

Habib Firouzabadi

List of Publications by Year in descending order

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193
papers

6,951
citations

47006

47
h-index

98798

67
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228
all docs

228
docs citations

228
times ranked

4524
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimer-encapsulated Cu(I) nanoparticles immobilized on superparamagnetic Fe ₃ O ₄ @SiO ₂ nanoparticles as a novel recyclable catalyst for N-arylation of nitrogen heterocycles and green synthesis of 5-substituted 1H-tetrazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4300.	3.5	45
2	TiCl ₂ (OTf)-SiO ₂ : A solid stable lewis acid catalyst for Michael addition of α -Aminophosphonates, Amines, Indoles and Pyrrole. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 317-323.	1.6	2
3	Theophylline Supported on Modified Silica-Coated Magnetite Nanoparticles as a Novel, Efficient, Reusable Catalyst in Green One-Pot Synthesis of Spirooxindoles and Phenazines. <i>ChemistrySelect</i> , 2018, 3, 9236-9248.	1.5	23
4	N-heterocyclic carbene-Pd(II) complex based on theophylline supported on Fe ₃ O ₄ @SiO ₂ nanoparticles: Highly active, durable and magnetically separable catalyst for green Suzuki-Miyaura and Sonogashira-Hagihara coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2018, 873, 22-34.	1.8	53
5	Tandem oxidation-Wittig reaction using nanocrystalline barium manganate (BaMnO ₄); an improved one-pot protocol. <i>Tetrahedron Letters</i> , 2016, 57, 3773-3775.	1.4	9
6	Triphenylphosphine/2,3-dichloro-5,6-dicyanobenzoquinone (PPh ₃ /DDQ) System for Conversion of Alcohols and Thiols into Trialkyl Phosphonates. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1289-1293.	2.7	6
7	One-pot odorless thia-Michael reaction by copper ferrite nanoparticle-catalyzed reaction of elemental sulfur, aryl halides and electron-deficient alkenes. <i>New Journal of Chemistry</i> , 2015, 39, 5953-5959.	2.8	17
8	Phosphine-free NiBr ₂ -catalyzed synthesis of unsymmetrical diaryl ketones via carbonylative cross-coupling of aryl iodides with Ph ₃ SnX (X=Cl, OEt). <i>Journal of Organometallic Chemistry</i> , 2015, 794, 282-287.	1.8	15
9	A copper acetate/2-aminobenzenthio complex supported on magnetite/silica nanoparticles as a highly active and recyclable catalyst for 1,2,3-triazole synthesis. <i>RSC Advances</i> , 2015, 5, 107474-107481.	3.6	27
10	A Green Approach for Copper-Free Sonogashira Reaction of Aryl Halides with Phenylacetylene in the Presence of Nano-Pd/Phosphorylated Silica (SDPP/PdO). <i>Australian Journal of Chemistry</i> , 2015, 68, 926.	0.9	2
11	A novel nickel-catalyzed synthesis of thioesters, esters and amides from aryl iodides in the presence of chromium hexacarbonyl. <i>New Journal of Chemistry</i> , 2015, 39, 6445-6452.	2.8	45
12	Dithioamide as an Effective Sulfur Surrogate for Odorless High-Yielding Carbon-Sulfur Bond Formation in Wet PEG200 as an Eco-Friendly, Safe, and Recoverable Solvent. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2914-2920.	2.4	22
13	Palladium-catalysed reductive carbonylation of aryl halides with iron pentacarbonyl for synthesis of aromatic aldehydes and deuterated aldehydes. <i>Applied Organometallic Chemistry</i> , 2015, 29, 719-724.	3.5	25
14	4,4'-Azopyridine as an easily prepared and recyclable oxidant for synthesis of symmetrical disulfides from thiols or alkyl halides(tosylates)/thiourea. <i>Journal of Sulfur Chemistry</i> , 2015, 36, 544-555.	2.0	10
15	Sulfonic acid-functionalized magnetic nanoparticles as a recyclable and eco-friendly catalyst for atom economical Michael addition reactions and bis indolyl methane synthesis. <i>RSC Advances</i> , 2015, 5, 3023-3030.	3.6	32
16	Diphenylphosphorylated PEG (DPPPEG) as a new support for generation of nano-Pd(0) as catalyst for carbon-carbon bond formation via copper-free Sonogashira and homocoupling reactions of aryl halides in PEG. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 155-165.	2.2	2
17	1,3,2,4-Diazadiphosphetidine-based phosphazane oligomers as source of P(III) atom economy reagents: Conversion of epoxides to vic-haloalcohols, vic-dihalides, and alkenes in the presence of halogen sources. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1165-1173.	1.6	3
18	One-pot synthesis of aryl alkyl thioethers and diaryl disulfides using carbon disulfide as a sulfur surrogate in the presence of diethylamine catalyzed by copper(I) iodide in polyethylene glycol (PEG200). <i>Tetrahedron Letters</i> , 2014, 55, 1212-1217.	1.4	57

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19	First reusable ligand-free palladium catalyzed C–P bond formation of aryl halides with trialkylphosphites in neat water. <i>RSC Advances</i> , 2014, 4, 55732-55737.	3.6	25
20	Palladium nanoparticles supported on agarose-functionalized magnetic nanoparticles of Fe ₃ O ₄ as a recyclable catalyst for C–C bond formation via Suzuki–Miyaura, Heck–Mizoroki and Sonogashira–Hagihara coupling reactions. <i>RSC Advances</i> , 2014, 4, 17060-17070.	3.6	65
21	WCl ₆ /DMF as a new reagent system for the phosphine-free Pd(0)-catalyzed aminocarbonylation of aryl halides. <i>RSC Advances</i> , 2014, 4, 43178-43182.	3.6	24
22	Design and synthesis of a new phosphinite-functionalized clay composite for the stabilization of palladium nanoparticles. Application as a recoverable catalyst for C–C bond formation reactions. <i>RSC Advances</i> , 2014, 4, 27674-27682.	3.6	23
23	Phosphorylated PEG (PPEG) as a new support for generation of nano-Pd(0): application to the Heck–Mizoroki and Suzuki–Miyaura coupling reactions. <i>Applied Organometallic Chemistry</i> , 2013, 27, 451-458.	3.5	12
24	Palladium nanoparticles supported on silica diphenylphosphinite as efficient catalyst for C–O and C–S arylation of aryl halides. <i>Applied Organometallic Chemistry</i> , 2013, 27, 501-506.	3.5	34
25	In situ generated Ph ₃ P(OAc) ₂ as a novel reagent for the efficient acetylation of alcohols and thiols at room temperature. <i>Tetrahedron Letters</i> , 2013, 54, 1813-1816.	1.4	26
26	Copper(I) iodide catalyzes odorless thioarylation of phenolic esters with alkyl derivatives using thiourea in wet polyethylene glycol (PEG 200). <i>Journal of Molecular Catalysis A</i> , 2013, 377, 190-196.	4.8	44
27	Heteroaromatic azo compounds as efficient and recyclable reagents for direct conversion of aliphatic alcohols into symmetrical disulfides. <i>Tetrahedron Letters</i> , 2012, 53, 6913-6915.	1.4	12
28	Palladium nanoparticles supported on silicadiphenyl phosphinite (SDPP) as efficient catalyst for Mizoroki–Heck and Suzuki–Miyaura coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2012, 708-709, 118-124.	1.8	57
29	2,2'-Azobenzothiazole as a New Recyclable Oxidant for Heterogeneous Thiocyanation of Aromatic Compounds with Ammonium Thiocyanate. <i>Synthetic Communications</i> , 2012, 42, 2040-2047.	2.1	14
30	A Functionalized High-Surface-Energy Ammonium-Based Ionic Liquid: Experimental Measurement of Viscosity, Density, and Surface Tension of (2-Hydroxyethyl)ammonium Formate. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2095-2101.	1.9	47
31	Palladium nanoparticles supported on SiO ₂ by chemical vapor deposition (CVD) technique as efficient catalyst for Suzuki–Miyaura coupling of aryl bromides and iodides: selective coupling of halophenols. <i>Applied Organometallic Chemistry</i> , 2012, 26, 417-424.	3.5	26
32	Silicadiphenyl phosphinite (SDPP)/Pd(0) nanocatalyst for efficient aminocarbonylation of aryl halides with POCl ₃ and DMF. <i>Journal of Molecular Catalysis A</i> , 2012, 355, 69-74.	4.8	24
33	Palladium nano-particles supported on agarose as efficient catalyst and bioorganic ligand for CC bond formation via solventless Mizoroki–Heck reaction and Sonogashira–Hagihara reaction in polyethylene glycol (PEG 400). <i>Journal of Molecular Catalysis A</i> , 2012, 357, 154-161.	4.8	89
34	Carboxylate-Based, Room-Temperature Ionic Liquids as Efficient Media for Palladium-Catalyzed Homocoupling and Sonogashira–Hagihara Reactions of Aryl Halides. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 305-311.	2.4	37
35	The First Mitsunobu Protocol for Efficient Synthesis of α -Acylphosphonates Using 4-Azopyridine. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2166-2171.	1.6	8
36	Agarose hydrogel as an effective bioorganic ligand and support for the stabilization of palladium nanoparticles. Application as a recyclable catalyst for Suzuki–Miyaura reaction in aqueous media. <i>RSC Advances</i> , 2011, 1, 1013.	3.6	48

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37	Gelatin as a bioorganic reductant, ligand and support for palladium nanoparticles. Application as a catalyst for ligand- and amine-free Sonogashira–Hagihara reaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 865-871.	2.8	53
38	Palladium Nanoparticles Supported on Aminopropyl-Functionalized Clay as Efficient Catalysts for Phosphine-Free C–C Bond Formation via Mizoroki–Heck and Suzuki–Miyaura Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 100-109.	3.2	42
39	Solvent-free Mizoroki–Heck reaction catalyzed by palladium nano-particles deposited on gelatin as the reductant, ligand and the non-toxic and degradable natural product support. <i>Journal of Molecular Catalysis A</i> , 2011, 347, 38-45.	4.8	51
40	Carbon–carbon bond formation via homocoupling reaction of substrates with a broad diversity in water using Pd(OAc) ₂ and agarose hydrogel as a bioorganic ligand, support and reductant. <i>Journal of Molecular Catalysis A</i> , 2011, 348, 94-99.	4.8	26
41	Magnetite (Fe ₃ O ₄) Nanoparticles–Catalyzed Sonogashira–Hagihara Reactions in Ethylene Glycol under Ligand-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 125-132.	4.3	135
42	1,3,2,4-Diazadiphosphetidines as Ligand and Base for Palladium-Catalyzed Suzuki–Miyaura, Sonogashira–Hagihara, and Homocoupling Reactions of Aryl Halides under Heterogeneous Conditions in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 1367-1373.	3.2	19
43	New Heteroaromatic Azo Compounds Based on Pyridine, Isoxazole, and Benzothiazole for Efficient and Highly Selective Amidation and Mono-N-Benylation of Amines under Mitsunobu Conditions. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 923-934.	3.2	12
44	5,5-Dimethyl-3,3-azoisoxazole as a new heterogeneous azo reagent for esterification of phenols and selective esterification of benzylic alcohols under Mitsunobu conditions. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4436.	2.8	45
45	One-Pot Thioetherification of Aryl Halides Using Thiourea and Alkyl Bromides Catalyzed by Copper(I) Iodide Free from Foul-Smelling Thiols in Wet Polyethylene Glycol (PEG 200). <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 119-124.	4.3	132
46	Diphenylphosphinite ionic liquid (IL-OPPh ₂): A solvent and ligand for palladium-catalyzed silylation and dehalogenation reaction of aryl halides with triethylsilane. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 887-890.	1.8	53
47	2-Aminophenyl diphenylphosphinite as an easily accessible ligand for heterogeneous palladium-catalyzed Suzuki–Miyaura reaction in water in the absence of any organic co-solvent. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2093-2097.	1.8	39
48	Recyclable palladium-catalyzed Sonogashira–Hagihara coupling of aryl halides using 2-aminophenyl diphenylphosphinite ligand in neat water under copper-free condition. <i>Journal of Molecular Catalysis A</i> , 2010, 321, 110-116.	4.8	60
49	1,3,2,4-Diazadiphosphetidines as new P–N ligands for palladium-catalyzed Heck reaction in water. <i>Tetrahedron</i> , 2010, 66, 2415-2421.	1.9	73
50	A one-pot, efficient, and odorless synthesis of symmetrical disulfides using organic halides and thiourea in the presence of manganese dioxide and wet polyethylene glycol (PEG-200). <i>Tetrahedron Letters</i> , 2010, 51, 508-509.	1.4	45
51	A new application for diethyl azodicarboxylate: efficient and regioselective thiocyanation of aromatic amines. <i>Tetrahedron Letters</i> , 2010, 51, 3508-3510.	1.4	46
52	Distinct Catalytic Effect of Micellar Solution of Sodium Dodecyl Sulfate (SDS) for One-Pot Conversion of Alkyl Halides to Disulfides via an Odourless Process Using Thiourea and MnO ₂ . <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 698-702.	3.2	17
53	Pronounced Catalytic Effect of a Micellar Solution of Sodium Dodecyl Sulfate (SDS) on the Efficient C–S Bond Formation via an Odorless Thia–Michael Addition Reaction through the in situ Generation of S–Alkylisothiuronium Salts. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 755-766.	4.3	62
54	Highly Efficient Halogenation of Organic Compounds with Halides Catalyzed by Cerium(III) Chloride Heptahydrate Using Hydrogen Peroxide as the Terminal Oxidant in Water. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1925-1932.	4.3	35

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55	A facile generation of C–S bonds via one-pot, odourless and efficient thia-Michael addition reactions using alkyl, aryl or allyl halides, thiourea and electron-deficient alkenes in wet polyethylene glycol (PEG 200) under mild reaction conditions. <i>Tetrahedron</i> , 2009, 65, 5293-5301.	1.9	48
56	2-Aminophenyl diphenylphosphinite as a new ligand for heterogeneous palladium-catalyzed Heck–Mizoroki reactions in water in the absence of any organic co-solvent. <i>Tetrahedron</i> , 2009, 65, 7079-7084.	1.9	75
57	Selective mono- and di-N-alkylation of aromatic amines with alcohols and acylation of aromatic amines using Ph ₃ P/DDQ. <i>Tetrahedron</i> , 2009, 65, 3893-3899.	1.9	41
58	Highly efficient chemo- and regioselective silylation of –OH groups and cyanosilylation of aldehydes promoted by TiCl ₂ (OTf)–SiO ₂ as a new recyclable catalyst. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3923-3928.	1.8	14
59	Design and one-pot synthesis of β -aminophosphonates and bis(β -aminophosphonates) by iron(III) chloride and cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4266-4275.	5.5	143
60	4-Aminophenyl Diphenylphosphinite (APDPP) as a Heterogeneous and Acid Scavenger Reagent for Thiocyanation or Isothiocyanation of Alcohols and Protected Alcohols. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2010-2019.	1.6	10
61	Highly regio- and chemoselective silylation of diethyl β -hydroxyphosphonates, alcohols and phenols in the presence of solid TiCl ₃ (OTf) as a catalyst with hexamethyldisilazane (HMDS) at room temperature in the absence of solvent. <i>Catalysis Communications</i> , 2009, 10, 1547-1550.	3.3	13
62	Solid trichlorotitanium(IV) trifluoromethanesulfonate TiCl ₃ (OTf) catalyzed efficient acylation of –OH and –SH: Direct esterification of alcohols with carboxylic acids and transesterification of alcohols with esters under neat conditions. <i>Journal of Molecular Catalysis A</i> , 2008, 289, 61-68.	4.8	55
63	Imidazolium-based phosphinite ionic liquid (IL-OPPh ₂) as Pd ligand and solvent for selective dehalogenation or homocoupling of aryl halides. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2469-2472.	1.8	54
64	Iron(III) trifluoroacetate [Fe(F ₃ CCO ₂) ₃] as an easily available, non-hygroscopic, non-corrosive, highly stable and a reusable Lewis Acid catalyst: Efficient O-silylation of β -hydroxyphosphonates, alcohols and phenols by hexamethyldisilazane (HMDS) under solvent-free conditions. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2711-2714.	1.8	42
65	Ph ₃ P/Br ₂ /n-Bu ₄ NNO ₂ as an efficient system for the preparation of N-nitrosamines and azides. <i>Tetrahedron Letters</i> , 2008, 49, 4242-4244.	1.4	16
66	Highly efficient and stable palladium nanocatalysts supported on an ionic liquid-modified xerogel. <i>Chemical Communications</i> , 2008, , 6155.	4.1	39
67	Easily Prepared Azopyridines As Potent and Recyclable Reagents for Facile Esterification Reactions. An Efficient Modified Mitsunobu Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 4882-4887.	3.2	93
68	Dodecatungstophosphoric acid (H ₃ PW ₁₂ O ₄₀) as a highly efficient catalyst for the amidation of alcohols and protected alcohols with nitriles in water: A modified Ritter reaction. <i>Catalysis Communications</i> , 2008, 9, 529-531.	3.3	33
69	Reduction of oxygenated organosulfur compounds. <i>Journal of Sulfur Chemistry</i> , 2008, 29, 53-97.	2.0	38
70	Dichloro-bis(trifluoromethanesulfonate)titanium(IV) (TiCl ₂ (SO ₃ CF ₃) ₂) as a stable and a non-corrosive solid catalyst for the efficient and highly selective protection of carbonyl groups as their 1,3-dithianes and 1,3-dithiolanes under solvent-free conditions at room temperature. <i>Journal of Sulfur Chemistry</i> , 2007, 28, 351-356.	2.0	2
71	An Imidazolium-Based Phosphinite Ionic Liquid (IL-OPPh ₂) as a Reusable Reaction Medium and PdII Ligand in Heck Reactions of Aryl Halides with Styrene and n-Butyl Acrylate. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2197-2201.	2.4	55
72	Aluminum tris (dodecyl sulfate) trihydrate Al(DS) ₃ ·3H ₂ O as an efficient Lewis acid–surfactant-combined catalyst for organic reactions in water. <i>Journal of Molecular Catalysis A</i> , 2007, 274, 109-115.	4.8	61

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73	Dinitrogen Tetroxide Impregnated Charcoal ($N_2O_4/Charcoal$): Selective Oxidation of Thiols to Disulfides or Thiosulfonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 473-479.	1.6	35
74	Silphos [$PCl_3 \cdot n(SiO_2)_n$]: A Heterogeneous Phosphine Reagent for the Regioselective Synthesis of vic-Haloalcohols. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2615-2621.	1.6	4
75	Facile and Selective Preparation of Esters from Carboxylic Acids Catalyzed by Aluminumdodecatungstophosphate (ALPW12O40) as a Versatile, Recyclable and a Highly Water Tolerant Green Lewis Acid Catalyst. Letters in Organic Chemistry, 2006, 3, 25-28.	0.5	9
76	Aluminumdodecatungstophosphate (ALPW12O40), a versatile and a highly water tolerant green Lewis acid catalyzes efficient preparation of indole derivatives. Journal of Molecular Catalysis A, 2006, 244, 168-172.	4.8	107
77	Tungstophosphoric acid supported on silica gel ($H_3PW_{12}O_{40}/SiO_2$) as an eco-friendly, reusable and heterogeneous catalyst for chemoselective oxathioacetalization of carbonyl compounds in solution or under solvent-free conditions. Journal of Molecular Catalysis A, 2006, 247, 14-18.	4.8	30
78	Silica gel catalyzed highly selective CS bond formation via Michael addition of thiols to α,β -unsaturated ketones under solvent-free conditions. Journal of Molecular Catalysis A, 2006, 249, 98-102.	4.8	32
79	Aluminumdodecatungstophosphate (ALPW12O40) as a reusable Lewis acid catalyst. Journal of Molecular Catalysis A, 2006, 250, 237-242.	4.8	47
80	Silphos [$PCl_3 \cdot n(SiO_2)_n$]: a heterogeneous phosphine reagent for the conversion of epoxides to β -bromoformates or alkenes. Tetrahedron, 2006, 62, 1823-1827.	1.9	16
81	Preparation of thiocyanates and isothiocyanates from alcohols, thiols, trimethylsilyl-, and tetrahydropyranyl ethers using triphenylphosphine/2,3-dichloro-5,6-dicyanobenzoquinone (DDQ)/n-Bu4NSCN system. Tetrahedron, 2006, 62, 5498-5501.	1.9	41
82	ZrCl ₄ dispersed on dry silica gel provides a useful reagent for S-alkylation of thiols with alcohols under solvent-free conditions. Tetrahedron Letters, 2006, 47, 93-97.	1.4	63
83	Facile conversion of alcohols into their bromides and iodides by N-bromo and N-iodosaccharins/triphenylphosphine under neutral conditions. Tetrahedron Letters, 2006, 47, 1771-1775.	1.4	34
84	A new diphenylphosphinite ionic liquid (IL-OPPh ₂) as reagent and solvent for highly selective bromination, thiocyanation or isothiocyanation of alcohols and trimethylsilyl and tetrahydropyranyl ethers. Tetrahedron Letters, 2006, 47, 5531-5534.	1.4	68
85	Highly chemoselective nitration of aromatic amines using the Ph ₃ P/Br ₂ /AgNO ₃ system. Tetrahedron Letters, 2006, 47, 6879-6881.	1.4	33
86	A novel method for the highly efficient synthesis of 1,2-benzisoxazoles under neutral conditions using the Ph ₃ P/DDQ system. Tetrahedron Letters, 2006, 47, 8247-8250.	1.4	43
87	4-Aminophenyldiphenylphosphinite (APDPP), a new heterogeneous and acid scavenger phosphinite " Conversion of alcohols, trimethylsilyl, and tetrahydropyranyl ethers to alkyl halides with halogens or N-halosuccinimides. Canadian Journal of Chemistry, 2006, 84, 1006-1012.	1.1	17
88	ZrOCl ₂ ·8H ₂ O as a highly efficient and the moisture tolerant Lewis acid catalyst for Michael addition of amines and indoles to α,β -unsaturated ketones under solvent-free conditions. Journal of Molecular Catalysis A, 2006, 252, 150-155.	4.8	60
89	ZrOCl ₂ ·8H ₂ O/silica gel as a new efficient and a highly water-tolerant catalyst system for facile condensation of indoles with carbonyl compounds under solvent-free conditions. Journal of Molecular Catalysis A, 2006, 253, 249-251.	4.8	107
90	Dodecatungstophosphoric acid (H ₃ PW ₁₂ O ₄₀) as a solid green Brønsted acid catalyzes high yielding and efficient trimethylcyanosilylation reactions of aldehydes and ketones by trimethylsilyl cyanide. Journal of Organometallic Chemistry, 2005, 690, 1556-1559.	1.8	22

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91	Facile preparation of symmetrical and unsymmetrical ethers from their corresponding alcohols catalyzed by aluminumdodecatungstophosphate (ALPW12O40), as a versatile and a highly water tolerant Lewis acid. <i>Journal of Molecular Catalysis A</i> , 2005, 227, 97-100.	4.8	36
92	An efficient and chemoselective method for protection of thiols catalyzed by aluminumdodecatungstophosphate (ALPW12O40), as a highly water tolerant Lewis acid catalyst. <i>Tetrahedron Letters</i> , 2005, 46, 2683-2686.	1.4	24
93	Rapid, highly efficient and stereoselective deoxygenation of epoxides by ZrCl ₄ /NaI. <i>Tetrahedron Letters</i> , 2005, 46, 4107-4110.	1.4	45
94	Silphos [PCl ₃ ·n(SiO ₂) _n]: a heterogeneous phosphine reagent for formylation and acetylation of alcohols and amines with ethyl formate and acetate. <i>Tetrahedron Letters</i> , 2005, 46, 7963-7966.	1.4	64
95	Silicaphosphine (Silphos): a filterable reagent for the conversion of alcohols and thiols to alkyl bromides and iodides. <i>Tetrahedron</i> , 2005, 61, 5699-5704.	1.9	39
96	Facile Ring-Expansion Substitution Reactions of 1,3-Dithiolanes and 1,3-Dithianes Initiated by Electrophilic Reagents to Produce Monohalo-, -cyano-, -azido- and -thiocyanato-1,4-dithiins and -1,4-dithiepins. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 416-428.	2.4	21
97	Pronounced Catalytic Effect of Micellar Solution of Sodium Dodecyl Sulfate (SDS) for Regioselective Iodination of Aromatic Compounds with a Sodium Iodide/Cerium(IV) Trihydroxide Hydroperoxide System. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1925-1928.	4.3	65
98	A Simple, and Highly Selective Method for the Iodination of Alcohols Using ZrCl ₄ /NaI.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
99	Magnesium Triflate [Mg(OTf) ₂] a Highly Stable, Non-Hygroscopic and a Recyclable Catalyst for the High Yielding Preparation of Diethyl α -Trimethylsilyloxyphosphonates from Diethyl α -Hydroxyphosphonates by HMDS under Solventless Conditions.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
100	Metal Triflate Catalyzed One-Pot Synthesis of α -Aminophosphonates from Carbonyl Compounds in the Absence of Solvent.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
101	Aluminum Dodecatungstophosphate (ALPW12O40) as a Non-Hygroscopic Lewis Acid Catalyst for the Efficient Friedel-Crafts Acylation of Aromatic Compounds under Solvent-Less Conditions.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
102	H ₃ PW ₁₂ O ₄₀ as a Useful Recyclable Heterogeneous Catalyst for the Facile and Highly Efficient Michael Addition Reaction of Thiols to α,β -Unsaturated Ketones.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
103	Silicaphosphine (Silphos): A Filterable Reagent for the Conversion of Alcohols and Thiols to Alkyl Bromides and Iodides.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
104	H ₃ PW ₁₂ O ₄₀ as a Useful Recyclable Heterogeneous Catalyst for the Facile and Highly Efficient Michael Addition Reaction of Thiols to α,β -Unsaturated Ketones. <i>Synlett</i> , 2005, 2005, 299-303.	1.8	41
105	Deoxygenation of Sulfoxides and Reductive Coupling of Sulfonyl Chlorides, Sulfinates and Thiosulfonates Using Silphos [PCl ₃ -n(SiO ₂) _n] as a Heterogeneous Phosphine Reagent. <i>Synlett</i> , 2005, 2005, 1447-1449.	1.8	39
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