

Miguel Yus

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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 | Hydroamination: direct addition of amines to alkenes and alkynes. <i>Chemical Reviews</i> , 2008 , 108, 3795-8928 | 68.1 | 1634 |
| 385 | Asymmetric multicomponent reactions (AMCRs): the new frontier. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 1602-34 | 16.4 | 1454 |
| 384 | Transition-metal-catalyzed addition of heteroatom-hydrogen bonds to alkynes. <i>Chemical Reviews</i> , 2004 , 104, 3079-159 | 68.1 | 1402 |
| 383 | 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 |
| 382 | Metal-mediated reductive hydrodehalogenation of organic halides. <i>Chemical Reviews</i> , 2002 , 102, 4009-968 | 68.1 | 699 |
| 381 | Catalytic enantioselective allylation of carbonyl compounds and imines. <i>Chemical Reviews</i> , 2011 , 111, 7774-854 | 68.1 | 547 |
| 380 | Non-conventional methodologies for transition-metal catalysed carbon-carbon coupling: a critical overview. Part 2: The Suzuki reaction. <i>Tetrahedron</i> , 2008 , 64, 3047-3101 | 2.4 | 499 |
| 379 | Alcohols as electrophiles in C-C bond-forming reactions: the hydrogen autotransfer process. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2358-64 | 16.4 | 454 |
| 378 | Non-conventional methodologies for transition-metal catalysed carbon-carbon coupling: a critical overview. Part 1: The Heck reaction. <i>Tetrahedron</i> , 2005 , 61, 11771-11835 | 2.4 | 389 |
| 377 | 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 |
| 376 | Neue Entwicklungen in der asymmetrischen Mehrkomponenten-Reaktion. <i>Angewandte Chemie</i> , 2005 , 117, 1628-1661 | 3.6 | 352 |
| 375 | Desulfonylation reactions: Recent developments. <i>Tetrahedron</i> , 1999 , 55, 10547-10658 | 2.4 | 320 |
| 374 | Organocatalytic enantioselective multicomponent reactions (OEMCRs). <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 693-700 | | 305 |
| 373 | Metalated heterocycles and their applications in synthetic organic chemistry. <i>Chemical Reviews</i> , 2004 , 104, 2667-722 | 68.1 | 287 |
| 372 | Nickel nanoparticles in hydrogen transfer reactions. <i>Accounts of Chemical Research</i> , 2011 , 44, 379-91 | 24.3 | 263 |
| 371 | In the arena of enantioselective synthesis, titanium complexes wear the laurel wreath. <i>Chemical Reviews</i> , 2006 , 106, 2126-208 | 68.1 | 228 |
| 370 | Stereodivergent Catalysis. <i>Chemical Reviews</i> , 2018 , 118, 5080-5200 | 68.1 | 202 |

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| 369 | 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 |
| 368 | Easy Alkylation of ketones with alcohols through a hydrogen autotransfer process catalyzed by RuCl ₂ (DMSO) ₄ . <i>Tetrahedron</i> , 2006 , 62, 8988-9001 | 2.4 | 195 |
| 367 | 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 |
| 366 | Arene-catalysed lithiation reactions. <i>Chemical Society Reviews</i> , 1996 , 25, 155 | 58.5 | 173 |
| 365 | Chiral tertiary alcohols made by catalytic enantioselective addition of unreactive zinc reagents to poorly electrophilic ketones?. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 284-7 | 16.4 | 169 |
| 364 | Catalytic asymmetric transfer hydrogenation of ketones: recent advances. <i>Tetrahedron: Asymmetry</i> , 2015 , 26, 769-790 | | 166 |
| 363 | 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 |
| 362 | 1,3-Dipolar cycloadditions of azomethine imines. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8596-6363 | 9 | 162 |
| 361 | [Ru(DMSO) ₄]Cl ₂ catalyzes the Alkylation of ketones by alcohols. <i>Tetrahedron Letters</i> , 2005 , 46, 3683-3686 | | 160 |
| 360 | Transition-metal-catalyzed synthesis of hydroxylated arenes. <i>Chemistry - A European Journal</i> , 2010 , 16, 5274-84 | 4.8 | 157 |
| 359 | Enantioselective Synthesis of Oxygen-, Nitrogen- and Halogen-Substituted Quaternary Carbon Centers. <i>Current Organic Chemistry</i> , 2004 , 8, 149-183 | 1.7 | 148 |
| 358 | RuCl ₂ (DMSO) ₄ catalyzes the Alkylation of secondary alcohols with primary alcohols through a hydrogen autotransfer process. <i>Tetrahedron</i> , 2006 , 62, 8982-8987 | 2.4 | 147 |
| 357 | 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 |
| 356 | C-C-Kupplungen mit Alkoholen als Elektrophilen: der Wasserstoff-Autotransfer. <i>Angewandte Chemie</i> , 2007 , 119, 2410-2416 | 3.6 | 143 |
| 355 | 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 |
| 354 | Click chemistry from organic halides, diazonium salts and anilines in water catalysed by copper nanoparticles on activated carbon. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6385-95 | 3.9 | 137 |
| 353 | Selective N-monoalkylation of aromatic amines with benzylic alcohols by a hydrogen autotransfer process catalyzed by unmodified magnetite. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2176-81 | 3.9 | 136 |
| 352 | First enantioselective addition of dialkylzinc to ketones promoted by titanium(IV) derivatives. <i>Tetrahedron Letters</i> , 1998 , 39, 1239-1242 | 2 | 129 |

- 351 Arene-catalysed lithiation reactions with lithium at low temperature. *Journal of the Chemical Society Chemical Communications*, **1991**, 398-400 126
- 350 Three-Component Coupling of Aldehydes, Amines, and Alkynes Catalyzed by Oxidized Copper Nanoparticles on Titania. *European Journal of Organic Chemistry*, **2012**, 2012, 3093-3104 3.2 120
- 349 Osmium Catalyst for the Borrowing Hydrogen Methodology: α -Alkylation of Arylacetonitriles and Methyl Ketones. *ACS Catalysis*, **2013**, 3, 2072-2075 13.1 117
- 348 Focused Update on the Prins Reaction and the Prins Cyclization. *Current Organic Chemistry*, **2012**, 16, 1277-1312 1.7 116
- 347 Recent synthetic uses of functionalised aromatic and heteroaromatic organolithium reagents prepared by non-deprotonating methods. *Tetrahedron*, **2003**, 59, 9255-9303 2.4 116
- 346 New Methodologies Based on Arene-Catalyzed Lithiation Reactions and Their Application to Synthetic Organic Chemistry. *European Journal of Organic Chemistry*, **2000**, 2000, 225-237 3.2 113
- 345 Transition-metal-free indirect friedlander synthesis of quinolines from alcohols. *Journal of Organic Chemistry*, **2008**, 73, 9778-80 4.2 107
- 344 Copper nanoparticles in click chemistry: an alternative catalytic system for the cycloaddition of terminal alkynes and azides. *Tetrahedron Letters*, **2009**, 50, 2358-2362 2 105
- 343 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
- 342 Metal-catalyzed regiodivergent organic reactions. *Chemical Society Reviews*, **2019**, 48, 4515-4618 58.5 102
- 341 First enantioselective addition of diethylzinc and dimethylzinc to prostereogenic ketones catalysed by camphorsulfonamide-titanium alkoxide derivatives. *Tetrahedron*, **1998**, 54, 5651-5666 2.4 101
- 340 Unsupported Copper Nanoparticles in the 1,3-Dipolar Cycloaddition of Terminal Alkynes and Azides. *European Journal of Organic Chemistry*, **2010**, 2010, 1875-1884 3.2 98
- 339 Reductive deprotection of allyl, benzyl and sulfonyl substituted alcohols, amines and amides using a naphthalene-catalysed lithiation. *Tetrahedron*, **1997**, 53, 14355-14368 2.4 97
- 338 Nickel nanoparticles in hydrogen-transfer reductions: Characterisation and nature of the catalyst. *Applied Catalysis A: General*, **2010**, 378, 42-51 5.1 92
- 337 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. *Tetrahedron*, **2012**, 68, 1393-1400 2.4 91
- 336 RuCl₂(dmsO)₄ Catalyzes the Solvent-Free Indirect Friedländer Synthesis of Polysubstituted Quinolines from Alcohols. *European Journal of Organic Chemistry*, **2007**, 2007, 1599-1605 3.2 91
- 335 Alcohols for the α -Alkylation of Methyl Ketones and Indirect Aza-Wittig Reaction Promoted by Nickel Nanoparticles. *European Journal of Organic Chemistry*, **2008**, 2008, 4908-4914 3.2 87
- 334 N-Alkylation of poor nucleophilic amine and sulfonamide derivatives with alcohols by a hydrogen autotransfer process catalyzed by copper(II) acetate. *Tetrahedron Letters*, **2010**, 51, 325-327 2 85

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| 333 | Hydrogen-transfer reduction of carbonyl compounds promoted by nickel nanoparticles. <i>Tetrahedron</i> , 2008 , 64, 1847-1852 | 2.4 | 85 |
| 332 | trans-1-Sulfonylamino-2-isoborneolsulfonylaminocyclohexane derivatives: excellent chiral ligands for the catalytic enantioselective addition of organozinc reagents to ketones. <i>Chemistry - A European Journal</i> , 2006 , 12, 4431-45 | 4.8 | 85 |
| 331 | Highly enantioselective arylation of ketones. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 1955-1957 | | 85 |
| 330 | Highly selective hydrogenation of multiple carbon-carbon bonds promoted by nickel(0) nanoparticles. <i>Tetrahedron</i> , 2007 , 63, 93-102 | 2.4 | 84 |
| 329 | Highly Stereoselective Semihydrogenation of Alkynes Promoted by Nickel(0) Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 305-308 | 5.6 | 84 |
| 328 | Conjugated Ynones in Organic Synthesis. <i>Chemical Reviews</i> , 2019 , 119, 11110-11244 | 68.1 | 83 |
| 327 | 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 |
| 326 | On the mechanism of arene-catalyzed lithiation: the role of arene dianions--naphthalene radical anion versus naphthalene dianion. <i>Chemistry - A European Journal</i> , 2002 , 8, 2574-84 | 4.8 | 83 |
| 325 | Heterogeneous Catalytic Homocoupling of Terminal Alkynes. <i>ACS Catalysis</i> , 2012 , 2, 1441-1451 | 13.1 | 81 |
| 324 | Homocoupling of Terminal Alkynes Catalysed by Ultrafine Copper Nanoparticles on Titania. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 2524-2530 | 3.2 | 79 |
| 323 | Simple Synthesis of 5-Substituted Resorcinols: A Revisited Family of Interesting Bioactive Molecules. <i>Journal of Organic Chemistry</i> , 1997 , 62, 417-421 | 4.2 | 79 |
| 322 | From Arene-Catalyzed Lithiation to Other Synthetic Adventures. <i>Synlett</i> , 2001 , 2001, 1197-1205 | 2.2 | 78 |
| 321 | Stereoselective α -aminoallylation of aldehydes with chiral tert-butanesulfinamides and allyl bromides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 6308-11 | 4.2 | 77 |
| 320 | Chirale tertiäre Alkohole durch katalytische enantioselective Addition von unreaktiven Zinkreagentien an schwach elektrophile Ketone?. <i>Angewandte Chemie</i> , 2004 , 116, 286-289 | 3.6 | 73 |
| 319 | Indium-mediated diastereoselective addition of allyl bromides to enantiomerically pure N-tert-butylsulfinyl aldimines. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 3823-3825 | | 73 |
| 318 | 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 |
| 317 | Functionalized Organolithium Compounds: New Synthetic Adventures. <i>Current Organic Chemistry</i> , 2003 , 7, 867-926 | 1.7 | 70 |
| 316 | Impregnated palladium on magnetite, a new catalyst for the ligand-free cross-coupling Suzuki-Miyaura reaction. <i>Tetrahedron</i> , 2011 , 67, 5432-5436 | 2.4 | 67 |

- 315 Polymer supported naphthalene-catalysed lithiation reactions. *Tetrahedron Letters*, **1998**, 39, 1397-1400 66
- 314 Catalyst-free multicomponent Strecker reaction in acetonitrile. *Tetrahedron Letters*, **2005**, 46, 8471-8474 66
- 313 Microwave-assisted solvent-free synthesis of enantiomerically pure N-(tert-butylsulfinyl)imines. *Journal of Organic Chemistry*, **2012**, 77, 5744-50 4.2 65
- 312 Alkenes as azido precursors for the one-pot synthesis of 1,2,3-triazoles catalyzed by copper nanoparticles on activated carbon. *Journal of Organic Chemistry*, **2013**, 78, 5031-7 4.2 65
- 311 Synthesis of new C2-symmetrical bis(hydroxycamphorsulfonamide) ligands and their application in the enantioselective addition of dialkylzinc reagents to aldehydes and ketones. *Tetrahedron: Asymmetry*, **2003**, 14, 1103-1114 65
- 310 Functionalized organolithium compounds in total synthesis. *Tetrahedron*, **2005**, 61, 3139-3176 2.4 65
- 309 Synthesis of indolizines and heterocyclic chalcones catalyzed by supported copper nanoparticles. *Chemistry - A European Journal*, **2013**, 19, 5242-5 4.8 64
- 308 On the mechanism of the naphthalene-catalysed lithiation: the role of the naphthalene dianion. *Tetrahedron Letters*, **2001**, 42, 3455-3458 2 63
- 307 Camphorsulfonamide derivatives: a new class of chiral catalysts for the titanium alkoxide-promoted addition of dialkylzinc to aldehydes. *Tetrahedron: Asymmetry*, **1997**, 8, 2479-2496 62
- 306 Diastereoselective indium-mediated allylation of N-tert-butanesulfinyl ketimines: easy access to asymmetric quaternary stereocenters bearing nitrogen atoms. *Chemical Communications*, **2012**, 48, 2543-5 5.8 60
- 305 Osmium NHC Complexes from Alcohol-Functionalized Imidazoles and Imidazolium Salts. *Organometallics*, **2011**, 30, 1658-1667 3.8 57
- 304 Hydrogen-transfer reduction of carbonyl compounds catalysed by nickel nanoparticles. *Tetrahedron Letters*, **2008**, 49, 1939-1942 2 57
- 303 Wittig-Type Olefination of Alcohols Promoted by Nickel Nanoparticles: Synthesis of Polymethoxylated and Polyhydroxylated Stilbenes. *European Journal of Organic Chemistry*, **2009**, 2009, 6034-6042 3.2 56
- 302 Transfer hydrogenation of olefins catalysed by nickel nanoparticles. *Tetrahedron*, **2009**, 65, 10637-10643 2.4 56
- 301 1,2-Di(lithiomethyl)benzene from phthalan: Sequential introduction of two different electrophiles. *Tetrahedron*, **1995**, 51, 3351-3364 2.4 56
- 300 First practical cross-alkylation of primary alcohols with a new and recyclable impregnated iridium on magnetite catalyst. *Chemical Communications*, **2012**, 48, 7628-30 5.8 54
- 299 Stereoselective synthesis of azetidines and pyrrolidines from N-tert-butylsulfonyl(2-aminoalkyl)oxiranes. *Journal of Organic Chemistry*, **2009**, 74, 7859-65 4.2 54
- 298 Copper-Catalysed Multicomponent Click Synthesis of 5-Alkynyl 1,2,3-Triazoles under Ambient Conditions. *Synlett*, **2012**, 23, 2179-2182 2.2 54

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| 297 | Highly enantioselective addition of dialkylzinc reagents to ketones promoted by titanium tetraisopropoxide. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 2291-2293 | | 54 |
| 296 | Polymer supported arene-catalysed lithiation reactions. <i>Tetrahedron</i> , 1999 , 55, 7017-7026 | 2.4 | 54 |
| 295 | N,2-Dilithioalkylamines from Aziridines by Naphthalene-Catalyzed Reductive Opening. Synthetic Applications. <i>Journal of Organic Chemistry</i> , 1994 , 59, 3210-3215 | 4.2 | 54 |
| 294 | The NiCl ₂ -Li-arene(cat.) combination: a versatile reducing mixture. <i>Chemical Society Reviews</i> , 2004 , 33, 284-93 | 58.5 | 53 |
| 293 | Ruthenium-catalysed asymmetric transfer hydrogenation of N-(tert-butanesulfinyl)imines. <i>Tetrahedron Letters</i> , 2009 , 50, 5386-5388 | 2 | 52 |
| 292 | Synthesis of highly enantiomerically enriched amines by the diastereoselective addition of triorganozincates to N-(tert-butanesulfinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 2484-2491 | | 52 |
| 291 | Catalytic Asymmetric Transfer Hydrogenation of Imines: Recent Advances. <i>Chemical Record</i> , 2015 , 15, 907-24 | 6.6 | 51 |
| 290 | Solvent-free direct regioselective ring opening of epoxides with imidazoles. <i>Tetrahedron</i> , 2007 , 63, 469-473 | | 51 |
| 289 | Naphthalene-catalysed reductive opening of aziridines with lithium: A direct preparation of n-lithio-2-lithioalkylamines. <i>Tetrahedron Letters</i> , 1993 , 34, 1649-1652 | 2 | 51 |
| 288 | Platinum nanoparticles supported on titania as an efficient hydrogen-transfer catalyst. <i>Journal of Catalysis</i> , 2008 , 260, 113-118 | 7.3 | 50 |
| 287 | 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 |
| 286 | Camphordisulfonamides: good chiral ligands for the addition of dialkylzinc to aliphatic aldehydes. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 1629-1644 | | 49 |
| 285 | 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 |
| 284 | Solvent- and catalyst-free regioselective hydrophosphanation of alkenes. <i>Green Chemistry</i> , 2012 , 14, 2699 | 10 | 48 |
| 283 | 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 |
| 282 | 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 |
| 281 | Free radical reactions of organomercurials. <i>Chemical Reviews</i> , 1988 , 88, 487-509 | 68.1 | 48 |
| 280 | 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 |

- 279 Functionalised organolithium compounds by sulfur-lithium exchange. *Chemical Society Reviews*, **2008**, 37, 2620-33 58.5 47
- 278 Ring opening of heterocycles by an arene-catalyzed lithiation. *Pure and Applied Chemistry*, **2003**, 75, 1453-1475 47
- 277 Reduction of Hydrazines, Azo and Azoxy Compounds, and Amine N-Oxides with the NiCl₂·2H₂O/DTBB (cat.) Combination. *Tetrahedron*, **2000**, 56, 8673-8678 2.4 47
- 276 ACYL MAIN GROUP METAL AND METALLOID DERIVATIVES IN ORGANIC SYNTHESIS. A REVIEW. *Organic Preparations and Procedures International*, **1995**, 27, 383-456 1.1 47
- 275 Efficiency in chemistry: from hydrogen autotransfer to multicomponent catalysis. *Molecular Diversity*, **2010**, 14, 411-24 3.1 46
- 274 Frontalin: Synthesis using the Catalytic Enantioselective Addition of Dimethylzinc to a Ketone. *European Journal of Organic Chemistry*, **2003**, 2003, 2745-2748 3.2 46
- 273 Hydrosilylation of alkynes catalysed by platinum on titania. *Journal of Organometallic Chemistry*, **2011**, 696, 368-372 2.3 45
- 272 Hydrogen-Transfer Reductive Amination of Aldehydes Catalysed by Nickel Nanoparticles. *Synlett*, **2008**, 2008, 1289-1292 2.2 45
- 271 Impregnated palladium on magnetite as catalyst for multicomponent reductive amination reactions and other related reducing processes. *Tetrahedron*, **2011**, 67, 8079-8085 2.4 44
- 270 Asymmetric synthesis of chiral primary amines by transfer hydrogenation of N-(tert-butesulfinyl)ketimines. *Journal of Organic Chemistry*, **2010**, 75, 5265-70 4.2 44
- 269 Reduction of polycyclic aromatic hydrocarbons promoted by cobalt or manganese nanoparticles. *Tetrahedron*, **2010**, 66, 4318-4325 2.4 44
- 268 New routes to Cu(I)/Cu nanocatalysts for the multicomponent click synthesis of 1,2,3-triazoles. *Nanoscale*, **2013**, 5, 342-50 7.7 43
- 267 Multicomponent Click Synthesis of Potentially Biologically Active Triazoles Catalysed by Copper Nanoparticles on Activated Carbon in Water. *Heterocycles*, **2012**, 84, 1033 0.8 43
- 266 DTBB-Catalysed dilithiation of styrene and its methyl-derivatives: introduction of two electrophilic reagents. *Tetrahedron*, **2001**, 57, 10119-10124 2.4 43
- 265 An Acyl-NHC Osmium Cooperative System: Coordination of Small Molecules and Heterolytic B-H and O-H Bond Activation. *Organometallics*, **2015**, 34, 3902-3908 3.8 42
- 264 Straightforward access to enantioenriched 2-allylpiperidine: application to the synthesis of alkaloids. *Journal of Organic Chemistry*, **2012**, 77, 780-4 4.2 42
- 263 Unmodified Nano-Powder Magnetite Catalyzes a Four-Component Aza-Sakurai Reaction. *Advanced Synthesis and Catalysis*, **2008**, 350, 1235-1240 5.6 41
- 262 The NiCl₂-Li-Arene (cat.) Combination as Reducing System, Part 9: Catalytic Hydrogenation of Organic Compounds using the NiCl₂-Li-(Naphthalene or Polymer-Supported Naphthalene) (cat.) Combination. *Advanced Synthesis and Catalysis*, **2003**, 345, 275-279 5.6 41

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| 261 | Triorganozincates as efficient nucleophiles for the diastereoselective addition to N-(tert-butanesulfinyl)imines. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 603-606 | | 40 |
| 260 | Indium-Promoted Preparation of alpha-Methylene-gamma-butyrolactams from 2-(Bromomethyl)acrylic Acid and Aldimines. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3376-3378 | 4.2 | 40 |
| 259 | 4,4'-Di-tert-butylbiphenyl-catalysed reductive opening of azetidines with lithium: A direct preparation of 3,N-dilithioalkylamines. <i>Tetrahedron</i> , 1994 , 50, 5775-5782 | 2.4 | 40 |
| 258 | Concise total synthesis and stereochemical analysis of tetraponerines T3 and T4. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10340-6 | 4.2 | 39 |
| 257 | Selective Hydrosilylation of 1,3-Diynes Catalyzed by Titania-Supported Platinum. <i>Organometallics</i> , 2012 , 31, 2336-2342 | 3.8 | 39 |
| 256 | 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 |
| 255 | Tandem enantioselective conjugate addition-Mannich reactions: efficient multicomponent assembly of dialkylzincs, cyclic enones and chiral N-sulfinimines. <i>Tetrahedron Letters</i> , 2008 , 49, 2343-2347 | | 39 |
| 254 | Structural modification of carbohydrates via functionalised organolithium intermediates: EPC preparation of branched-chain functionalised sugars. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 493-517 | | 39 |
| 253 | The Hiyama Cross-Coupling Reaction: New Discoveries. <i>Chemical Record</i> , 2016 , 16, 2521-2533 | 6.6 | 38 |
| 252 | Chiral tertiary alcohols from a trans-1-arenesulfonyl-amino-2-isoborneolsulfonylaminocyclohexane-catalyzed addition of organozincs to ketones. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 3341-3344 | | 38 |
| 251 | Catalytic Enantioselective Addition of MeMgBr and Other Grignard Reagents to Aldehydes. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6851-6855 | 3.2 | 37 |
| 250 | Organolithium reagents from alkyl phenyl ethers. <i>Tetrahedron Letters</i> , 1998 , 39, 7759-7762 | 2 | 37 |
| 249 | Synthesis of C2-symmetrical bis(1,2-hydroxy sulfonamide) ligands and application in the enantioselective addition of dialkylzinc to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 1573-1579 | | 37 |
| 248 | A New Straightforward and Mild Preparation of Nickel(0) Nanoparticles. <i>Chemistry Letters</i> , 2005 , 34, 1262-1263 | 1.7 | 37 |
| 247 | Naphthalene-catalysed Lithiation of Chlorinated Nitrogenated Aromatic Heterocycles and Reaction with Electrophiles. <i>Tetrahedron</i> , 2000 , 56, 4043-4052 | 2.4 | 37 |
| 246 | Lithium 2-(2-lithiomethylphenyl)ethanolate from isochroman: Easy preparation of substituted benzoxepines and functionalised arenes. <i>Tetrahedron</i> , 1995 , 51, 3365-3374 | 2.4 | 37 |
| 245 | 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 |
| 244 | New synthetic methodologies based on active transition metals. <i>Pure and Applied Chemistry</i> , 2008 , 80, 1005-1012 | 2.1 | 35 |

- 243 Synthesis of β - δ and δ -lactams by asymmetric transfer hydrogenation of N-(tert-butylsulfinyl)iminoesters. *Journal of Organic Chemistry*, **2013**, 78, 3647-54 4.2 34
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