

Francisco Dean Toste

List of Publications by Year in descending order

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354
papers

48,829
citations

385

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1934

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523
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523
docs citations

523
times ranked

24032
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand Effects in Homogeneous Au Catalysis. <i>Chemical Reviews</i> , 2008, 108, 3351-3378.	47.7	1,966
2	Relativistic effects in homogeneous gold catalysis. <i>Nature</i> , 2007, 446, 395-403.	27.8	1,709
3	Advances in Catalytic Enantioselective Fluorination, Mono-, Di-, and Trifluoromethylation, and Trifluoromethylthiolation Reactions. <i>Chemical Reviews</i> , 2015, 115, 826-870.	47.7	1,179
4	Supramolecular Catalysis in Metal-Ligand Cluster Hosts. <i>Chemical Reviews</i> , 2015, 115, 3012-3035.	47.7	1,021
5	A Powerful Chiral Counterion Strategy for Asymmetric Transition Metal Catalysis. <i>Science</i> , 2007, 317, 496-499.	12.6	838
6	Non-Metathesis Ruthenium-Catalyzed C-C Bond Formation. <i>Chemical Reviews</i> , 2001, 101, 2067-2096.	47.7	756
7	The progression of chiral anions from concepts to applications in asymmetric catalysis. <i>Nature Chemistry</i> , 2012, 4, 603-614.	13.6	703
8	Exploiting non-covalent π interactions for catalyst design. <i>Nature</i> , 2017, 543, 637-646.	27.8	583
9	Gold(I)-Catalyzed Stereoselective Olefin Cyclopropanation. <i>Journal of the American Chemical Society</i> , 2005, 127, 18002-18003.	13.7	507
10	Gold(I)-Catalyzed Intramolecular Acetylenic Schmidt Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 11260-11261.	13.7	497
11	Modern Approaches for Asymmetric Construction of Carbon-Fluorine Quaternary Stereogenic Centers: Synthetic Challenges and Pharmaceutical Needs. <i>Chemical Reviews</i> , 2018, 118, 3887-3964.	47.7	476
12	Asymmetric Electrophilic Fluorination Using an Anionic Chiral Phase-Transfer Catalyst. <i>Science</i> , 2011, 334, 1681-1684.	12.6	455
13	Development of Catalysts and Ligands for Enantioselective Gold Catalysis. <i>Accounts of Chemical Research</i> , 2014, 47, 889-901.	15.6	455
14	A bonding model for gold(I) carbene complexes. <i>Nature Chemistry</i> , 2009, 1, 482-486.	13.6	451
15	Gold(I)-Catalyzed Enantioselective Intramolecular Hydroamination of Allenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 2452-2453.	13.7	439
16	Recent advances in enantioselective gold catalysis. <i>Chemical Society Reviews</i> , 2016, 45, 4567-4589.	38.1	439
17	Gold(I)-Catalyzed Conia-Ene Reaction of β^2 -Ketoesters with Alkynes. <i>Journal of the American Chemical Society</i> , 2004, 126, 4526-4527.	13.7	418
18	Synthesis of 2-Cyclopentenones by Gold(I)-Catalyzed Rautenstrauch Rearrangement. <i>Journal of the American Chemical Society</i> , 2005, 127, 5802-5803.	13.7	406

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19	A supramolecular microenvironment strategy for transition metal catalysis. <i>Science</i> , 2015, 350, 1235-1238.	12.6	401
20	Dual Visible Light Photoredox and Gold-Catalyzed Arylative Ring Expansion. <i>Journal of the American Chemical Society</i> , 2014, 136, 5844-5847.	13.7	376
21	Rearrangement of Alkynyl Sulfoxides Catalyzed by Gold(I) Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 4160-4161.	13.7	354
22	Redox-based reagents for chemoselective methionine bioconjugation. <i>Science</i> , 2017, 355, 597-602.	12.6	353
23	Catalytic Isomerization of 1,5-Enynes to Bicyclo[3.1.0]hexenes. <i>Journal of the American Chemical Society</i> , 2004, 126, 10858-10859.	13.7	350
24	Gold(I)-Catalyzed Propargyl Claisen Rearrangement. <i>Journal of the American Chemical Society</i> , 2004, 126, 15978-15979.	13.7	344
25	Integration of chemical catalysis with extractive fermentation to produce fuels. <i>Nature</i> , 2012, 491, 235-239.	27.8	327
26	Gold(I)-Catalyzed Oxidative Rearrangements. <i>Journal of the American Chemical Society</i> , 2007, 129, 5838-5839.	13.7	321
27	Non-Oxidative Vanadium-Catalyzed C–O Bond Cleavage: Application to Degradation of Lignin Model Compounds. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3791-3794.	13.8	313
28	A supramolecular approach to combining enzymatic and transition metal catalysis. <i>Nature Chemistry</i> , 2013, 5, 100-103.	13.6	312
29	Regio- and Enantioselective Allylic Alkylation of an Unsymmetrical Substrate: A Working Model. <i>Journal of the American Chemical Society</i> , 1999, 121, 4545-4554.	13.7	311
30	Production of Fuels and Chemicals from Biomass: Condensation Reactions and Beyond. <i>CheM</i> , 2016, 1, 32-58.	11.7	297
31	Self-Assembled Tetrahedral Hosts as Supramolecular Catalysts. <i>Accounts of Chemical Research</i> , 2018, 51, 2447-2455.	15.6	292
32	Gold-Catalyzed Cycloisomerization of 1,5-Allenynes via Dual Activation of an Ene Reaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 4517-4526.	13.7	281
33	Converting homogeneous to heterogeneous in electrophilic catalysis using monodisperse metal nanoparticles. <i>Nature Chemistry</i> , 2010, 2, 36-41.	13.6	277
34	Gold(I)-Catalyzed Enantioselective Synthesis of Pyrazolidines, Isoxazolidines, and Tetrahydrooxazines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 598-601.	13.8	272
35	Gold-Catalyzed Three-Component Coupling: Oxidative Oxyarylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 8885-8887.	13.7	267
36	Gold(I)-Catalyzed [2 + 2]-Cycloaddition of Allenenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12402-12403.	13.7	265

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37	Gold-Catalyzed Intramolecular Aminoarylation of Alkenes: C-C Bond Formation through Bimolecular Reductive Elimination. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5519-5522.	13.8	264
38	Stable gold(III) catalysts by oxidative addition of a carbon-carbon bond. <i>Nature</i> , 2015, 517, 449-454.	27.8	261
39	Gold(I)-Catalyzed 5-endo-dig Carbocyclization of Acetylenic Dicarboxyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5350-5352.	13.8	251
40	Synthesis of Aromatic Ketones by a Transition Metal-Catalyzed Tandem Sequence. <i>Journal of the American Chemical Society</i> , 2006, 128, 7436-7437.	13.7	247
41	Phosphine-Catalyzed Hydration and Hydroalkoxylation of Activated Olefins: Use of a Strong Nucleophile to Generate a Strong Base. <i>Journal of the American Chemical Society</i> , 2003, 125, 8696-8697.	13.7	242
42	Gold(I)-Catalyzed Cyclizations of Silyl Enol Ethers: Application to the Synthesis of (+)-Lycopladine A. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5991-5994.	13.8	241
43	Asymmetric Synthesis of Medium-Sized Rings by Intramolecular Au(I)-Catalyzed Cyclopropanation. <i>Journal of the American Chemical Society</i> , 2009, 131, 2056-2057.	13.7	241
44	Enantioselective Halocyclization Using Reagents Tailored for Chiral Anion Phase-Transfer Catalysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 12928-12931.	13.7	238
45	Ligand-Controlled Access to [4 + 2] and [4 + 3] Cycloadditions in Gold-Catalyzed Reactions of Allene-Dienes. <i>Journal of the American Chemical Society</i> , 2009, 131, 6348-6349.	13.7	234
46	Application of Fundamental Organometallic Chemistry to the Development of a Gold-Catalyzed Synthesis of Sulfinate Derivatives. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4404-4407.	13.8	231
47	Synthesis of Azepines by a Gold-Catalyzed Intermolecular [4 + 3]-Annulation. <i>Journal of the American Chemical Society</i> , 2008, 130, 9244-9245.	13.7	229
48	Photoredox Catalysis Unlocks Single-Electron Elementary Steps in Transition Metal Catalyzed Cross-Coupling. <i>ACS Central Science</i> , 2016, 2, 293-301.	11.3	224
49	Gold(I)-Catalyzed Enantioselective Ring Expansion of Allenylcyclopropanols. <i>Journal of the American Chemical Society</i> , 2009, 131, 9178-9179.	13.7	222
50	Chiral Anion Phase-Transfer Catalysis Applied to the Direct Enantioselective Fluorinative Dearomatization of Phenols. <i>Journal of the American Chemical Society</i> , 2013, 135, 1268-1271.	13.7	222
51	Ruthenium-Catalyzed Intramolecular [5 + 2] Cycloadditions. <i>Journal of the American Chemical Society</i> , 2000, 122, 2379-2380.	13.7	221
52	Asymmetric O- and C-Alkylation of Phenols. <i>Journal of the American Chemical Society</i> , 1998, 120, 815-816.	13.7	220
53	Deoxygenation of Biomass-Derived Feedstocks: Oxorhenium-Catalyzed Deoxydehydration of Sugars and Sugar Alcohols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8082-8086.	13.8	220
54	Atom Economy. Palladium-Catalyzed Formation of Coumarins by Addition of Phenols and Alkynoates via a Net C-H Insertion. <i>Journal of the American Chemical Society</i> , 2003, 125, 4518-4526.	13.7	217

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55	Advances in supramolecular host-mediated reactivity. <i>Nature Catalysis</i> , 2020, 3, 969-984.	34.4	216
56	Gold(I)-Catalyzed Ring Expansion of Cyclopropanols and Cyclobutanols. <i>Journal of the American Chemical Society</i> , 2005, 127, 9708-9709.	13.7	212
57	Gold-Catalyzed [3+3]-Annulation of Azomethine Imines with Propargyl Esters. <i>Journal of the American Chemical Society</i> , 2009, 131, 11654-11655.	13.7	211
58	Catalytic Enantioselective Conia-Ene Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 17168-17169.	13.7	210
59	Phosphoramidite Gold(I)-Catalyzed Diastereo- and Enantioselective Synthesis of 3,4-Substituted Pyrrolidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 5500-5507.	13.7	210
60	Enantioselective Oxidative Homocoupling and Cross-Coupling of 2-Naphthols Catalyzed by Chiral Iron Phosphate Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 16553-16560.	13.7	209
61	Two Metals Are Better Than One in the Gold Catalyzed Oxidative Heteroarylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 14293-14300.	13.7	208
62	Control of selectivity in heterogeneous catalysis by tuning nanoparticle properties and reactor residence time. <i>Nature Chemistry</i> , 2012, 4, 947-952.	13.6	206
63	Hydroalkoxylation Catalyzed by a Gold(I) Complex Encapsulated in a Supramolecular Host. <i>Journal of the American Chemical Society</i> , 2011, 133, 7358-7360.	13.7	204
64	Chiral Anion-Mediated Asymmetric Ring Opening of <i>meso</i> -Aziridinium and Episulfonium Ions. <i>Journal of the American Chemical Society</i> , 2008, 130, 14984-14986.	13.7	203
65	Mechanistic Studies on Au(I)-Catalyzed [3,3]-Sigmatropic Rearrangements using Cyclopropane Probes. <i>Journal of the American Chemical Society</i> , 2009, 131, 4513-4520.	13.7	202
66	Synthesis of Indenyl Ethers by Gold(I)-Catalyzed Intramolecular Carboalkoxylation of Alkynes. <i>Journal of the American Chemical Society</i> , 2006, 128, 12062-12063.	13.7	199
67	Gold(I)-Catalyzed Synthesis of Dihydropyrans. <i>Journal of the American Chemical Society</i> , 2006, 128, 8132-8133.	13.7	197
68	Asymmetric Fluorination of Enamides: Access to $\hat{\pm}$ -Fluoroimines Using an Anionic Chiral Phase-Transfer Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 8376-8379.	13.7	197
69	Asymmetric additions to dienes catalysed by a dithiophosphoric acid. <i>Nature</i> , 2011, 470, 245-249.	27.8	196
70	Exceptionally fast carbon-carbon bond reductive elimination from gold(III). <i>Nature Chemistry</i> , 2014, 6, 159-164.	13.6	196
71	Gold(I)-Catalyzed Synthesis of Functionalized Cyclopentadienes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 912-914.	13.8	195
72	Gold(I)-Catalyzed Enantioselective Polycyclization Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 8276-8277.	13.7	195

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73	Catalytic enantioselective carbon-carbon bond formation using cycloisomerization reactions. <i>Chemical Science</i> , 2012, 3, 2899.	7.4	195
74	Vanadium-Catalyzed Asymmetric Oxidation of β -Hydroxy Esters Using Molecular Oxygen as Stoichiometric Oxidant. <i>Journal of the American Chemical Society</i> , 2005, 127, 1090-1091.	13.7	194
75	Development of Ruthenium Catalysts for the Enantioselective Synthesis of P-Stereogenic Phosphines via Nucleophilic Phosphido Intermediates. <i>Journal of the American Chemical Society</i> , 2009, 131, 6021-6032.	13.7	193
76	Chiral Amide Directed Assembly of a Diastereo- and Enantiopure Supramolecular Host and its Application to Enantioselective Catalysis of Neutral Substrates. <i>Journal of the American Chemical Society</i> , 2013, 135, 18802-18805.	13.7	193
77	A dual catalytic strategy for carbon-phosphorus cross-coupling via gold and photoredox catalysis. <i>Chemical Science</i> , 2015, 6, 1194-1198.	7.4	190
78	Asymmetric Cross-Dehydrogenative Coupling Enabled by the Design and Application of Chiral Triazole-Containing Phosphoric Acids. <i>Journal of the American Chemical Society</i> , 2013, 135, 14044-14047.	13.7	188
79	Pursuit of Noncovalent Interactions for Strategic Site-Selective Catalysis. <i>Accounts of Chemical Research</i> , 2017, 50, 609-615.	15.6	188
80	Seven Post-synthetic Covalent Reactions in Tandem Leading to Enzyme-like Complexity within Metal-Organic Framework Crystals. <i>Journal of the American Chemical Society</i> , 2016, 138, 8352-8355.	13.7	186
81	A data-intensive approach to mechanistic elucidation applied to chiral anion catalysis. <i>Science</i> , 2015, 347, 737-743.	12.6	185
82	A Catalytic Enantioselective Approach to Chromans and Chromanols. A Total Synthesis of (β)-Calanolides A and B and the Vitamin E Nucleus. <i>Journal of the American Chemical Society</i> , 1998, 120, 9074-9075.	13.7	184
83	High-spatial-resolution mapping of catalytic reactions on single particles. <i>Nature</i> , 2017, 541, 511-515.	27.8	183
84	A New Palladium-Catalyzed Addition: A Mild Method for the Synthesis of Coumarins. <i>Journal of the American Chemical Society</i> , 1996, 118, 6305-6306.	13.7	182
85	Enantioselective Reduction of Imines Catalyzed by a Rhenium(V) Oxo Complex. <i>Journal of the American Chemical Society</i> , 2005, 127, 12462-12463.	13.7	181
86	Au(I)-Catalyzed Enantioselective 1,3-Dipolar Cycloadditions of α,β -Unsaturated Ketones with Electron-Deficient Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12638-12639.	13.7	179
87	Divergent Enantioselective Synthesis of (β)-Galanthamine and (β)-Morphine. <i>Journal of the American Chemical Society</i> , 2005, 127, 14785-14803.	13.7	175
88	Au(I)-Catalyzed Ring Expanding Cycloisomerizations: Total Synthesis of Ventricosene. <i>Organic Letters</i> , 2008, 10, 4315-4318.	4.6	174
89	Alkylgold complexes by the intramolecular aminoauration of unactivated alkenes. <i>Chemical Science</i> , 2010, 1, 226.	7.4	174
90	Chiral (Acyclic Diaminocarbene)Gold(I)-Catalyzed Dynamic Kinetic Asymmetric Transformation of Propargyl Esters. <i>Journal of the American Chemical Society</i> , 2011, 133, 12972-12975.	13.7	174

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91	A Comparison of Photocatalytic Activities of Gold Nanoparticles Following Plasmonic and Interband Excitation and a Strategy for Harnessing Interband Hot Carriers for Solution Phase Photocatalysis. ACS Central Science, 2017, 3, 482-488.	11.3	174
92	Gold-Catalyzed Allylation of Aryl Boronic Acids: Accessing Cross-Coupling Reactivity with Gold. Angewandte Chemie - International Edition, 2014, 53, 6211-6215.	13.8	173
93	Deracemization of Baylis-Hillman Adducts. Journal of the American Chemical Society, 2000, 122, 3534-3535.	13.7	172
94	Synthesis of Benzenorcaradienes by Gold(I)-Catalyzed [4+3] Annulation. Journal of the American Chemical Society, 2006, 128, 14480-14481.	13.7	172
95	Total Synthesis of (+)-Fawcettimine. Angewandte Chemie - International Edition, 2007, 46, 7671-7673.	13.8	170
96	Gold(I)-Catalyzed Enantioselective Synthesis of Benzopyrans via Rearrangement of Allylic Oxonium Intermediates. Journal of the American Chemical Society, 2009, 131, 3464-3465.	13.7	168
97	Gold(I)-Catalyzed Enantioselective [4 + 2]-Cycloaddition of Allene-dienes. Organic Letters, 2010, 12, 200-203.	4.6	168
98	Mechanistic Study of Gold(I)-Catalyzed Intermolecular Hydroamination of Allenes. Journal of the American Chemical Society, 2010, 132, 13064-13071.	13.7	168
99	Au(I)-Catalyzed Cycloisomerizations Terminated by σ^3 C-H Bond Insertion. Journal of the American Chemical Society, 2009, 131, 2809-2811.	13.7	167
100	Reversing the Role of the Metal-Oxygen π -Bond. Chemoselective Catalytic Reductions with a Rhenium(V)-Dioxo Complex. Journal of the American Chemical Society, 2003, 125, 4056-4057.	13.7	166
101	Asymmetric Catalytic Synthesis of P-Stereogenic Phosphines via a Nucleophilic Ruthenium Phosphido Complex. Journal of the American Chemical Society, 2006, 128, 2786-2787.	13.7	166
102	Gold(I)-Catalyzed Diastereo- and Enantioselective 1,3-Dipolar Cycloaddition and Mannich Reactions of Azlactones. Journal of the American Chemical Society, 2011, 133, 3517-3527.	13.7	166
103	Enantioselective Synthesis of Highly Substituted Furans by a Copper(II)-Catalyzed Cycloisomerization-Indole Addition Reaction. Journal of the American Chemical Society, 2011, 133, 8486-8489.	13.7	163
104	Palladium-Catalyzed Defluorinative Coupling of 1-Aryl-2,2-Difluoroalkenes and Boronic Acids: Stereoselective Synthesis of Monofluorostilbenes. Angewandte Chemie - International Edition, 2016, 55, 11629-11632.	13.8	161
105	Enantioselective Total Synthesis of (β)-Galanthamine. Journal of the American Chemical Society, 2000, 122, 11262-11263.	13.7	159
106	A Doubly Axially Chiral Phosphoric Acid Catalyst for the Asymmetric Tandem Oxyfluorination of Enamides. Angewandte Chemie - International Edition, 2012, 51, 9684-9688.	13.8	156
107	Rhenium-Catalyzed Coupling of Propargyl Alcohols and Allyl Silanes. Journal of the American Chemical Society, 2003, 125, 15760-15761.	13.7	154
108	Rhenium(V)-Catalyzed Synthesis of 2-Deoxy- β -glycosides. Journal of the American Chemical Society, 2004, 126, 4510-4511.	13.7	154

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109	Gold(I)-Catalyzed Dearomative Rautenstrauch Rearrangement: Enantioselective Access to Cyclopenta[<i>b</i>]indoles. <i>Journal of the American Chemical Society</i> , 2015, 137, 3225-3228.	13.7	154
110	Visible light-mediated gold-catalysed carbon(sp ²)–carbon(sp) cross-coupling. <i>Chemical Science</i> , 2016, 7, 85-88.	7.4	154
111	Palladium-Catalyzed Kinetic and Dynamic Kinetic Asymmetric Transformation of 5-Acyloxy-2-(5H)-furanone. Enantioselective Synthesis of (–)-Aflatoxin B Lactone. <i>Journal of the American Chemical Society</i> , 1999, 121, 3543-3544.	13.7	153
112	On the Impact of Steric and Electronic Properties of Ligands on Gold(I)-Catalyzed Cycloaddition Reactions. <i>Organic Letters</i> , 2009, 11, 4798-4801.	4.6	153
113	Fluorenes and Styrenes by Au(I)-Catalyzed Annulation of Enynes and Alkynes. <i>Journal of the American Chemical Society</i> , 2008, 130, 3736-3737.	13.7	152
114	Ruthenium-Catalyzed Cycloisomerizations of 1,6- and 1,7-Enynes. <i>Journal of the American Chemical Society</i> , 2000, 122, 714-715.	13.7	151
115	Synthesis and structural characterization of isolable phosphine coinage metal η^6 -complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2779-2782.	7.1	150
116	Expanding the Scope of Biomass-Derived Chemicals through Tandem Reactions Based on Oxo-rhenium-Catalyzed Deoxydehydration. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12905-12909.	13.8	150
117	Studies on the Vanadium-Catalyzed Nonoxidative Depolymerization of <i>Miscanthus giganteus</i> -Derived Lignin. <i>ACS Catalysis</i> , 2013, 3, 1369-1377.	11.2	150
118	Asymmetric Palladium-Catalyzed Directed Intermolecular Fluoroarylation of Styrenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 4101-4104.	13.7	150
119	A Reactivity-Driven Approach to the Discovery and Development of Gold-Catalyzed Organic Reactions. <i>Synlett</i> , 2010, 2010, 675-691.	1.8	147
120	Gold-Catalyzed Oxidative Coupling Reactions with Aryltrimethylsilanes. <i>Organic Letters</i> , 2010, 12, 4728-4731.	4.6	147
121	Direct Asymmetric Amination of β -Branched Cyclic Ketones Catalyzed by a Chiral Phosphoric Acid. <i>Journal of the American Chemical Society</i> , 2015, 137, 3205-3208.	13.7	147
122	Dendrimer-Stabilized Metal Nanoparticles as Efficient Catalysts for Reversible Dehydrogenation/Hydrogenation of N-Heterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 18084-18092.	13.7	147
123	On the Diels-Alder Approach to Solely Biomass-Derived Polyethylene Terephthalate (PET): Conversion of 2,5-Dimethylfuran and Acrolein into <i>p</i> -Xylene. <i>Chemistry - A European Journal</i> , 2011, 17, 12452-12457.	3.3	146
124	Asymmetric Catalysis at the Mesoscale: Gold Nanoclusters Embedded in Chiral Self-Assembled Monolayer as Heterogeneous Catalyst for Asymmetric Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 3881-3886.	13.7	146
125	Enantioselective 1,1-Arylborylation of Alkenes: Merging Chiral Anion Phase Transfer with Pd Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 3213-3216.	13.7	146
126	C–C Coupling Reactivity of an Alkylgold(III) Fluoride Complex with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2010, 132, 12859-12861.	13.7	145

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127	A Mild C=O Bond Formation Catalyzed by a Rhenium-Oxo Complex. <i>Journal of the American Chemical Society</i> , 2003, 125, 6076-6077.	13.7	144
128	Selective Monoterpene-like Cyclization Reactions Achieved by Water Exclusion from Reactive Intermediates in a Supramolecular Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 17873-17876.	13.7	144
129	Rhenium-Catalyzed Aromatic Propargylation. <i>Organic Letters</i> , 2004, 6, 1325-1327.	4.6	143
130	Asymmetric Fluorination of β -Branched Cyclohexanones Enabled by a Combination of Chiral Anion Phase-Transfer Catalysis and Enamine Catalysis using Protected Amino Acids. <i>Journal of the American Chemical Society</i> , 2014, 136, 5225-5228.	13.7	143
131	Analysis of an Unprecedented Mechanism for the Catalytic Hydrosilylation of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2007, 129, 14684-14696.	13.7	142
132	C(sp ³)-F reductive elimination from alkylgold(III) fluoride complexes. <i>Chemical Science</i> , 2012, 3, 72-76.	7.4	141
133	Photoinitiated Oxidative Addition of CF ₃ I to Gold(I) and Facile Aryl-CF ₃ Reductive Elimination. <i>Journal of the American Chemical Society</i> , 2014, 136, 7777-7782.	13.7	141
134	Palladium-Catalyzed Enantioselective Cyclization of Silyloxy-1,6-Enynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 2764-2765.	13.7	138
135	A Two-Component Catalyst System for Asymmetric Allylic Alkylations with Alcohol Pronucleophiles. <i>Journal of the American Chemical Society</i> , 1998, 120, 12702-12703.	13.7	135
136	Regio- and Enantioselective Hydroamination of Dienes by Gold(I)/Menthol Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9919-9922.	13.8	133
137	Foundations and strategies of the construction of hybrid catalysts for optimized performances. <i>Nature Catalysis</i> , 2018, 1, 318-325.	34.4	133
138	Electrocatalysis at Organic-Metal Interfaces: Identification of Structure-Reactivity Relationships for CO ₂ Reduction at Modified Cu Surfaces. <i>Journal of the American Chemical Society</i> , 2019, 141, 7355-7364.	13.7	133
139	Enantioselective Fluoroamination: 1,4-Addition to Conjugated Dienes Using Anionic Phase-Transfer Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7724-7727.	13.8	131
140	Palladium Catalyzed Kinetic and Dynamic Kinetic Asymmetric Transformations of β -Acetoxybutenolides. Enantioselective Total Synthesis of (+)-Aflatoxin B1 and B2a. <i>Journal of the American Chemical Society</i> , 2003, 125, 3090-3100.	13.7	129
141	Syntheses of Seven-Membered Rings: Ruthenium-Catalyzed Intramolecular [5+2] Cycloadditions. <i>Chemistry - A European Journal</i> , 2005, 11, 2577-2590.	3.3	126
142	Supported Dendrimer-Encapsulated Metal Clusters: Toward Heterogenizing Homogeneous Catalysts. <i>Accounts of Chemical Research</i> , 2017, 50, 1894-1901.	15.6	126
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