

Anita E Mattson

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Thiazolium-Catalyzed Sila-Stetter Reaction: Conjugate Addition of Acylsilanes to Unsaturated Esters and Ketones. <i>Journal of the American Chemical Society</i> , 2004, 126, 2314-2315.	13.7	206
2	Design Strategies for Enhanced Hydrogen-Bond Donor Catalysts. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2633-2646.	2.4	165
3	Chiral Silanediols in Anion-Binding Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11321-11324.	13.8	151
4	Direct Nucleophilic Acylation of Nitroalkenes Promoted by a Fluoride Anion/Thiourea Combination. <i>Journal of the American Chemical Society</i> , 2006, 128, 4932-4933.	13.7	146
5	Silane-diol-Catalyzed Carbon Dioxide Fixation. <i>ChemSusChem</i> , 2014, 7, 3275-3278.	6.8	140
6	Thiazolium-Catalyzed Additions of Acylsilanes: A General Strategy for Acyl Anion Addition Reactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 5715-5724.	3.2	138
7	Catalytic Additions of Acylsilanes to Imines: An Acyl Anion Strategy for the Direct Synthesis of α -Amino Ketones. <i>Organic Letters</i> , 2004, 6, 4363-4366.	4.6	96
8	Nucleophilic Acylation of α -Quinone Methides: An Umpolung Strategy for the Synthesis of α -Aryl Ketones and Benzofurans. <i>Journal of the American Chemical Society</i> , 2007, 129, 4508-4509.	13.7	91
9	Silane-diol: A New Class of Hydrogen Bond Donor Catalysts. <i>Organic Letters</i> , 2011, 13, 5228-5231.	4.6	91
10	A General Method for Imine Formation Using $B(OCH_2CF_3)_3$. <i>Organic Letters</i> , 2015, 17, 2442-2445.	4.6	76
11	Boronate Urea Activation of Nitrocyclopropane Carboxylates. <i>Organic Letters</i> , 2012, 14, 444-447.	4.6	75
12	Internal Lewis Acid Assisted Hydrogen Bond Donor Catalysis. <i>Organic Letters</i> , 2011, 13, 716-719.	4.6	63
13	Preparation and Catalytic Activity of BINOL-Derived Silane-diol. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 525-533.	2.4	62
14	Silane-diol-Catalyzed Chromenone Functionalization. <i>Organic Letters</i> , 2016, 18, 3766-3769.	4.6	62
15	Urea-catalyzed construction of oxazinanes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5793.	2.8	56
16	Urea Activation of α -Nitrodiazoesters: An Organocatalytic Approach to N -H Insertion Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 8798-8801.	13.7	52
17	Enantioselective α -H Insertion Reactions of α -Carbonyl Sulfoxonium Ylides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15554-15559.	13.8	51
18	Anion-binding catalyst designs for enantioselective synthesis. <i>Tetrahedron Letters</i> , 2017, 58, 2623-2628.	1.4	42

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19	Transition Metal and Hydrogen Bond Donor Hybrids: Catalysts for the Activation of Alkylidene Malonates. <i>Chemistry - A European Journal</i> , 2012, 18, 8310-8314.	3.3	33
20	Arylation of Diazoesters by a Transient Ni ξ H Insertion Organocascade. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11317-11320.	13.8	33
21	A Highly Convergent Approach toward ($\hat{\alpha}$)-Brevenal. <i>Organic Letters</i> , 2010, 12, 2614-2617.	4.6	31
22	Urea $\hat{\alpha}$ -Induced Acid Amplification: A New Approach for Metal $\hat{\alpha}$ -Free Insertion Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 8283-8287.	3.3	24
23	Urea-Catalyzed N $\hat{\alpha}$ H Insertion $\hat{\alpha}$ -Arylation Reactions of Nitrodiazoesters. <i>Journal of Organic Chemistry</i> , 2014, 79, 4832-4842.	3.2	24
24	Enantioselective Indole Insertion Reactions of $\hat{\alpha}$ -Carbonyl Sulfoxonium Ylides. <i>Organic Letters</i> , 2021, 23, 9446-9450.	4.6	24
25	Synthesis of $\hat{\alpha}$ -Peroxyesters via Organocatalyzed O $\hat{\alpha}$ H Insertion of Hydroperoxides and Aryl Diazoesters. <i>Organic Letters</i> , 2014, 16, 5316-5319.	4.6	23
26	Divergent Roles of Urea and Phosphoric Acid Derived Catalysts in Reactions of Diazo Compounds. <i>Synthesis</i> , 2016, 48, 677-686.	2.3	21
27	Copper Bis(oxazoline) $\hat{\alpha}$ -Catalyzed Enantioselective Alkynylation of Benzopyrylium Ions. <i>Chemistry - A European Journal</i> , 2020, 26, 1742-1747.	3.3	19
28	Rhodium $\hat{\alpha}$ -Catalyzed Asymmetric Allenylation of Sulfonylimines and Application to the Stereospecific Allylic Allenylation. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3062-3068.	4.3	18
29	Silanediol Anion Binding and Enantioselective Catalysis. <i>Synthesis</i> , 2019, 51, 2107-2115.	2.3	18
30	Robust, Enantioselective Construction of Challenging, Biologically Relevant Tertiary Ether Stereocenters. <i>ACS Catalysis</i> , 2021, 11, 6325-6333.	11.2	17
31	Carbon $\hat{\alpha}$ -Silicon Bond Formation in the Synthesis of Benzylic Silanes. <i>Organic Letters</i> , 2016, 18, 2883-2885.	4.6	16
32	Stereoselective Ni ξ H Insertion $\hat{\alpha}$ -Arylation Reactions of Nitrodiazoesters. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 425-428.	2.7	14
33	Nitrimines as Reagents for Metal $\hat{\alpha}$ -Free Formal C(sp ²) $\hat{\alpha}$ C(sp ²) Cross $\hat{\alpha}$ -Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14538-14541.	13.8	11
34	Internal Lewis Acid Assisted Benzoic Acid Catalysis. <i>Synthesis</i> , 2012, 44, 2173-2180.	2.3	10
35	Enantioselective Catalyst Systems from Copper(II) Triflate and BINOL $\hat{\alpha}$ -Silanediol. <i>Chemistry - A European Journal</i> , 2018, 24, 7123-7127.	3.3	10
36	Triisopropyl borate mediated N -sulfinyl imine formation. <i>Tetrahedron Letters</i> , 2016, 57, 1903-1905.	1.4	8

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37	Synthesis and Anticancer Activity of Structure Simplified Naturally Inspired Dimeric Chromenone Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6917-6929.	2.4	8
38	Urea Activation of Nitrimines: A Mild, Metal-Free Approach to Sterically Hindered Enamines. <i>Organic Letters</i> , 2013, 15, 5000-5003.	4.6	7
39	Tricks for noncovalent catalysis. <i>Science</i> , 2017, 358, 720-720.	12.6	7
40	Thieme Chemistry Journal Awardees- Where are They Now? Intermolecular Cross-Acyloin Reactions by Fluoride-Promoted Additions of O-Silyl Thiazolium Carbinols. <i>Synlett</i> , 2009, 2009, 377-383.	1.8	5
41	Enantioselective S ^α H Insertion Reactions of Carbonyl Sulfoxonium Ylides. <i>Angewandte Chemie</i> , 2020, 132, 15684-15689.	2.0	4
42	Enantioselective Dearomative Alkynylation of Chromanones: Opportunities and Obstacles. <i>Synthesis</i> , 2022, 54, 4210-4219.	2.3	1
43	PROFILE: Early Excellence in <i>Physical Organic Chemistry</i> . <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 245-245.	1.9	0