Vy Maria Dong

List of Publications by Year
in descending order

73 papers	9,016 citations	76031 42 h-index	81351 76 g-index
87 all docs	87 docs citations	87 times ranked	7324 citing authors

#	Article	IF	Citations
1	Comparing Apples to Alkanes: Teaching Newman Projections and Conformation by Analogy. Journal of Chemical Education, 2022, 99, 1106-1109.	1.1	3
2	Enantioselective Addition of Î±â€Nitroesters to Alkynes. Angewandte Chemie, 2021, 133, 4649-4653.	1.6	2
3	Teaching Aldehydes New Tricks Using Rhodium- and Cobalt-Hydride Catalysis. Accounts of Chemical Research, 2021, 54, 1236-1250.	7.6	42
4	Enantioselective Hydrothiolation: Diverging Cyclopropenes through Ligand Control. Journal of the American Chemical Society, 2021, 143, 6176-6184.	6.6	41
5	Reducing Challenges in Organic Synthesis with Stereoselective Hydrogenation and Tandem Catalysis. Journal of the American Chemical Society, 2021, 143, 6724-6745.	6.6	33
6	Enantioselective Addition of Pyrazoles to Dienes**. Angewandte Chemie, 2021, 133, 19812-19816.	1.6	8
7	Enantioselective Addition of Pyrazoles to Dienes**. Angewandte Chemie - International Edition, 2021, 60, 19660-19664.	7.2	48
8	Enantioselective Addition of Î±â€Nitroesters to Alkynes. Angewandte Chemie - International Edition, 2021, 60, 4599-4603.	7.2	19
9	Hydroformylation: Alternatives to Rh and Syn-gas. , 2021, , .		0
10	A Diverse View of Science to Catalyse Change. Journal of the American Chemical Society, 2020, 142, 14393-14396.	6.6	12
11	A diverse view of science to catalyse change. Nature Chemistry, 2020, 12, 773-776.	6.6	18
12	A diverse view of science to catalyse change. Chemical Science, 2020, 11, 9043-9047.	3.7	4
13	A Diverse View of Science to Catalyse Change. Angewandte Chemie, 2020, 132, 18462-18466.	1.6	2
14	A Diverse View of Science to Catalyse Change. Angewandte Chemie - International Edition, 2020, 59, 18306-18310.	7.2	7
15	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. Canadian Journal of Chemistry, 2020, 98, 597-600.	0.6	2
16	A regioselectivity switch in Pd-catalyzed hydroallylation of alkynes. Chemical Science, 2019, 10, 6311-6315.	3.7	44
17	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. Angewandte Chemie, 2019, 131, 4753-4757.	1.6	13
18	Catalytic Hydrothiolation: Counterion-Controlled Regioselectivity. Journal of the American Chemical Society, 2019, 141, 3006-3013.	6.6	108

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19	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. Angewandte Chemie - International Edition, 2019, 58, 4705-4709.	7.2	33
20	Enantioselective Coupling of Dienes and Phosphine Oxides. Journal of the American Chemical Society, 2018, 140, 16450-16454.	6.6	131
21	Hydrogenation catalyst generates cyclic peptide stereocentres in sequence. Nature Chemistry, 2018, 10, 968-973.	6.6	24
22	Catalytic Alkyne Arylation Using Traceless Directing Groups. Angewandte Chemie - International Edition, 2018, 57, 13598-13602.	7.2	16
23	Tandem Catalysis: Transforming Alcohols to Alkenes by Oxidative Dehydroxymethylation. Journal of the American Chemical Society, 2018, 140, 10126-10130.	6.6	42
24	Catalytic Alkyne Arylation Using Traceless Directing Groups. Angewandte Chemie, 2018, 130, 13786-13790.	1.6	2
25	Catalytic Hydrothiolation: Regio- and Enantioselective Coupling of Thiols and Dienes. Journal of the American Chemical Society, 2018, 140, 10443-10446.	6.6	132
26	Stereodivergent Coupling of Aldehydes and Alkynes via Synergistic Catalysis Using Rh and Jacobsenâ€™s Amine. Journal of the American Chemical Society, 2017, 139, 1029-1032.	6.6	234
27	Rhodium-Catalyzed Hydrofunctionalization: Enantioselective Coupling of Indolines and 1,3-Dienes. Journal of the American Chemical Society, 2017, 139, 1774-1777.	6.6	142
28	An Enlightening Reactor. ACS Central Science, 2017, 3, 526-527.	5.3	4
29	Cyclizing Pentapeptides: Mechanism and Application of Dehydrophenylalanine as a Traceless Turn-Inducer. Organic Letters, 2017, 19, 114-117.	2.4	15
30	Enantioselective semireduction of allenes. Nature Communications, 2017, 8, 784.	5.8	18
31	Intermolecular Hydroamination of 1,3-Dienes To Generate Homoallylic Amines. Journal of the American Chemical Society, 2017, 139, 14049-14052.	6.6	83
32	Synthesis and Biological Activity of Octaketides from the Cytosporone Family. Israel Journal of Chemistry, 2017, 57, 975-981.	1.0	12
33	Alkyne Hydroheteroarylation: Enantioselective Coupling of Indoles and Alkynes via Rh-Hydride Catalysis. Journal of the American Chemical Society, 2017, 139, 10641-10644.	6.6	90
34	Transforming Olefins into Î³,Î´â€‰Unsaturated Nitriles through Copper Catalysis. Angewandte Chemie - International Edition, 2017, 56, 11589-11593.	7.2	62
35	Transforming Olefins into Î³ , Î´â€‰Unsaturated Nitriles through Copper Catalysis. Angewandte Chemie, 2017, 129, 11747-11751.	1.6	10
36	Cobalt Catalysis for Enantioselective Cyclobutanone Construction. Journal of the American Chemical Society, 2017, 139, 10208-10211.	6.6	82

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37	Tandem Rh-catalysis: decarboxylative Î²-keto acid and alkyne cross-coupling. Chemical Communications, 2016, 52, 5836-5839.	2.2	88
38	Diastereodivergent Construction of Bicyclic Î³-Lactones via Enantioselective Ketone Hydroacylation. Journal of the American Chemical Society, 2016, 138, 12013-12016.	6.6	78
39	Rhodium-Catalyzed Enantioselective Cycloisomerization to Cyclohexenes Bearing Quaternary Carbon Centers. Journal of the American Chemical Society, 2016, 138, 3310-3313.	6.6	45
40	Rhodium(I)â€Catalyzed Intermolecular Hydroacylation of Î±â€Keto Amides and Isatins with Nonâ€Chelating Aldehydes. Advanced Synthesis and Catalysis, 2015, 357, 2233-2237.	2.1	15
41	Rh-catalyzed Câ€“C bond cleavage by transfer hydroformylation. Science, 2015, 347, 56-60.	6.0	201
42	Alkyne Hydroacylation: Switching Regioselectivity by Tandem Ruthenium Catalysis. Journal of the American Chemical Society, 2015, 137, 3157-3160.	6.6	83
43	Rhodium-Catalyzed Enantioselective Hydroamination of Alkynes with Indolines. Journal of the American Chemical Society, 2015, 137, 8392-8395.	6.6	146
44	Rh-catalyzed desymmetrization of Î±-quaternary centers by isomerization-hydroacylation. Chemical Science, 2015, 6, 4479-4483.	3.7	57
45	Nickelâ€Catalyzed Dehydrogenative Crossâ€Coupling: Direct Transformation of Aldehydes into Esters and Amides. Angewandte Chemie - International Edition, 2015, 54, 1312-1315.	7.2	142
46	Mechanistic insights into hydroacylation with non-chelating aldehydes. Chemical Science, 2015, 6, 174-180.	3.7	55
47	Catalytic acceptorless dehydrogenations: Ru-Macho catalyzed construction of amides and imines. Tetrahedron, 2014, 70, 4213-4218.	1.0	67
48	Substrateâ€Directed Hydroacylation: Rhodiumâ€Catalyzed Coupling of Vinylphenols and Nonchelating Aldehydes. Angewandte Chemie - International Edition, 2014, 53, 2455-2459.	7.2	70
49	Making Câ€“C Bonds from Carbon Dioxide via Transition-Metal Catalysis. Topics in Catalysis, 2014, 57, 1342-1350.	1.3	71
50	From Racemic Alcohols to Enantiopure Amines: Ru-Catalyzed Diastereoselective Amination. Journal of the American Chemical Society, 2014, 136, 12548-12551.	6.6	119
51	Enantioselective hydroacylation of olefins with rhodium catalysts. Chemical Communications, 2014, 50, 13645-13649.	2.2	112
52	Dynamic Kinetic Resolution of Allylic Sulfoxides by Rh-Catalyzed Hydrogenation: A Combined Theoretical and Experimental Mechanistic Study. Journal of the American Chemical Society, 2014, 136, 291-298.	6.6	42
53	Rh(I)-Catalyzed Intermolecular Hydroacylation: Enantioselective Cross-Coupling of Aldehydes and Ketoamides. Journal of the American Chemical Society, 2014, 136, 9471-9476.	6.6	57
54	Recognition and Siteâ€Selective Transformation of Monosaccharides by Using Copper(II) Catalysis. Chemistry - A European Journal, 2014, 20, 5013-5018.	1.7	64

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55	Regioselective Hydroacylation of 1,3-Dienes by Cobalt Catalysis. Journal of the American Chemical Society, 2014, 136, 3772-3775.	6.6	153
56	Enantioselective Ketone Hydroacylation Using Noyoriâ€™s Transfer Hydrogenation Catalyst. Journal of the American Chemical Society, 2013, 135, 5553-5556.	6.6	79
57	Silver-catalyzed ring-opening of cyclopropenes: preparation of tertiary Î±-branched allylic amines. Tetrahedron, 2013, 69, 5726-5731.	1.0	27
58	Rhodium-Phosphoramidite Catalyzed Alkene Hydroacylation: Mechanism and Octaketide Natural Product Synthesis. Journal of the American Chemical Society, 2012, 134, 15022-15032.	6.6	139
59	Î²-hydroxy ketones prepared by regioselective hydroacylation. Chemical Science, 2012, 3, 355-358.	3.7	64
60	Catalytic Hydroacylation as an Approach to Homoaldol Products. Organic Letters, 2011, 13, 6216-6219.	2.4	58
61	Ru-catalyzed activation of sp³Câ€“O bonds: O- to N-alkyl migratory rearrangement in pyridines and related heterocycles. Chemical Science, 2011, 2, 544-551.	3.7	72
62	Catalytic Dehydrogenative Cross-Coupling: Forming Carbonâ^'Carbon Bonds by Oxidizing Two Carbonâ^'Hydrogen Bonds. Chemical Reviews, 2011, 111, 1215-1292.	23.0	3,601
63	Nitrogen-directed ketone hydroacylation: Enantioselective synthesis of benzoxazecinones. Chemical Science, 2011, 2, 407-410.	3.7	84
64	Preparing water-dispersed palladium nanoparticles via polyelectrolyte nanoreactors. Chemical Science, 2010, 1, 772.	3.7	27
65	Regio- and Enantioselective Intermolecular Hydroacylation: Substrate-Directed Addition of Salicylaldehydes to Homoallylic Sulfides. Journal of the American Chemical Society, 2010, 132, 16330-16333.	6.6	171
66	Pd-catalyzed ortho-arylation of phenylacetamides, benzamides, and anilides with simple arenes using sodium persulfate. Chemical Science, 2010, 1, 331.	3.7	247
67	Enantioselective Desymmetrization of Cyclopropenes by Hydroacylation. Journal of the American Chemical Society, 2010, 132, 16354-16355.	6.6	215
68	Rh-Catalyzed Intramolecular Olefin Hydroacylation: Enantioselective Synthesis of Seven- and Eight-Membered Heterocycles. Journal of the American Chemical Society, 2009, 131, 6932-6933.	6.6	168
69	Mechanistic Insights into the Rhodium-Catalyzed Intramolecular Ketone Hydroacylation. Journal of the American Chemical Society, 2009, 131, 1077-1091.	6.6	125
70	Phthalides by Rhodium-Catalyzed Ketone Hydroacylation. Journal of the American Chemical Society, 2009, 131, 15608-15609.	6.6	221
71	Rh-Catalyzed Carbonyl Hydroacylation:â€‰ An Enantioselective Approach to Lactones. Journal of the American Chemical Society, 2008, 130, 2916-2917.	6.6	132
72	Molecular Recognition and Stabilization of Iminium Ions in Water. Journal of the American Chemical Society, 2006, 128, 14464-14465.	6.6	216

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73	Development of a New Lewis Acid-Catalyzed Claisen Rearrangement. Journal of the American Chemical Society, 1999, 121, 9726-9727.	6.6	85