

# Vy M Dong

## List of Publications by Year in descending order

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63  
papers

10,013  
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61687

45  
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116156

66  
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docs citations

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times ranked

7491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Addition of $\beta$ -Nitroesters to Alkynes. <i>Angewandte Chemie</i> , 2021, 133, 4649-4653.	1.6	2
2	Teaching Aldehydes New Tricks Using Rhodium- and Cobalt-Hydride Catalysis. <i>Accounts of Chemical Research</i> , 2021, 54, 1236-1250.	7.6	42
3	Enantioselective Hydrothiolation: Diverging Cyclopropenes through Ligand Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 6176-6184.	6.6	41
4	Reducing Challenges in Organic Synthesis with Stereoselective Hydrogenation and Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 6724-6745.	6.6	33
5	Enantioselective Addition of Pyrazoles to Dienes**. <i>Angewandte Chemie</i> , 2021, 133, 19812-19816.	1.6	8
6	Enantioselective Addition of Pyrazoles to Dienes**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19660-19664.	7.2	48
7	Enantioselective Addition of $\beta$ -Nitroesters to Alkynes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4599-4603.	7.2	19
8	Hydroformylation: Alternatives to Rh and Syn-gas. , 2021, , .		0
9	A regioselectivity switch in Pd-catalyzed hydroallylation of alkynes. <i>Chemical Science</i> , 2019, 10, 6311-6315.	3.7	44
10	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. <i>Angewandte Chemie</i> , 2019, 131, 4753-4757.	1.6	13
11	Catalytic Hydrothiolation: Counterion-Controlled Regioselectivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 3006-3013.	6.6	108
12	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4705-4709.	7.2	33
13	Enantioselective Coupling of Dienes and Phosphine Oxides. <i>Journal of the American Chemical Society</i> , 2018, 140, 16450-16454.	6.6	131
14	Tandem Catalysis: Transforming Alcohols to Alkenes by Oxidative Dehydroxymethylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 10126-10130.	6.6	42
15	Catalytic Hydrothiolation: Regio- and Enantioselective Coupling of Thiols and Dienes. <i>Journal of the American Chemical Society</i> , 2018, 140, 10443-10446.	6.6	132
16	Stereodivergent Coupling of Aldehydes and Alkynes via Synergistic Catalysis Using Rh and Jacobsen's Amine. <i>Journal of the American Chemical Society</i> , 2017, 139, 1029-1032.	6.6	234
17	Rhodium-Catalyzed Hydrofunctionalization: Enantioselective Coupling of Indolines and 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 1774-1777.	6.6	142
18	Intermolecular Hydroamination of 1,3-Dienes To Generate Homoallylic Amines. <i>Journal of the American Chemical Society</i> , 2017, 139, 14049-14052.	6.6	83

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19	Synthesis and Biological Activity of Octaketides from the Cytosporone Family. <i>Israel Journal of Chemistry</i> , 2017, 57, 975-981.	1.0	12
20	Alkyne Hydroheteroarylation: Enantioselective Coupling of Indoles and Alkynes via Rh-Hydride Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 10641-10644.	6.6	90
21	Transforming Olefins into $\alpha,\beta$ -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11589-11593.	7.2	62
22	Transforming Olefins into $\alpha,\beta$ -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 11747-11751.	1.6	10
23	Cobalt Catalysis for Enantioselective Cyclobutanone Construction. <i>Journal of the American Chemical Society</i> , 2017, 139, 10208-10211.	6.6	82
24	Tandem Rh-catalysis: decarboxylative $\alpha,\beta$ -keto acid and alkyne cross-coupling. <i>Chemical Communications</i> , 2016, 52, 5836-5839.	2.2	88
25	Diastereodivergent Construction of Bicyclic $\alpha,\beta$ -Lactones via Enantioselective Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 12013-12016.	6.6	78
26	Rhodium-Catalyzed Enantioselective Cycloisomerization to Cyclohexenes Bearing Quaternary Carbon Centers. <i>Journal of the American Chemical Society</i> , 2016, 138, 3310-3313.	6.6	45
27	Rhodium(I)-Catalyzed Intermolecular Hydroacylation of $\alpha,\beta$ -Keto Amides and Isatins with Non-Chelating Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2233-2237.	2.1	15
28	Rh-catalyzed C-C bond cleavage by transfer hydroformylation. <i>Science</i> , 2015, 347, 56-60.	6.0	201
29	Alkyne Hydroacylation: Switching Regioselectivity by Tandem Ruthenium Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 3157-3160.	6.6	83
30	Rhodium-Catalyzed Enantioselective Hydroamination of Alkynes with Indolines. <i>Journal of the American Chemical Society</i> , 2015, 137, 8392-8395.	6.6	146
31	Rh-catalyzed desymmetrization of $\alpha,\beta$ -quaternary centers by isomerization-hydroacylation. <i>Chemical Science</i> , 2015, 6, 4479-4483.	3.7	57
32	Nickel-Catalyzed Dehydrogenative Cross-Coupling: Direct Transformation of Aldehydes into Esters and Amides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1312-1315.	7.2	142
33	Mechanistic insights into hydroacylation with non-chelating aldehydes. <i>Chemical Science</i> , 2015, 6, 174-180.	3.7	55
34	Catalytic acceptorless dehydrogenations: Ru-Macho catalyzed construction of amides and imines. <i>Tetrahedron</i> , 2014, 70, 4213-4218.	1.0	67
35	Substrate-Directed Hydroacylation: Rhodium-Catalyzed Coupling of Vinylphenols and Nonchelating Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2455-2459.	7.2	70
36	Making C-C Bonds from Carbon Dioxide via Transition-Metal Catalysis. <i>Topics in Catalysis</i> , 2014, 57, 1342-1350.	1.3	71

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37	From Racemic Alcohols to Enantiopure Amines: Ru-Catalyzed Diastereoselective Amination. <i>Journal of the American Chemical Society</i> , 2014, 136, 12548-12551.	6.6	119
38	Enantioselective hydroacylation of olefins with rhodium catalysts. <i>Chemical Communications</i> , 2014, 50, 13645-13649.	2.2	112
39	Dynamic Kinetic Resolution of Allylic Sulfoxides by Rh-Catalyzed Hydrogenation: A Combined Theoretical and Experimental Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2014, 136, 291-298.	6.6	42
40	Rh(I)-Catalyzed Intermolecular Hydroacylation: Enantioselective Cross-Coupling of Aldehydes and Ketoamides. <i>Journal of the American Chemical Society</i> , 2014, 136, 9471-9476.	6.6	57
41	Regioselective Hydroacylation of 1,3-Dienes by Cobalt Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 3772-3775.	6.6	153
42	Enantioselective Ketone Hydroacylation Using Noyori's Transfer Hydrogenation Catalyst. <i>Journal of the American Chemical Society</i> , 2013, 135, 5553-5556.	6.6	79
43	Rhodium-Phosphoramidite Catalyzed Alkene Hydroacylation: Mechanism and Octaketide Natural Product Synthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 15022-15032.	6.6	139
44	$\beta$ -hydroxy ketones prepared by regioselective hydroacylation. <i>Chemical Science</i> , 2012, 3, 355-358.	3.7	64
45	Catalytic Hydroacylation as an Approach to Homoaldol Products. <i>Organic Letters</i> , 2011, 13, 6216-6219.	2.4	58
46	Catalytic Dehydrogenative Cross-Coupling: Forming Carbon-Carbon Bonds by Oxidizing Two Carbon-Hydrogen Bonds. <i>Chemical Reviews</i> , 2011, 111, 1215-1292.	23.0	3,601
47	Nitrogen-directed ketone hydroacylation: Enantioselective synthesis of benzoxazecinones. <i>Chemical Science</i> , 2011, 2, 407-410.	3.7	84
48	Carbon-Sulfur Reductive Elimination from Palladium(IV) Sulfinate Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 932-934.	7.2	100
49	Cyclopalladation of N-phenylbenzamides: Synthesis and structure of bimetallic palladium(II)-complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 247-252.	1.2	19
50	Synthesis of C3- and C2-symmetric tris- and bis-sulfoxide ligands by asymmetric oxidation. <i>Tetrahedron</i> , 2011, 67, 4378-4384.	1.0	48
51	Regio- and Enantioselective Intermolecular Hydroacylation: Substrate-Directed Addition of Salicylaldehydes to Homoallylic Sulfides. <i>Journal of the American Chemical Society</i> , 2010, 132, 16330-16333.	6.6	171
52	Pd-catalyzed ortho-arylation of phenylacetamides, benzamides, and anilides with simple arenes using sodium persulfate. <i>Chemical Science</i> , 2010, 1, 331.	3.7	247
53	Enantioselective Desymmetrization of Cyclopropenes by Hydroacylation. <i>Journal of the American Chemical Society</i> , 2010, 132, 16354-16355.	6.6	215
54	Palladium-Catalyzed Ortho-Arylation of <i>O</i> -Phenylcarbamates with Simple Arenes and Sodium Persulfate. <i>Journal of the American Chemical Society</i> , 2010, 132, 5837-5844.	6.6	374

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55	Palladium-Catalyzed Intramolecular Carboesterification of Olefins. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9690-9692.	7.2	54
56	Indole synthesis: palladium-catalyzed C-H bond amination via reduction of nitroalkenes with carbon monoxide. <i>Tetrahedron</i> , 2009, 65, 3062-3068.	1.0	80
57	Palladium-Catalyzed C-H Bond Functionalization with Arylsulfonyl Chlorides. <i>Journal of the American Chemical Society</i> , 2009, 131, 3466-3467.	6.6	419
58	Rh-Catalyzed Intramolecular Olefin Hydroacylation: Enantioselective Synthesis of Seven- and Eight-Membered Heterocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 6932-6933.	6.6	168
59	Mechanistic Insights into the Rhodium-Catalyzed Intramolecular Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2009, 131, 1077-1091.	6.6	125
60	Phthalides by Rhodium-Catalyzed Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2009, 131, 15608-15609.	6.6	221
61	Rh-Catalyzed Carbonyl Hydroacylation: An Enantioselective Approach to Lactones. <i>Journal of the American Chemical Society</i> , 2008, 130, 2916-2917.	6.6	132
62	Beyond Aresta's Complex: Ni- and Pd-Catalyzed Organozinc Coupling with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2008, 130, 7826-7827.	6.6	283
63	Palladium-Catalyzed Olefin Dioxygenation. <i>Journal of the American Chemical Society</i> , 2008, 130, 2962-2964.	6.6	236