

Vy M Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11567030/publications.pdf>

Version: 2024-02-01

63
papers

10,013
citations

53794

45
h-index

102487

66
g-index

89
all docs

89
docs citations

89
times ranked

6865
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Dehydrogenative Cross-Coupling: Forming Carbon-Carbon Bonds by Oxidizing Two Carbon-Hydrogen Bonds. <i>Chemical Reviews</i> , 2011, 111, 1215-1292.	47.7	3,601
2	Palladium-Catalyzed C-H Bond Functionalization with Arylsulfonyl Chlorides. <i>Journal of the American Chemical Society</i> , 2009, 131, 3466-3467.	13.7	419
3	Palladium-Catalyzed <i>ortho</i> -Arylation of <i>ortho</i> -Phenylcarbamates with Simple Arenes and Sodium Persulfate. <i>Journal of the American Chemical Society</i> , 2010, 132, 5837-5844.	13.7	374
4	Beyond Aresta's Complex: Ni- and Pd-Catalyzed Organozinc Coupling with CO ₂ . <i>Journal of the American Chemical Society</i> , 2008, 130, 7826-7827.	13.7	283
5	Pd-catalyzed <i>ortho</i> -arylation of phenylacetamides, benzamides, and anilides with simple arenes using sodium persulfate. <i>Chemical Science</i> , 2010, 1, 331.	7.4	247
6	Palladium-Catalyzed Olefin Dioxygenation. <i>Journal of the American Chemical Society</i> , 2008, 130, 2962-2964.	13.7	236
7	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.	13.7	234
8	Phthalides by Rhodium-Catalyzed Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2009, 131, 15608-15609.	13.7	221
9	Enantioselective Desymmetrization of Cyclopropenes by Hydroacylation. <i>Journal of the American Chemical Society</i> , 2010, 132, 16354-16355.	13.7	215
10	Rh-catalyzed C=C bond cleavage by transfer hydroformylation. <i>Science</i> , 2015, 347, 56-60.	12.6	201
11	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.	13.7	171
12	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.	13.7	168
13	Regioselective Hydroacylation of 1,3-Dienes by Cobalt Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 3772-3775.	13.7	153
14	Rhodium-Catalyzed Enantioselective Hydroamination of Alkynes with Indolines. <i>Journal of the American Chemical Society</i> , 2015, 137, 8392-8395.	13.7	146
15	Nickel-Catalyzed Dehydrogenative Cross-Coupling: Direct Transformation of Aldehydes into Esters and Amides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1312-1315.	13.8	142
16	Rhodium-Catalyzed Hydrofunctionalization: Enantioselective Coupling of Indolines and 1,3-Dienes. <i>Journal of the American Chemical Society</i> , 2017, 139, 1774-1777.	13.7	142
17	Rhodium-Phosphoramidite Catalyzed Alkene Hydroacylation: Mechanism and Octaketide Natural Product Synthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 15022-15032.	13.7	139
18	Rh-Catalyzed Carbonyl Hydroacylation: An Enantioselective Approach to Lactones. <i>Journal of the American Chemical Society</i> , 2008, 130, 2916-2917.	13.7	132

#	ARTICLE	IF	CITATIONS
19	Catalytic Hydrothiolation: Regio- and Enantioselective Coupling of Thiols and Dienes. <i>Journal of the American Chemical Society</i> , 2018, 140, 10443-10446.	13.7	132
20	Enantioselective Coupling of Dienes and Phosphine Oxides. <i>Journal of the American Chemical Society</i> , 2018, 140, 16450-16454.	13.7	131
21	Mechanistic Insights into the Rhodium-Catalyzed Intramolecular Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2009, 131, 1077-1091.	13.7	125
22	From Racemic Alcohols to Enantiopure Amines: Ru-Catalyzed Diastereoselective Amination. <i>Journal of the American Chemical Society</i> , 2014, 136, 12548-12551.	13.7	119
23	Enantioselective hydroacylation of olefins with rhodium catalysts. <i>Chemical Communications</i> , 2014, 50, 13645-13649.	4.1	112
24	Catalytic Hydrothiolation: Counterion-Controlled Regioselectivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 3006-3013.	13.7	108
25	Carbon-Sulfur Reductive Elimination from Palladium(IV) Sulfinate Complexes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 932-934.	13.8	100
26	Alkyne Hydroheteroarylation: Enantioselective Coupling of Indoles and Alkynes via Rh-Hydride Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 10641-10644.	13.7	90
27	Tandem Rh-catalysis: decarboxylative \hat{I}^2 -keto acid and alkyne cross-coupling. <i>Chemical Communications</i> , 2016, 52, 5836-5839.	4.1	88
28	Nitrogen-directed ketone hydroacylation: Enantioselective synthesis of benzoxazecinones. <i>Chemical Science</i> , 2011, 2, 407-410.	7.4	84
29	Alkyne Hydroacylation: Switching Regioselectivity by Tandem Ruthenium Catalysis. <i>Journal of the American Chemical Society</i> , 2015, 137, 3157-3160.	13.7	83
30	Intermolecular Hydroamination of 1,3-Dienes To Generate Homoallylic Amines. <i>Journal of the American Chemical Society</i> , 2017, 139, 14049-14052.	13.7	83
31	Cobalt Catalysis for Enantioselective Cyclobutanone Construction. <i>Journal of the American Chemical Society</i> , 2017, 139, 10208-10211.	13.7	82
32	Indole synthesis: palladium-catalyzed C-H bond amination via reduction of nitroalkenes with carbon monoxide. <i>Tetrahedron</i> , 2009, 65, 3062-3068.	1.9	80
33	Enantioselective Ketone Hydroacylation Using Noyori's Transfer Hydrogenation Catalyst. <i>Journal of the American Chemical Society</i> , 2013, 135, 5553-5556.	13.7	79
34	Diastereodivergent Construction of Bicyclic \hat{I}^3 -Lactones via Enantioselective Ketone Hydroacylation. <i>Journal of the American Chemical Society</i> , 2016, 138, 12013-12016.	13.7	78
35	Making C-C Bonds from Carbon Dioxide via Transition-Metal Catalysis. <i>Topics in Catalysis</i> , 2014, 57, 1342-1350.	2.8	71
36	Substrate-Directed Hydroacylation: Rhodium-Catalyzed Coupling of Vinylphenols and Nonchelating Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2455-2459.	13.8	70

#	ARTICLE	IF	CITATIONS
37	Catalytic acceptorless dehydrogenations: Ru-Macho catalyzed construction of amides and imines. <i>Tetrahedron</i> , 2014, 70, 4213-4218.	1.9	67
38	β -hydroxy ketones prepared by regioselective hydroacylation. <i>Chemical Science</i> , 2012, 3, 355-358.	7.4	64
39	Transforming Olefins into α,β -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11589-11593.	13.8	62
40	Catalytic Hydroacylation as an Approach to Homoaldol Products. <i>Organic Letters</i> , 2011, 13, 6216-6219.	4.6	58
41	Rh(I)-Catalyzed Intermolecular Hydroacylation: Enantioselective Cross-Coupling of Aldehydes and Ketoamides. <i>Journal of the American Chemical Society</i> , 2014, 136, 9471-9476.	13.7	57
42	Rh-catalyzed desymmetrization of β -quaternary centers by isomerization-hydroacylation. <i>Chemical Science</i> , 2015, 6, 4479-4483.	7.4	57
43	Mechanistic insights into hydroacylation with non-chelating aldehydes. <i>Chemical Science</i> , 2015, 6, 174-180.	7.4	55
44	Palladium-Catalyzed Intramolecular Carboesterification of Olefins. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9690-9692.	13.8	54
45	Synthesis of C3- and C2-symmetric tris- and bis-sulfoxide ligands by asymmetric oxidation. <i>Tetrahedron</i> , 2011, 67, 4378-4384.	1.9	48
46	Enantioselective Addition of Pyrazoles to Dienes**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19660-19664.	13.8	48
47	Rhodium-Catalyzed Enantioselective Cycloisomerization to Cyclohexenes Bearing Quaternary Carbon Centers. <i>Journal of the American Chemical Society</i> , 2016, 138, 3310-3313.	13.7	45
48	A regioselectivity switch in Pd-catalyzed hydroallylation of alkynes. <i>Chemical Science</i> , 2019, 10, 6311-6315.	7.4	44
49	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.	13.7	42
50	Tandem Catalysis: Transforming Alcohols to Alkenes by Oxidative Dehydroxymethylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 10126-10130.	13.7	42
51	Teaching Aldehydes New Tricks Using Rhodium- and Cobalt-Hydride Catalysis. <i>Accounts of Chemical Research</i> , 2021, 54, 1236-1250.	15.6	42
52	Enantioselective Hydrothiolation: Diverging Cyclopropenes through Ligand Control. <i>Journal of the American Chemical Society</i> , 2021, 143, 6176-6184.	13.7	41
53	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4705-4709.	13.8	33
54	Reducing Challenges in Organic Synthesis with Stereoselective Hydrogenation and Tandem Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 6724-6745.	13.7	33

#	ARTICLE	IF	CITATIONS
55	Cyclopalladation of N-phenylbenzamides: Synthesis and structure of bimetallic palladium(II)-complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 247-252.	2.4	19
56	Enantioselective Addition of β -Nitroesters to Alkynes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4599-4603.	13.8	19
57	Rhodium(I)-Catalyzed Intermolecular Hydroacylation of α -Keto Amides and Isatins with Non-Chelating Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2233-2237.	4.3	15
58	Dynamic Kinetic Resolution of Aldehydes by Hydroacylation. <i>Angewandte Chemie</i> , 2019, 131, 4753-4757.	2.0	13
59	Synthesis and Biological Activity of Octaketides from the Cytosporone Family. <i>Israel Journal of Chemistry</i> , 2017, 57, 975-981.	2.3	12
60	Transforming Olefins into β , γ -Unsaturated Nitriles through Copper Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 11747-11751.	2.0	10
61	Enantioselective Addition of Pyrazoles to Dienes**. <i>Angewandte Chemie</i> , 2021, 133, 19812-19816.	2.0	8
62	Enantioselective Addition of β -Nitroesters to Alkynes. <i>Angewandte Chemie</i> , 2021, 133, 4649-4653.	2.0	2
63	Hydroformylation: Alternatives to Rh and Syn-gas. , 2021, , .		0