

Francesco Fini

List of Publications by Year in descending order

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papers

2,203
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docs citations

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1877
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#	ARTICLE	IF	CITATIONS
1	Organocatalytic Asymmetric Diels-Alder Reactions of α -Vinylindoles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9236-9239.	13.8	217
2	Phase-Transfer-Catalyzed Asymmetric Aza-Henry Reaction Using <i>N</i> -Carbamoyl Imines Generated In Situ from α -Amido Sulfones. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7975-7978.	13.8	170
3	Enantioselective aza-Henry reaction using cinchona organocatalysts. <i>Tetrahedron</i> , 2006, 62, 375-380.	1.9	138
4	Direct Access to Enantiomerically Enriched α -Amino Phosphonic Acid Derivatives by Organocatalytic Asymmetric Hydrophosphonylation of Imines. <i>Journal of Organic Chemistry</i> , 2006, 71, 6269-6272.	3.2	137
5	Organocatalytic Asymmetric Mannich Reactions with <i>N</i> -Boc and <i>N</i> -Cbz Protected α -Amido Sulfones (Boc: <i>tert</i> -Butoxycarbonyl, Cbz: Benzyloxycarbonyl). <i>Chemistry - A European Journal</i> , 2007, 13, 8338-8351.	3.3	113
6	Organocatalytic Enantioselective Decarboxylative Addition of Malonic Half Thioesters to Imines. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1037-1040.	4.3	112
7	Organocatalytic Asymmetric Formal [3 + 2] Cycloaddition with in Situ-Generated <i>N</i> -Carbamoyl Nitrones. <i>Journal of the American Chemical Society</i> , 2009, 131, 9614-9615.	13.7	99
8	Phase transfer catalyzed enantioselective cyclopropanation of 4-nitro-5-styrylisoxazoles. <i>Chemical Communications</i> , 2012, 48, 3863.	4.1	91
9	Phase Transfer Catalyzed Enantioselective Strecker Reactions of α -Amido Sulfones with Cyanohydrins. <i>Journal of Organic Chemistry</i> , 2006, 71, 9869-9872.	3.2	81
10	Catalytic Asymmetric Mannich Reactions of Sulfonylacetates. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5694-5697.	13.8	80
11	Phase-Transfer-Catalyzed Enantioselective Mannich Reaction of Malonates with α -Amido Sulfones. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2043-2046.	4.3	74
12	Catalytic Oxidative Carbonylation of Amino Moieties to Ureas, Oxamides, α -Oxazolidinones, and Benzoxazolones. <i>ChemSusChem</i> , 2015, 8, 2204-2211.	6.8	63
13	Organocatalytic asymmetric aza-Michael reaction: enantioselective addition of <i>O</i> -benzylhydroxylamine to chalcones. <i>Tetrahedron Letters</i> , 2007, 48, 7805-7808.	1.4	53
14	An easy entry to optically active α -amino phosphonic acid derivatives using phase-transfer catalysis (PTC). <i>Chemical Communications</i> , 2008, , 4345.	4.1	42
15	Development of a Mild Procedure for the Addition of Bisulfite to Electrophilic Olefins. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3163-3168.	4.3	41
16	Palladium(II)-Catalyzed Cross-Dehydrogenative Coupling (CDC) of <i>N</i> -Phthaloyl Dehydroalanine Esters with Simple Arenes: Stereoselective Synthesis of <i>Z</i> -Dehydrophenylalanine Derivatives. <i>Organic Letters</i> , 2016, 18, 2762-2765.	4.6	41
17	Catalytic Enantioselective Addition of Sodium Bisulfite to Chalcones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6893-6895.	13.8	40
18	Chemical-physical properties and cytotoxicity of <i>N</i> -decanoyl amino acid-based surfactants: Effect of polar heads. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 492, 38-46.	4.7	33

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19	A Broadened Scope for the Use of Hydrazones as Neutral Nucleophiles in the Presence of H-Bonding Organocatalysts. <i>Synlett</i> , 2006, 2006, 239-242.	1.8	31
20	Asymmetric Synthesis of β -Diaminophosphonic Acid Derivatives with a Catalytic Enantioselective Mannich Reaction. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2283-2287.	4.3	30
21	Inhibition of <i>Acinetobacter</i> -Derived Cephalosporinase: Exploring the Carboxylate Recognition Site Using Novel β -Lactamase Inhibitors. <i>ACS Infectious Diseases</i> , 2018, 4, 337-348.	3.8	27
22	Organocatalysis and Beyond: Activating Reactions with Two Catalytic Species. <i>Catalysts</i> , 2019, 9, 928.	3.5	26
23	New Aryl β -Diimine Palladium(II) Catalysts in Stereocontrolled CO/Vinyl Arene Copolymerization. <i>Organometallics</i> , 2014, 33, 129-144.	2.3	24
24	Analogies and Differences in Palladium-Catalyzed CO/Styrene and Ethylene/Methyl Acrylate Copolymerization Reactions. <i>ChemCatChem</i> , 2014, 6, 2403-2418.	3.7	22
25	Palladium complexes with simple iminopyridines as catalysts for polyketone synthesis. <i>Dalton Transactions</i> , 2016, 45, 14609-14619.	3.3	22
26	The β -Lactamase Inhibitor Boronic Acid Derivative SM23 as a New Anti- <i>Pseudomonas aeruginosa</i> Biofilm. <i>Frontiers in Microbiology</i> , 2020, 11, 35.	3.5	22
27	Selective Aryl β -Diimine/Palladium-Catalyzed Bis-Alkoxy-carbonylation of Olefins for the Synthesis of Substituted Succinic Diesters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 177-184.	4.3	21
28	Oxidative Alkoxy-carbonylation of Alkynes by Means of Aryl β -Diimine Palladium(II) Complexes as Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3244-3253.	4.3	19
29	Unprecedented Comonomer Dependence of the Stereochemistry Control in Pd-Catalyzed CO/Vinyl Arene Polyketone Synthesis. <i>ChemCatChem</i> , 2015, 7, 2255-2264.	3.7	15
30	Diastereospecific Bis-Alkoxy-carbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl β -Diimine Palladium(II) Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3507-3517.	4.3	15
31	Chiral oxazoline-1,3-dithianes: new effective nitrogen-sulfur donating ligands in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3232-3240.	1.8	12
32	1,2,3-Triazolylmethaneboronate: A Structure Activity Relationship Study of a Class of β -Lactamase Inhibitors against <i>Acinetobacter baumannii</i> Cephalosporinase. <i>ACS Infectious Diseases</i> , 2020, 6, 1965-1975.	3.8	12
33	A Regio- and Stereoselective Carbonylative Approach to Alkyl (<i>Z</i>)- β -Oxoisobenzofuran-1-ylidene]acetates. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 690-695.		11
34	Organocatalysis in the Asymmetric Synthesis of Nitrogen-Containing Compounds: How and Why. <i>Chimia</i> , 2007, 61, 224-231.	0.6	10
35	Organocatalyzed Enantioselective Synthesis of Nitroalkanes Bearing All-Carbon Quaternary Stereogenic Centers through Conjugate Addition of Acetone Cyanohydrin. <i>Synlett</i> , 2008, 2008, 1857-1861.	1.8	9
36	Insights in the rheological properties of PLGA-PEG-PLGA aqueous dispersions: Structural properties and temperature-dependent behaviour. <i>Polymer</i> , 2021, 213, 123216.	3.8	7

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37	Towards the Synthesis of Highly Functionalized Chiral $\hat{\pm}$ -Amino Nitriles by Aminative Cyanation and Their Synthetic Applications. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 207-217.	2.4	6
38	Asymmetric Organocatalysis Accelerated via Self-Assembled Minimal Structures. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5403-5406.	2.4	6
39	First 1,3-Dipolar Cycloaddition of Azomethine Ylides with (E)-Ethyl 3-Fluoroacrylate: Regio- and Stereoselective Synthesis of Enantiopure $\hat{\pm}$ -Fluorinated Prolines. <i>Synlett</i> , 2006, 2006, 0543-0546.	1.8	2
40	Straightforward synthesis of chiral non-racemic $\hat{\pm}$ -boryl isocyanides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6687-6691.	2.8	1
41	Front Cover Picture: Diastereospecific Bis-alkoxycarbonylation of 1,2-Disubstituted Olefins Catalyzed by Aryl $\hat{\pm}$ -Diimine Palladium(II) Catalysts (<i>Adv. Synth. Catal.</i> 18/2018). <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3425-3425.	4.3	0