2076-2079.	4.1	3
36	Stereoselective synthesis of the C14-C23 fragment of biselyngbyolide A and B enabled by transition metal catalysis. <i>Tetrahedron</i> , 2018, 74, 7277-7281.	1.9	1

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37	Multipolymer Solution-Phase Reactions: Application to the Mitsunobu Reaction.. ChemInform, 2005, 36, no.	0.0	0
38	Total Synthesis of Sorbicillactone A. Strategies and Tactics in Organic Synthesis, 2015, 11, 253-308.	0.1	0
39	Other Nonnitrogenous Organocatalysts. , 2017, , 185-240.		0