

Miguel Yus

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

386
papers

23,799
citations

70
h-index

141
g-index

465
ext. papers

25,619
ext. citations

5.9
avg, IF

7.39
L-index

#	Paper	IF	Citations
386	Enantioselective desymmetrization reactions in asymmetric catalysis. <i>Tetrahedron</i> , 2022 , 106-107, 132629	2.4	7
385	Stereoselective Synthesis of β - and γ -Amino Ketone Derivatives from α -Butanesulfinyl Aldimines and Functionalized Organolithium Compounds. <i>Molecules</i> , 2021 , 26,	4.8	2
384	Chiral N-tert-Butylsulfinyl Imines: New Discoveries. <i>Chemical Record</i> , 2021 , 21, 1300-1341	6.6	2
383	α -Butanesulfinyl imines in the asymmetric synthesis of nitrogen-containing heterocycles. <i>Beilstein Journal of Organic Chemistry</i> , 2021 , 17, 1096-1140	2.5	7
382	Transition metal-catalyzed reactions of N-sulfinyl imines. <i>Tetrahedron Letters</i> , 2021 , 73, 153104	2	
381	Pyrrolidine and Indolizidine Alkaloids from Chiral N-tert-Butanesulfinyl Imines Derived from 4-Halobutanal. <i>Synthesis</i> , 2021 , 53, 1749-1759	2.9	1
380	Diels-Alder reactions of 1-amino-1,3-dienes and related systems. <i>Tetrahedron</i> , 2021 , 94, 132316	2.4	1
379	Catalysis and regioselectivity in hydrofunctionalization reactions of unsaturated carbon bonds. Part I. <i>Russian Chemical Reviews</i> , 2020 , 89, 250-274	6.8	16
378	Stereodivergent routes in organic synthesis: marine natural products, lactones, other natural products, heterocycles and unnatural compounds. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 1279-1336	3.9	8
377	Stereodivergent routes in organic synthesis: carbohydrates, amino acids, alkaloids and terpenes. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 1232-1278	3.9	12
376	Stereoselective synthesis of 5-(1-aminoalkyl)-2-pyrrolidones and 1,7-diazaspiro[4.5]decane-2,8-diones from chiral N-tert-butanesulfinyl imines and ethyl 4-nitrobutanoate. <i>Tetrahedron</i> , 2020 , 76, 130842	2.4	3
375	Stereoselective Synthesis of Tetrahydroisoquinolines from Chiral 4-Azaocta-1,7-diyne and 4-Azaocta-1,7-enynes. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 113-126	3.2	8
374	Catalysis and regioselectivity in hydrofunctionalization reactions of unsaturated carbon bonds. Part II. Hydroamination. <i>Russian Chemical Reviews</i> , 2020 , 89, 1074-1114	6.8	9
373	Chemodivergent reactions. <i>Chemical Society Reviews</i> , 2020 , 49, 7101-7166	58.5	33
372	Conjugated Ynones in Organic Synthesis. <i>Chemical Reviews</i> , 2019 , 119, 11110-11244	68.1	83
371	Enantiodivergent Approach to the Synthesis of Cis-2,6-Disubstituted Piperidin-4-ones. <i>Journal of Organic Chemistry</i> , 2019 , 84, 7331-7341	4.2	16
370	Metal-catalyzed regiodivergent organic reactions. <i>Chemical Society Reviews</i> , 2019 , 48, 4515-4618	58.5	102

369	Indium Mediated Allylation of N-tert-Butanesulfinyl Imines with 1,3-Dibromopropene: Stereoselective Synthesis of Aziridines. <i>Heterocycles</i> , 2019 , 99, 248	0.8	5
368	Enantioselective Synthesis, DFT Calculations, and Preliminary Antineoplastic Activity of Dibenzo 1-Azaspiro[4.5]decanes on Drug-Resistant Leukemias. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2219-2233 ^{4.2}		13
367	Stereodivergent Catalysis. <i>Chemical Reviews</i> , 2018 , 118, 5080-5200	68.1	202
366	Direct Access to N-tert-Butanesulfinyl Imines from Aryl Iodides, Alkenyl Alcohols, and N-tert-Butanesulfinamide. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2609-2614	3.2	4
365	Highly Convergent Straightforward Stereoselective Synthesis of (+)-C(9a)-Epiepiquinamide. <i>Heterocycles</i> , 2018 , 97, 1191	0.8	7
364	Synthesis of Chiral 1,3-Dienes through Ring-Closing Metathesis of Enantioenriched Enynes: Potential Precursors of Morphane Analogs. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 1059-1072 ^{1.4}		5
363	Indium-, Magnesium-, and Zinc-Mediated Debenzylation of Protected α -1H-Tetrazoles: A Comparative Study. <i>Synthesis</i> , 2018 , 50, 3430-3435	2.9	4
362	Selective palladium(ii)-mediated oxidation of homoallylic N-tert-butanesulfinyl amine derivatives. <i>Chemical Communications</i> , 2017 , 53, 2701-2704	5.8	7
361	Stereoselective allylation and reduction of N - tert -butanesulfinyl- β -keto aldimines. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1407-1413		9
360	Stereoselective Coupling of N-tert-Butanesulfinyl Aldimines and β -Keto Acids: Access to β -Amino Ketones. <i>Journal of Organic Chemistry</i> , 2017 , 82, 7481-7491	4.2	21
359	Indium-mediated diastereoselective allylation of N-tert-butanesulfinyl imines derived from β -ketoesters. <i>Tetrahedron</i> , 2016 , 72, 6001-6010	2.4	17
358	The Hiyama Cross-Coupling Reaction: New Discoveries. <i>Chemical Record</i> , 2016 , 16, 2521-2533	6.6	38
357	One-Pot Synthesis of N-tert-Butylsulfinylimines and Homoallylamine Derivatives from Epoxides. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4067-4076	3.2	14
356	LiCl-mediated, easy, and low-cost removal of the trityl group from protected alcohols and diols. <i>Tetrahedron Letters</i> , 2016 , 57, 3526-3528	2	2
355	Stereoselective Synthesis of 2-(2-Aminoalkyl)- and 1,3-Disubstituted Tetrahydro-1H-pyrido[4,3-b]-Benzofuran and Indole Derivatives. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10214-10226	4.2	24
354	Recent advances in the use of chiral aldimines in asymmetric synthesis. <i>Russian Chemical Bulletin</i> , 2016 , 65, 1667-1686	1.7	4
353	Zn/MeOH-Mediated Practical and Easy Detritylation of Protected 1-Trityltetrazoles. <i>Synthesis</i> , 2016 , 48, 2455-2460	2.9	3
352	Indium-mediated cleavage of the trityl group from protected alcohols and diols. <i>Tetrahedron</i> , 2016 , 72, 7937-7941	2.4	1

351	An Acyl-NHC Osmium Cooperative System: Coordination of Small Molecules and Heterolytic B-H and O-H Bond Activation. <i>Organometallics</i> , 2015 , 34, 3902-3908	3.8	42
350	1,3-Dipolar cycloadditions of azomethine imines. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8596-6369	3.9	162
349	Catalytic asymmetric transfer hydrogenation of ketones: recent advances. <i>Tetrahedron: Asymmetry</i> , 2015 , 26, 769-790		166
348	Reductive Removal of the Pivaloyl Protecting Group from Tetrazoles by a Naphthalene-Catalyzed Lithiation Process. <i>Synthesis</i> , 2015 , 47, 507-510	2.9	6
347	Chiral benzimidazoles as hydrogen bonding organocatalysts. <i>Tetrahedron Letters</i> , 2015 , 56, 2623-2633	2	19
346	Catalytic Asymmetric Transfer Hydrogenation of Imines: Recent Advances. <i>Chemical Record</i> , 2015 , 15, 907-24	6.6	51
345	Indium-Mediated Cleavage of the Trityl Group from Protected 1H-Tetrazoles. <i>Synlett</i> , 2015 , 26, 2399-2402	2.2	4
344	Stereoselective Aza-Henry Reaction of Chiral tert-Butanesulfinyl Imines with Methyl or Ethyl 4-Nitrobutanoate: Easy Access to Enantioenriched 6-Substituted Piperidine-2,5-diones. <i>Heterocycles</i> , 2015 , 90, 1419	0.8	4
343	Base-promoted diastereoselective addition of nitromethane and nitroethane to N-tert-butylsulfinyl imines: synthesis of N-protected amino acids and amino ketones. <i>Tetrahedron: Asymmetry</i> , 2014 , 25, 362-372		13
342	Heck, Sonogashira, and Hiyama Reactions Catalyzed by Palladium Nanoparticles Stabilized by Tris-Imidazolium Salt. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3001-3008	3.2	26
341	Diastereoselective allylation and crotylation of N-tert-butanesulfinyl imines with allylic alcohols. <i>Chemical Communications</i> , 2014 , 50, 6898-901	5.8	22
340	Catalytic Enantioselective Addition of Aryl Grignard Reagents to Ketones. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 6519-6526	3.2	26
339	1,2-Functionalized Imidazoles as Palladium Ligands: An Efficient and Robust Catalytic System for the Fluorine-Free Hiyama Reaction. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 872-877	3.2	5
338	Diastereoselective Indium-Promoted Allylation of Chiral N-Sulfinyl Imines. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 485-491	3.2	30
337	Stereoselective synthesis of indoline, tetrahydroquinoline, and tetrahydrobenzazepine derivatives from o-bromophenyl N-tert-butylsulfinyl aldimines. <i>Journal of Organic Chemistry</i> , 2014 , 79, 1356-67	4.2	36
336	Microwave-Enhanced Asymmetric Transfer Hydrogenation of N-(tert-Butylsulfinyl)imines. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7034-7038	3.2	22
335	Biscarboxy-Functionalized Imidazole and Palladium as Highly Active Catalytic System in Protic Solvents: Methanol and Water. <i>Synthesis</i> , 2014 , 46, 2965-2975	2.9	10
334	Enantioselective Synthesis of Tetrahydroquinoline Alkaloids (-)-Angustureine and (-)-Cuspareine from Chiral tert-Butanesulfinyl Imines. <i>Heterocycles</i> , 2014 , 88, 1163	0.8	19

333	Hydrosilylation of Internal Alkynes Catalyzed by Tris- Imidazolium Salt-Stabilized Palladium Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 179-188	5.6	47
332	Detritylation of Protected Tetrazoles by Naphthalene-Catalyzed Lithiation. <i>Synthesis</i> , 2014 , 46, 2065-2070	20	3
331	Nickel Catalysts (Heterogeneous) 2014 , 1-8		1
330	Preparation of Enantioenriched Homoallylic Primary Amines 2014 , 88-97		
329	Synthesis of Highly Enantiomerically Enriched Amines by Asymmetric Transfer Hydrogenation of N-(tert-Butylsulfinyl)Imines 2014 , 338-349		1
328	Catalyzed addition of acid chlorides to alkynes by unmodified nano-powder magnetite: synthesis of chlorovinyl ketones, furans, and related cyclopentenone derivatives. <i>Tetrahedron</i> , 2013 , 69, 7056-7065	2.4	24
327	Osmium Catalyst for the Borrowing Hydrogen Methodology: α -Alkylation of Arylacetonitriles and Methyl Ketones. <i>ACS Catalysis</i> , 2013 , 3, 2072-2075	13.1	117
326	Synthesis of nitrogenated heterocycles by asymmetric transfer hydrogenation of N-(tert-butylsulfinyl)haloimines. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9181-9	4.2	31
325	Polymer-supported l-prolinol-based catalysts for the enantioselective addition of dialkylzinc reagents to N-(diphenylphosphinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2013 , 24, 116-120		6
324	Indium-Promoted Diastereo- and Regioselective Propargylation of Chiral Sulfinylimines. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1287-1295	3.2	29
323	New routes to Cu(I)/Cu nanocatalysts for the multicomponent click synthesis of 1,2,3-triazoles. <i>Nanoscale</i> , 2013 , 5, 342-50	7.7	43
322	Chiral Aminated β -Methylenebenzocycloalkenes from o-Bromoaryl Aldehydes and Ketones. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2461-2471	3.2	21
321	Synthesis of β - δ and δ -lactams by asymmetric transfer hydrogenation of N-(tert-butylsulfinyl)iminoesters. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3647-54	4.2	34
320	Alkenes as azido precursors for the one-pot synthesis of 1,2,3-triazoles catalyzed by copper nanoparticles on activated carbon. <i>Journal of Organic Chemistry</i> , 2013 , 78, 5031-7	4.2	65
319	Environmentally friendly and regioselective C3-alkylation of indoles with alcohols through a hydrogen autotransfer strategy. <i>Tetrahedron Letters</i> , 2013 , 54, 3394-3397	2	39
318	Diastereoselective allylation of carbonyl compounds and imines: application to the synthesis of natural products. <i>Chemical Reviews</i> , 2013 , 113, 5595-698	68.1	378
317	Synthesis of indolizines and heterocyclic chalcones catalyzed by supported copper nanoparticles. <i>Chemistry - A European Journal</i> , 2013 , 19, 5242-5	4.8	64
316	Catalytic Enantioselective Addition of Alkyl Grignard Reagents to Aliphatic Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1249-1254	5.6	31

315	Copper-Impregnated Magnetite as a Heterogeneous Catalyst for the Homocoupling of Terminal Alkynes. <i>Synthesis</i> , 2013 , 45, 1373-1379	2.9	22
314	Copper-Impregnated Magnetite as a Heterogeneous Catalyst for the Homocoupling of Terminal Alkynes. <i>Synthesis</i> , 2013 , 45, 2768-2768	2.9	3
313	NHC-Ligand Effectiveness in the Fluorine-Free Hiyama Reaction of Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1479-1484	3.2	18
312	Heterocyclic Carbene-Metal-catalyzed Csp ² -Csp ² and Csp ² -Csp ² Couplings Using Nonmetallic Substrates. <i>Chemistry Letters</i> , 2013 , 42, 94-108	1.7	22
311	Impregnated copper or palladium-copper on magnetite as catalysts for the domino and stepwise Sonogashira-cyclization processes: a straightforward synthesis of benzo[b]furans and indoles. <i>Tetrahedron</i> , 2012 , 68, 1393-1400	2.4	91
310	Copper(II) acetate-catalyzed one-pot conversion of aldehydes into primary amides through a Beckmann-type rearrangement. <i>Tetrahedron</i> , 2012 , 68, 3948-3951	2.4	48
309	Direct reductive amination of aldehydes using lithium-arene(cat.) as reducing system. A simple one-pot procedure for the synthesis of secondary amines. <i>Tetrahedron Letters</i> , 2012 , 53, 3156-3160	2	29
308	A versatile Ru catalyst for the asymmetric transfer hydrogenation of both aromatic and aliphatic sulfinylimines. <i>Chemistry - A European Journal</i> , 2012 , 18, 1969-83	4.8	49
307	Concise total synthesis and stereochemical analysis of tetraponerines T3 and T4. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10340-6	4.2	39
306	Enantioselective Synthesis of cis- and trans-2-Methyl-6-nonylpiperidines: Alkaloids Solenopsin and Isosolenopsin. <i>Heterocycles</i> , 2012 , 86, 727	0.8	18
305	Multicomponent Click Synthesis of Potentially Biologically Active Triazoles Catalysed by Copper Nanoparticles on Activated Carbon in Water. <i>Heterocycles</i> , 2012 , 84, 1033	0.8	43
304	Diastereoselective Coupling of N-(tert-Butyl)sulfinyl Imines and Dimethyl Malonate. Synthesis of Enantiomerically Enriched β -Amino Esters and β -Lactams. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1790-1798	2	18
303	Preparation, Hydrogen Bonds, and Catalytic Activity in Metal-Promoted Addition of Arylboronic Acids to Enones of a Rhodium Complex Containing an NHC Ligand with an Alcohol Function. <i>Organometallics</i> , 2012 , 31, 6154-6161	3.8	27
302	Selective Hydrosilylation of 1,3-Diynes Catalyzed by Titania-Supported Platinum. <i>Organometallics</i> , 2012 , 31, 2336-2342	3.8	39
301	Enantioselective synthesis of (+)-gossonorol and related systems using organozinc reagents. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 611-615		9
300	Catalytic enantioselective addition of organoaluminum reagents to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2012 , 23, 789-794		25
299	Solvent- and catalyst-free regioselective hydrophosphanation of alkenes. <i>Green Chemistry</i> , 2012 , 14, 2699	10	48
298	Heterogeneous Catalytic Homocoupling of Terminal Alkynes. <i>ACS Catalysis</i> , 2012 , 2, 1441-1451	13.1	81

297	Diastereoselective indium-mediated allylation of N-tert-butanesulfinyl ketimines: easy access to asymmetric quaternary stereocenters bearing nitrogen atoms. <i>Chemical Communications</i> , 2012 , 48, 2543-2548	5.8	60
296	Straightforward access to enantioenriched 2-allylpiperidine: application to the synthesis of alkaloids. <i>Journal of Organic Chemistry</i> , 2012 , 77, 780-4	4.2	42
295	Microwave-assisted solvent-free synthesis of enantiomerically pure N-(tert-butylsulfinyl)imines. <i>Journal of Organic Chemistry</i> , 2012 , 77, 5744-50	4.2	65
294	First practical cross-alkylation of primary alcohols with a new and recyclable impregnated iridium on magnetite catalyst. <i>Chemical Communications</i> , 2012 , 48, 7628-30	5.8	54
293	Chiral β -Amino Alcohols as Ligands for the Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation of N-Phosphinyl Ketimines. <i>Applied Sciences (Switzerland)</i> , 2012 , 2, 1-12	2.6	6
292	Impregnated Platinum on Magnetite as an Efficient, Fast, and Recyclable Catalyst for the Hydrosilylation of Alkynes. <i>ACS Catalysis</i> , 2012 , 2, 1070-1078	13.1	70
291	Three-Component Coupling of Aldehydes, Amines, and Alkynes Catalyzed by Oxidized Copper Nanoparticles on Titania. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3093-3104	3.2	120
290	HeckMatsuda Reactions Catalyzed by a Hydroxyalkyl-Functionalized NHC and Palladium Acetate. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3151-3156	3.2	29
289	Straightforward Synthesis of Aromatic Imines from Alcohols and Amines or Nitroarenes Using an Impregnated Copper Catalyst. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4548-4554	3.2	48
288	Catalytic Asymmetric Addition of Alkylolithium Reagents to Aromatic Aldehydes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3732-3736	3.2	26
287	Copper-Catalysed Multicomponent Click Synthesis of 5-Alkynyl 1,2,3-Triazoles under Ambient Conditions. <i>Synlett</i> , 2012 , 23, 2179-2182	2.2	54
286	Isoprene as Lithiation Mediator: Synthesis of 2-Substituted 1-Alkylimidazole Derivatives. <i>Synthesis</i> , 2012 , 44, 2630-2638	2.9	5
285	Focused Update on the Prins Reaction and the Prins Cyclization. <i>Current Organic Chemistry</i> , 2012 , 16, 1277-1312	1.7	116
284	Impregnated ruthenium on magnetite as a recyclable catalyst for the N-alkylation of amines, sulfonamides, sulfinamides, and nitroarenes using alcohols as electrophiles by a hydrogen autotransfer process. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5547-57	4.2	200
283	Multicomponent click synthesis of 1,2,3-triazoles from epoxides in water catalyzed by copper nanoparticles on activated carbon. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8394-405	4.2	146
282	Transition-metal-free O-, S-, and N-arylation of alcohols, thiols, amides, amines, and related heterocycles. <i>Journal of Organic Chemistry</i> , 2011 , 76, 654-60	4.2	142
281	On the nature of lithium biphenyl in ethereal solvents. A critical analysis unifying DFT calculations, physicochemical data in solution, and a X-ray structure. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 14610-14616	3.6	12
280	Catalytic enantioselective allylation of carbonyl compounds and imines. <i>Chemical Reviews</i> , 2011 , 111, 7774-854	68.1	547

- 279 Non-Deprotonating Methodologies for Organolithium Reagents Starting from Non-Halogenated Materials. Part 1: Carbon-Heteroatom Bond Cleavage. *Current Organic Chemistry*, **2011**, 15, 375-400 1.7 7
- 278 Non-Deprotonating Methodologies for Organolithium Reagents Starting from Non-Halogenated Materials. Part 2: Transmetallation and Addition to Multiple Bonds. *Current Organic Chemistry*, **2011**, 15, 2362-2389 1.7 7
- 277 Impregnated palladium on magnetite as catalyst for multicomponent reductive amination reactions and other related reducing processes. *Tetrahedron*, **2011**, 67, 8079-8085 2.4 44
- 276 Click chemistry from organic halides, diazonium salts and anilines in water catalysed by copper nanoparticles on activated carbon. *Organic and Biomolecular Chemistry*, **2011**, 9, 6385-95 3.9 137
- 275 Nickel nanoparticles in hydrogen transfer reactions. *Accounts of Chemical Research*, **2011**, 44, 379-91 24.3 263
- 274 Homocoupling of Terminal Alkynes Catalysed by Ultrafine Copper Nanoparticles on Titania. *European Journal of Organic Chemistry*, **2011**, 2011, 2524-2530 3.2 79
- 273 Concise Route to (–) and (+)-Aphanorphine. *European Journal of Organic Chemistry*, **2011**, 2011, 2230-2234 4.2 32
- 272 Synthesis of Perhydrofuro[2,3-b]furans from Isopentenyl Alcohol through Carbonyl-Ene and Wacker-Type Reactions. *European Journal of Organic Chemistry*, **2011**, 2011, 6459-6469 3.2 8
- 271 (NHC)Palladium Complexes from Hydroxy-Functionalized Imidazolium Salts as Catalyst for the Microwave-Accelerated Fluorine-Free Hiyama Reaction. *European Journal of Organic Chemistry*, **2011**, 2011, 7174-7181 3.2 33
- 270 Catalytic Enantioselective Addition of MeMgBr and Other Grignard Reagents to Aldehydes. *European Journal of Organic Chemistry*, **2011**, 2011, 6851-6855 3.2 37
- 269 Osmium NHC Complexes from Alcohol-Functionalized Imidazoles and Imidazolium Salts. *Organometallics*, **2011**, 30, 1658-1667 3.8 57
- 268 Hydrosilylation of alkynes catalysed by platinum on titania. *Journal of Organometallic Chemistry*, **2011**, 696, 368-372 2.3 45
- 267 N-Alkylation of poor nucleophilic amines and derivatives with alcohols by a hydrogen autotransfer process catalyzed by copper(II) acetate: scope and mechanistic considerations. *Tetrahedron*, **2011**, 67, 3140-3149 2.4 105
- 266 Impregnated palladium on magnetite, a new catalyst for the ligand-free cross-coupling Suzuki-Miyaura reaction. *Tetrahedron*, **2011**, 67, 5432-5436 2.4 67
- 265 Achiral β -amino alcohols as efficient ligands for the ruthenium-catalysed asymmetric transfer hydrogenation of sulfinylimines. *Tetrahedron Letters*, **2011**, 52, 789-791 2 26
- 264 Palladium(II) Acetate as Catalyst for the N-Alkylation of Aromatic Amines, Sulfonamides, and Related Nitrogenated Compounds with Alcohols by a Hydrogen Autotransfer Process. *Synthesis*, **2011**, 2011, 3730-3740 2.9 31
- 263 Unmodified Nano-Powder Magnetite or Iron(III) Oxide Catalyze the Easy and Fast Synthesis of 4-Substituted-4H-Pyrans. *Synlett*, **2011**, 2011, 2017-2020 2.2 4
- 262 Enantioselective alkylation of β -keto esters promoted by dimeric Cinchona-derived ammonium salts as recoverable organocatalysts. *Arkivoc*, **2011**, 2011, 116-127 0.9 5

261	Isoprene-Mediated Lithiation of 1-Alkylimidazoles: Chiral Induction of the Alkyl Substituent. <i>Letters in Organic Chemistry</i> , 2010 , 7, 373-376	0.6	2
260	Ultrasound-Promoted Formation of Isopentenyl Alcohol Dianion: Straightforward Synthesis of Perhydrofuro[2,3-b]furans. <i>Synthesis</i> , 2010 , 2010, 3013-3020	2.9	5
259	Stereoselective Synthesis of β -Methylene- β -butyrolactams from Ethyl 2-(Bromomethyl)acrylate and Chiral Sulfinyl Aldimines Mediated by Indium. <i>Heterocycles</i> , 2010 , 80, 125	0.8	13
258	Asymmetric synthesis of chiral primary amines by transfer hydrogenation of N-(tert-butanesulfinyl)ketimines. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5265-70	4.2	44
257	Stereoselective β -aminoallylation of aldehydes with chiral tert-butanesulfinamides and allyl bromides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6308-11	4.2	77
256	Impregnated copper on magnetite as recyclable catalyst for the addition of alkoxy diboron reagents to C-C double bonds. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3458-60	4.2	48
255	Impregnated copper on magnetite: an efficient and green catalyst for the multicomponent preparation of propargylamines under solvent free conditions. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 43-6	3.9	164
254	Metal complexes versus organocatalysts in asymmetric 1,3-dipolar cycloadditions. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 377-412	1.5	83
253	Hydrogen autotransfer in the N-alkylation of amines and related compounds using alcohols and amines as electrophiles. <i>Chemical Reviews</i> , 2010 , 110, 1611-41	68.1	967
252	Cyclopropylmethyl- and cyclobutylmethyl lithium by an arene-catalyzed lithiation. Stability and reactivity. <i>Tetrahedron</i> , 2010 , 66, 2928-2935	2.4	6
251	N-Alkylation of poor nucleophilic amine and sulfonamide derivatives with alcohols by a hydrogen autotransfer process catalyzed by copper(II) acetate. <i>Tetrahedron Letters</i> , 2010 , 51, 325-327	2	85
250	Efficiency in chemistry: from hydrogen autotransfer to multicomponent catalysis. <i>Molecular Diversity</i> , 2010 , 14, 411-24	3.1	46
249	Unsupported Copper Nanoparticles in the 1,3-Dipolar Cycloaddition of Terminal Alkynes and Azides. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 1875-1884	3.2	98
248	Reductive Ring-Opening of Phthalan and Isochroman: Application to the Stereoselective Synthesis of Tetrahydroisoquinolines and Tetrahydrobenzazepines. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2893-2903	3.2	19
247	Multicomponent Synthesis of 1,2,3-Triazoles in Water Catalyzed by Copper Nanoparticles on Activated Carbon. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 3208-3214	5.6	181
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