David Monge

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	1,327 citations	430754 18 h-index	414303 32 g-index
46 all docs	46 docs citations	46 times ranked	1424 citing authors

#	Article	IF	Citations
1	Acyl Phosphonates: Good Hydrogen Bond Acceptors and Ester/Amide Equivalents in Asymmetric Organocatalysis. Journal of the American Chemical Society, 2010, 132, 2775-2783.	6.6	208
2	Imidazo[1,5-a]pyridin-3-ylidene/Thioether Mixed C/S Ligands and Complexes ThereofÂ§. Organometallics, 2007, 26, 2570-2578.	1.1	128
3	Organocatalytic Conjugate Addition of FormaldehydeN,N-Dialkylhydrazones to Î²,Î³-Unsaturated Î±-Keto Esters. Organic Letters, 2007, 9, 3303-3306.	2.4	104
4	Asymmetric Oneâ€Pot Sequential Organoâ€•and Gold Catalysis for the Enantioselective Synthesis of Dihydropyrrole Derivatives. Chemistry - A European Journal, 2010, 16, 9478-9484.	1.7	91
5	Asymmetric Formal Carbonyl-Ene Reactions of Formaldehyde tert-Butyl Hydrazone with Î±-Keto Esters: Dual Activation by Bis-urea Catalysts. Journal of the American Chemical Society, 2012, 134, 12912-12915.	6.6	81
6	Synthesis of 1,2,4-Triazolines: Base-Catalyzed Hydrazination/Cyclization Cascade of Î±-Isocyano Esters and Amides. Organic Letters, 2011, 13, 328-331.	2.4	76
7	Hydrazones as Singular Reagents in Asymmetric Organocatalysis. Chemistry - A European Journal, 2016, 22, 13430-13445.	1.7	70
8	Synthesis, Structure, and Applications ofN-Dialkylamino-Nâ€˜-alkylimidazol-2-ylidenes as a New Type of NHC LigandsÂ§. Organometallics, 2006, 25, 6039-6046.	1.1	65
9	Asymmetric Organocatalytic Formal Azaâ€Michael Addition of Ammonia to Nitroalkenes. Chemistry - A European Journal, 2010, 16, 13330-13334.	1.7	60
10	Pyridineâ€“Hydrazones as N,Nâ€²-Ligands in Asymmetric Catalysis: Pd(II)-Catalyzed Addition of Boronic Acids to Cyclic Sulfonylketimines. Organic Letters, 2015, 17, 5104-5107.	2.4	58
11	Masked Unsaturated Esters/Amides in Asymmetric Organocatalysis. Chemistry - A European Journal, 2015, 21, 4494-4504.	1.7	41
12	Enantioâ€•and Diastereoselective Nucleophilic Addition of Nâ€tertâ€Butylhydrazones to Isoquinolinium Ions through Anionâ€Binding Catalysis. Angewandte Chemie - International Edition, 2021, 60, 5096-5101.	7.2	37
13	Dual Organocatalytic Activation of Isatins and Formaldehyde tertâ€Butyl Hydrazone: Asymmetric Synthesis of Functionalized 3â€Hydroxyâ€2â€oxindoles. Chemistry - A European Journal, 2013, 19, 8421-8425.	1.7	35
14	Enantioselective Conjugate Addition ofN,N-Dialkylhydrazones to Î±-Hydroxy Enonesâ€¡. Organic Letters, 2007, 9, 2867-2870.	2.4	33
15	Asymmetric organocatalytic synthesis of quaternary Î±-hydroxy phosphonates: en route to Î±-aryl phosphaisoserines. Chemical Communications, 2015, 51, 4077-4080.	2.2	26
16	An asymmetric organocatalytic approach towards allylic amines and Î²-keto amino compounds. Chemical Communications, 2009, , 6554.	2.2	25
17	Synthesis of enantioenriched azo compounds: organocatalytic Michael addition of formaldehyde N-tert-butyl hydrazone to nitroalkenes. Organic and Biomolecular Chemistry, 2013, 11, 326-335.	1.5	20
18	Bifunctional Squaramide Organocatalysts for the Asymmetric Addition of Formaldehyde tertâ€Butylhydrazone to Simple Aldehydes. Chemistry - A European Journal, 2018, 24, 6854-6860.	1.7	19

#	Article	IF	Citations
19	Formaldehyde tert-butyl hydrazone as a formyl anion equivalent: asymmetric addition to carbonyl compounds. Chemical Communications, 2020, 56, 9256-9267.	2.2	16
20	Pyridineâ€“hydrazone ligands in enantioselective palladium-catalyzed Suzukiâ€“Miyaura cross-couplings. Tetrahedron, 2016, 72, 5184-5190.	1.0	15
21	Asymmetric Organocatalytic Synthesis of Fluorinated Î²â€Hydroxy Diazenes. European Journal of Organic Chemistry, 2019, 2019, 130-138.	1.2	15
22	Pyridineâ€Hydrazone Ligands in Asymmetric Palladiumâ€Catalyzed 1,4â€•and 1,6â€Additions of Arylboronic Acids to Cyclic (Di)enones. Advanced Synthesis and Catalysis, 2019, 361, 176-184.	2.1	15
23	Regioâ€•and Enantioselective Allylation of Phenols via Decarboxylative Allylic Etherification of Allyl Aryl Carbonates Catalyzed by (Cyclopentadienyl)ruthenium(II) Complexes and Pyridineâ€Hydrazone Ligands. Advanced Synthesis and Catalysis, 2015, 357, 3325-3331.	2.1	13
24	Solvent-free synthesis of quaternary Î±-hydroxy Î±-trifluoromethyl diazenes: the key step of a nucleophilic formylation strategy. Green Chemistry, 2016, 18, 4042-4050.	4.6	13
25	Asymmetric organocatalytic Strecker-type reactions of aliphatic N,N-dialkylhydrazones. Organic and Biomolecular Chemistry, 2013, 11, 8247.	1.5	12
26	Asymmetric organocatalytic synthesis of tertiary azomethyl alcohols: key intermediates towards azoxy compounds and Î±-hydroxy-Î²-amino esters. Organic and Biomolecular Chemistry, 2017, 15, 2993-3005.	1.5	12
27	Enantioâ€•and Diastereoselective Nucleophilic Addition of N â€•tert â€Butylhydrazones to Isoquinolinium Ions through Anionâ€Binding Catalysis. Angewandte Chemie, 2021, 133, 5156-5161.	1.6	11
28	Stereoselective synthesis of cationic heterobidentate C(NHC)/SR rhodium(I) complexes using stereodirecting N,N-dialkylamino groups. Tetrahedron: Asymmetry, 2010, 21, 1557-1562.	1.8	9
29	Alkaloid-Derived Thioureas in Asymmetric Organocatalysis: A Cooperative Learning Activity in a Project-Based Laboratory Course. Journal of Chemical Education, 2015, 92, 1390-1393.	1.1	9
30	Î±-Keto hydrazones in asymmetric aminocatalysis: reactivity through Î²-amino aza-dienamine intermediates. Organic Chemistry Frontiers, 2021, 8, 3446-3456.	2.3	4
31	Catalytic enantioselective synthesis of Î±-aryl Î±-hydrazino esters and amides. Chemical Communications, 2020, 56, 5823-5826.	2.2	3
32	Asymmetric cross-aldol reactions of Î±-keto hydrazones and Î±,Î²-unsaturated Î³-keto hydrazones with trifluoromethyl ketones. Chemical Communications, 2021, 57, 11835-11838.	2.2	3
33	Design and synthesis of new bis-hydrazones and pyridine bis-hydrazones: application in the asymmetric Diels-Alder reaction. Arkivoc, 2013, 2013, 33-45.	0.3	0