Nasser Iranpoor

List of Publications by Year
in descending order

169	5,730	57758 44	118850 62
papers	citations	h-index	g-index

180	180	180	4034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetite (Fe₃O₄) Nanoparticlesâ€Catalyzed Sonogashiraâ€“ Hagihara Reactions in Ethylene Glycol under Ligandâ€Free Conditions. Advanced Synthesis and Catalysis, 2011, 353, 125-132.	4.3	135
2	Oneâ€Pot Thioetherification of Aryl Halides Using Thiourea and Alkyl Bromides Catalyzed by Copper(I) Iodide Free from Foulâ€Smelling Thiols in Wet Polyethylene Glycol (PEG 200). Advanced Synthesis and Catalysis, 2010, 352, 119-124.	4.3	132
3	A highly stable and active magnetically separable Pd nanocatalyst in aqueous phase heterogeneously catalyzed couplings. Green Chemistry, 2013, 15, 2132.	9.0	131
4	The facile and efficient Michael addition of indoles and pyrrole to Î±,Î²-unsaturated electron-deficient compounds catalyzed by aluminium dodecyl sulfate trihydrate [Al(DS)3]Â·3H2O in water. Chemical Communications, 2005, , 789-791.	4.1	129
5	Tungstophosphoric acid (H3PW12O40) as a heterogeneous inorganic catalyst. Activation of hexamethyldisilazane (HMDS) by tungstophosphoric acid for efficient and selective solvent-free O-silylation reactions. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 2601-2604.	1.3	110
6	Air Oxidative Coupling of Thiols to Disulfides Catalyzed by Fe(III)/NaI. Synthesis, 1999, 1999, 49-50.	2.3	108
7	Micellar Solution of Sodium Dodecyl Sulfate (SDS) Catalyzes Facile Michael Addition of Amines and Thiols to ?,?-Unsaturated Ketones in Water under Neutral Conditions. Advanced Synthesis and Catalysis, 2005, 347, 655-661.	4.3	95
8	Easily Prepared Azopyridines As Potent and Recyclable Reagents for Facile Esterification Reactions. An Efficient Modified Mitsunobu Reaction. Journal of Organic Chemistry, 2008, 73, 4882-4887.	3.2	93
9	Selective and Efficient Transformation of Thioethers to Their Sulfoxides and Catalytic Conversions of Thiols to The Disulfides with Hydrated Iron(III) and Copper(II) Nitrates in Aprotic Organic Solvents or Under Solvent Free Conditions.. Synthetic Communications, 1998, 28, 1179-1187.	2.1	90
10	Chromium(VI) based oxidants-1. Tetrahedron, 1986, 42, 719-725.	1.9	88
11	Mild, Efficient and Selective Opening of Epoxides with Alcohols Catalyzed by Ceric(IV) Ammonium Nitrate. Synthetic Communications, 1990, 20, 2789-2797.	2.1	88
12	2-Aminophenyl diphenylphosphinite as a new ligand for heterogeneous palladium-catalyzed Heckâ€“Mizoroki reactions in water in the absence of any organic co-solvent. Tetrahedron, 2009, 65, 7079-7084.	1.9	75
13	Metal-Free Chemoselective Oxidation of Sulfides to Sulfoxides by Hydrogen Peroxide Catalyzed byin situ Generated Dodecyl Hydrogen Sulfate in the Absence of Organic Co-Solvents. Advanced Synthesis and Catalysis, 2006, 348, 434-438.	4.3	74
14	1,3,2,4-Diazadiphosphetidines as new Pâ€“N ligands for palladium-catalyzed Heck reaction in water. Tetrahedron, 2010, 66, 2415-2421.	1.9	73
15	Micellar media for the efficient ring opening of epoxides with CNâ€“, N3â€“, NO3â€“, NO2â€“, SCNâ€“, Clâ€“ and Brâ€“ catalyzed with Ce(OTf)4. Organic and Biomolecular Chemistry, 2003, 1, 724-727.	2.8	72
16	Dinitrogen Tetroxide Copper Nitrate Complex [Cu(NO₃)₂.N₂O₄] As a New Nitrosating Agent for Catalytic Coupling of Thiols via Thionitrite. Synthetic Communications, 1998, 28, 367-375.	2.1	70
17	A new diphenylphosphinite ionic liquid (IL-OPPh2) 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
18	Oxidation of Thiols to Their Disulfides with Bis Trinitratocerium (IV)l Chromate [Ce(NO₃)₃1₂CrO₄and Pyridinum Chlorochromate. Synthetic Communications, 1984, 14, 717-724.	2.1	67

#	Article	IF	Citations
19	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. Advanced Synthesis and Catalysis, 2005, 347, 1925-1928.	4.3	65
20	Palladium nanoparticles supported on agarose-functionalized magnetic nanoparticles of Fe₃O₄ as a recyclable catalyst for Câ€“C bond formation via Suzukiâ€“Miyaura, Heckâ€“Mizoroki and Sonogashiraâ€“Hagihara coupling reactions. RSC Advances, 2014, 4, 17060-17070.	3.6	65
21	Conversion of Epoxides to Thiiranes Catalyzed with TiO(TFA)₂and TiCl₃(Otf) in the Presence of Ammonium Thiocyanate or Thiourea. Synthetic Communications, 1998, 28, 3913-3918.	2.1	64
22	Triphenylphosphine/2,3-dichloro-5,6-dicyanobenzoquinone as a new, selective and neutral system for the facile conversion of alcohols, thiols and selenols to alkyl halides in the presence of halide ions. Tetrahedron, 2002, 58, 8689-8693.	1.9	64
23	Silphos [PCl3âˆ’n(SiO2)n]: a heterogeneous phosphine reagent for formylation and acetylation of alcohols and amines with ethyl formate and acetate. Tetrahedron Letters, 2005, 46, 7963-7966.	1.4	64
24	Pronounced Catalytic Effect of a Micellar Solution of Sodium Dodecyl Sulfate (SDS) on the Efficient Câ€S Bond Formation<i>via</i>an Odorless Thiaâ€Michael Addition Reaction through the<i>in situ</i>Generation of<i>S</i>â€Alkylisothiouronium Salts. Advanced Synthesis and Catalysis, 2009, 351, 755-766.	4.3	62
25	Dinitrogen tetroxide supported on polyvinylpyrrolidone (PVPâ€“N2O4): a new nitrosating and coupling agent for thiols and a selective oxidant for sulfides and disulfides. Tetrahedron, 2002, 58, 5179-5184.	1.9	61
26	Aluminum tris (dodecyl sulfate) trihydrate Al(DS)3Â·3H2O as an efficient Lewis acidâ€“surfactant-combined catalyst for organic reactions in water. Journal of Molecular Catalysis A, 2007, 274, 109-115.	4.8	61
27	Highly Efficient, Regio- and Stereoselective Ring Opening of Epoxides and Thiiranes with Ce(OTf)₄. Synthetic Communications, 1998, 28, 347-366.	2.1	60
28	Recyclable palladium-catalyzed Sonogashiraâ€“Hagihara coupling of aryl halides using 2-aminophenyl diphenylphosphinite ligand in neat water under copper-free condition. Journal of Molecular Catalysis A, 2010, 321, 110-116.	4.8	60
29	Palladium nanoparticles supported on silicadiphenyl phosphinite (SDPP) as efficient catalyst for Mizorokiâ€“Heck and Suzukiâ€“Miyaura coupling reactions. Journal of Organometallic Chemistry, 2012, 708-709, 118-124.	1.8	57
30	Conversion of Alcohols, Thiols, and Trimethysilyl Ethers to Alkyl Cyanides Using Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/n-Bu4NCN. Journal of Organic Chemistry, 2004, 69, 2562-2564.	3.2	56
31	An Imidazolium-Based Phosphinite Ionic Liquid (IL-OPPh2) as a Reusable Reaction Medium and PdII Ligand in Heck Reactions of Aryl Halides with Styrene andn-Butyl Acrylate. European Journal of Organic Chemistry, 2007, 2007, 2197-2201.	2.4	55
32	Solid trichlorotitanium(IV) trifluoromethanesulfonate TiCl3(OTf) catalyzed efficient acylation of â€“OH and â€“SH: Direct esterification of alcohols with carboxylic acids and transesterification of alcohols with esters under neat conditions. Journal of Molecular Catalysis A, 2008, 289, 61-68.	4.8	55
33	Imidazolium-based phosphinite ionic liquid (IL-OPPh2) as Pd ligand and solvent for selective dehalogenation or homocoupling of aryl halides. Journal of Organometallic Chemistry, 2008, 693, 2469-2472.	1.8	54
34	Diphenylphosphinite ionic liquid (IL-OPPh2): A solvent and ligand for palladium-catalyzed silylation and dehalogenation reaction of aryl halides with triethylsilane. Journal of Organometallic Chemistry, 2010, 695, 887-890.	1.8	53
35	Gelatin as a bioorganic reductant, ligand and support for palladium nanoparticles. Application as a catalyst for ligand- and amine-free Sonogashiraâ€“Hagihara reaction. Organic and Biomolecular Chemistry, 2011, 9, 865-871.	2.8	53
36	Highly Regio- and Stereoselective Synthesis of Î²-Halohydrins from Epoxides Catalyzed with Ceric Ammonium Nitrate. Synthetic Communications, 1997, 27, 1247-1258.	2.1	50

#	Article	IF	Citations
37	A New Approach to the Reduction of Sulfoxides to Sulfides with 1,3-Dithiane in the Presence of Electrophilic Bromine as Catalyst. Journal of Organic Chemistry, 2002, 67, 2826-2830.	3.2	49
38	Direct Nickelâ€Catalyzed Amination of Phenols <i>via</i> Cï£¿O Bond Activation using 2,4,6â€Trichloroâ€1,3,5â€triazine (TCT) as Reagent. Advanced Synthesis and Catalysis, 2014, 356, 3067-3073.	4.3	49
39	Nickel-Catalyzed One-Pot Deoxygenation and Reductive Homocoupling of Phenols via Câ€“O Activation Using TCT Reagent. Organic Letters, 2015, 17, 214-217.	4.6	49
40	A facile generation of Câ€“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. Tetrahedron, 2009, 65, 5293-5301.	1.9	48
41	Agarose hydrogel as an effective bioorganic ligand and support for the stabilization of palladium nanoparticles. Application as a recyclable catalyst for Suzukiâ€“Miyaura reaction in aqueous media. RSC Advances, 2011, 1, 1013.	3.6	48
42	Dinitrogen Tetroxide Complexes of Iron and Copper Nitrates as New Reagents for Selective Mono- and Dinitration of Phenolic Compounds. Synthetic Communications, 1997, 27, 3301-3311.	2.1	47
43	Efficient Cu-catalyzed one-pot odorless synthesis of sulfides from triphenyltin chloride, aryl halides and S 8 in PEG. Tetrahedron Letters, 2016, 57, 192-195.	1.4	47
44	Dinitrogen Tetroxide Complexes of Iron(III) and Copper(II) Nitrates as New Versatile Reagents for Organic Synthesis. Efficient and Selective Oxidation of Sulfides to their Corresponding Sulfoxides Under Mild Conditions.. Synthetic Communications, 1998, 28, 377-385.	2.1	46
45	A RAPID AND FACILE CONVERSION OF PRIMARY AMIDES AND ALDOXIMES TO NITRILES AND KETOXIMES TO AMIDES WITH TRIPHENYLPHOSPHINE ANDN-CHLOROSUCCINIMIDE. Synthetic Communications, 2002, 32, 2535-2541.	2.1	46
46	A novel and highly selective conversion of alcohols, thiols, and silyl ethers to azides using the triphenylphosphine/2,3-dichloro-5,6-dicyanobenzoquinone(DDQ)/n-Bu4NN3 system. Tetrahedron Letters, 2004, 45, 3291-3294.	1.4	46
47	A new application for diethyl azodicarboxylate: efficient and regioselective thiocyanation of aromatics amines. Tetrahedron Letters, 2010, 51, 3508-3510.	1.4	46
48	5,5â€²-Dimethyl-3,3â€²-azoisoxazole as a new heterogeneous azo reagent for esterification of phenols and selective esterification of benzylic alcohols under Mitsunobu conditions. Organic and Biomolecular Chemistry, 2010, 8, 4436.	2.8	45
49	A novel nickel-catalyzed synthesis of thioesters, esters and amides from aryl iodides in the presence of chromium hexacarbonyl. New Journal of Chemistry, 2015, 39, 6445-6452.	2.8	45
50	Ru(III) Catalyses the Conversion of Epoxides to 1,3-Dioxolanes. Synthetic Communications, 1998, 28, 3189-3193.	2.1	44
51	Copper(I) iodide catalyzes odorless thioarylation of phenolic esters with alkyl derivatives using thiourea in wet polyethylene glycol (PEG 200). Journal of Molecular Catalysis A, 2013, 377, 190-196.	4.8	44
52	A novel method for the highly efficient synthesis of 1,2-benzisoxazoles under neutral conditions using the Ph3P/DDQ system. Tetrahedron Letters, 2006, 47, 8247-8250.	1.4	43
53	Palladium Nanoparticles Supported on Aminopropyl-Functionalized Clay as Efficient Catalysts for Phosphine-Free Câ€“C Bond Formation via Mizorokiâ€“Heck and Suzukiâ€“Miyaura Reactions. Bulletin of the Chemical Society of Japan, 2011, 84, 100-109.	3.2	42
54	A nano tetraimine Pd(0) complex: synthesis, characterization, computational studies and catalytic applications in the Heckâ€“Mizoroki reaction in water. Green Chemistry, 2015, 17, 3326-3337.	9.0	42

#	ARTICLE	IF	CITATIONS
55	Efficient and Selective Mono and Dinitration of Phenols With Cr(NO₃)₃Â·2N₂O₄as a New Nitrating Agent. Synthetic Communications, 1998, 28, 2773-2781.	2.1	41
56	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
57	Selective mono- and di-N-alkylation of aromatic amines with alcohols and acylation of aromatic amines using Ph3P/DDQ. Tetrahedron, 2009, 65, 3893-3899.	1.9	41
58	TiCl3(OTf) and TiO(TFA)2Efficient Catalysts for Ring Opening of Epoxides with Alcohols, Acetic Acid and Water. Synthetic Communications, 1999, 29, 1017-1024.	2.1	40
59	Highly efficient and stable palladium nanocatalysts supported on an ionic liquid-modified xerogel. Chemical Communications, 2008, , 6155.	4.1	39
60	2-Aminophenyl diphenylphosphinite as an easily accessible ligand for heterogeneous palladium-catalyzed Suzukiâ€“Miyaura reaction in water in the absence of any organic co-solvent. Journal of Organometallic Chemistry, 2010, 695, 2093-2097.	1.8	39
61	Carboxylateâ€Based, Roomâ€Temperature Ionic Liquids as Efficient Media for Palladiumâ€Catalyzed Homocoupling and Sonogashiraâ€“Hagihara Reactions of Aryl Halides. European Journal of Organic Chemistry, 2012, 2012, 305-311.	2.4	37
62	Palladium-free aminocarbonylation of aryl, benzyl, and styryl iodides and bromides by amines using Mo(CO)6 and norbornadiene. Tetrahedron, 2013, 69, 418-426.	1.9	37
63	Dinitrogen Tetroxide Impregnated Charcoal (N₂O₄/Charcoal): Selective Oxidation of Thiols to Disulfides or Thiosulfonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 473-479.	1.6	35
64	Highly Efficient Halogenation of Organic Compounds with Halides Catalyzed by Cerium(III) Chloride Heptahydrate Using Hydrogen Peroxide as the Terminal Oxidant in Water. Advanced Synthesis and Catalysis, 2009, 351, 1925-1932.	4.3	35
65	Ceric Trihydroxy Hydroperoxide Ce(OH)₃O₂H, A Regenerable, Mild, and A Versatile Reagent for the Oxidation of Organic Compounds. Synthetic Communications, 1984, 14, 875-882.	2.1	34
66	Palladium nanoparticles supported on silica diphenylphosphinite as efficient catalyst for Câ€O and Câ€S arylation of aryl halides. Applied Organometallic Chemistry, 2013, 27, 501-506.	3.5	34
67	Selective Acetylation of Primary Alcohols: Acetyl and Formyl Transfer Reactions with Copper(II) Salts. Synthetic Communications, 1998, 28, 1923-1934.	2.1	33
68	Highly chemoselective nitration of aromatic amines using the Ph3P/Br2/AgNO3 system. Tetrahedron Letters, 2006, 47, 6879-6881.	1.4	33
69	Conversion of Epoxides to Thiiranes with Thiourea or Ammonium Thiocyanate Catalyzed with Poly(4-Vinyl Pyridine)-Ce(OTf)₄. Synthetic Communications, 1999, 29, 3313-3321.	2.1	32
70	Conversion of Alcohols, Thiols, Carboxylic Acids, Trimethylsilyl Ethers, and Carboxylates to Thiocyanates with Triphenylphosphine/Diethylazodicarboxylate/NH4SCN. Synthesis, 2004, 2004, 92-96.	2.3	31
71	Efficient Dehydration of Aldoximes to Nitriles with TiCl₃(OTf). Synthetic Communications, 1999, 29, 2747-2752.	2.1	30
72	Efficient conversion of thiols to thiocyanates by in situ generated Ph3P(SCN)2. Tetrahedron Letters, 2002, 43, 3439-3441.	1.4	30

#	Article	IF	Citations
73	Ring Opening of Epoxides with Sodium Cyanide Catalyzed with Ce(OTf)4. Synthetic Communications, 1999, 29, 2249-2254.	2.1	29
74	Dinitrogen Tetroxideâ€“Impregnated Charcoal (N2O4/Charcoal): Selective Nitrosation of Amines, Amides, Ureas, and Thiols. Synthetic Communications, 2005, 35, 1517-1526.	2.1	29
75	Triphenyltin chloride as a new source of phenyl group for C-heteroatom and Câ€“C bond formation. Journal of Organometallic Chemistry, 2013, 740, 123-130.	1.8	29
76	DDQ CATALYSES THE CONVERSION OF EPOXIDES TO ÃŸ-HYDROXY THIOCYANATES WITH NH₄SCN. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 152, 135-139.	1.6	28
77	Tris[trinitrato Ce(IV)]paraperiodate, an Efficient Heterogeneous Catalyst for Alcoholysis, Acetolysis, and Hydrolysis of Epoxides. Synthetic Communications, 1994, 24, 1959-1969.	2.1	27
78	Direct halogenation of organic compounds with halides using oxone in water â€” A green protocol. Canadian Journal of Chemistry, 2009, 87, 1675-1681.	1.1	27
79	Tris [Trinitratocerium(IV)] Paraperiodate [(NO₃)₃Ce]₃H₂IO₆, An Efficient and A Versatile Oxidant in Organic Synthesis. Synthetic Communications, 1984, 14, 1033-1042.	2.1	26
80	PPh3/DDQ as a neutral system for the facile preparation of diethyl Î±-bromo, Î±-iodo and Î±-azidophosphonates from diethyl Î±-hydroxyphosphonates. Tetrahedron, 2004, 60, 203-210.	1.9	26
81	Carbonâ€“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. Journal of Molecular Catalysis A, 2011, 348, 94-99.	4.8	26
82	Palladium nanoparticles supported on SiO₂ by chemical vapor deposition (CVD) technique as efficient catalyst for Suzukiâ€“Miyaura coupling of aryl bromides and iodides: selective coupling of halophenols. Applied Organometallic Chemistry, 2012, 26, 417-424.	3.5	26
83	In situ generated Ph3P(OAc)2 as a novel reagent for the efficient acetylation of alcohols and thiols at room temperature. Tetrahedron Letters, 2013, 54, 1813-1816.	1.4	26
84	Nickel-Catalyzed Deoxycyanation of Activated Phenols via Cyanurate Intermediates with Zn(CN)₂: A Route to Aryl Nitriles. Organic Letters, 2018, 20, 2753-2756.	4.6	26
85	Synthesis of highly stable and biocompatible gold nanoparticles for use as a new X-ray contrast agent. Journal of Materials Science: Materials in Medicine, 2018, 29, 48.	3.6	26
86	Tungsten Hexachloride (WCl₆), A Highly Efficient and Chemoselective Catalyst for Acetalization of Carbonyl Compounds. Synthetic Communications, 1999, 29, 2255-2263.	2.1	25
87	First reusable ligand-free palladium catalyzed Câ€“P bond formation of aryl halides with trialkylphosphites in neat water. RSC Advances, 2014, 4, 55732-55737.	3.6	25
88	Synthesis of new surfactant-like triazine-functionalized ligands for Pd-catalyzed Heck and Sonogashira reactions in water. RSC Advances, 2015, 5, 49559-49567.	3.6	25
89	Palladiumâ€catalysed reductive carbonylation of aryl halides with iron pentacarbonyl for synthesis of aromatic aldehydes and deuterated aldehydes. Applied Organometallic Chemistry, 2015, 29, 719-724.	3.5	25
90	Silicadiphenyl phosphinite (SDPP)/Pd(0) nanocatalyst for efficient aminocarbonylation of aryl halides with POCl3 and DMF. Journal of Molecular Catalysis A, 2012, 355, 69-74.	4.8	24

#	Article	IF	Citations
91	WCl6/DMF as a new reagent system for the phosphine-free Pd(0)-catalyzed aminocarbonylation of aryl halides. RSC Advances, 2014, 4, 43178-43182.	3.6	24
92	An Improved Method for the Efficient Conversion of Unsaturated Alcohols, Ethers and Esters to Their Corresponding Aldehydes, Ketones, Enol Ethers and Enol Esters. Synthetic Communications, 1989, 19, 2955-2961.	2.1	23
93	Nitration of Aromatic Compounds by Zn(NO₃)₂ÂÂ·Â2N₂O₄and Its Charcoalâ€Supported System. Synthetic Communications, 2005, 35, 263-270.	2.1	23
94	Design and synthesis of a new phosphinite-functionalized clay composite for the stabilization of palladium nanoparticles. Application as a recoverable catalyst for Câ€“C bond formation reactions. RSC Advances, 2014, 4, 27674-27682.	3.6	23
95	RING OPENING OF EPOXIDES WITH CARBOXYLATES AND PHENOXIDES IN MICELLAR MEDIA CATALYZED WITH Ce(OTf)4. Synthetic Communications, 2002, 32, 2287-2293.	2.1	22
96	ZrCl4/NaI and ZrOCl2ÂÂ·Â8H2O/NaI as effective systems for reductive coupling of sulfonyl chlorides and chemoselective deoxygenation of sulfoxides. Journal of Sulfur Chemistry, 2005, 26, 313-324.	2.0	22
97	Dithiooxamide as an Effective Sulfur Surrogate for Odorless Highâ€Yielding Carbonâ€“Sulfur Bond Formation in Wet PEG200 as an Ecoâ€Friendly, Safe, and Recoverable Solvent. European Journal of Organic Chemistry, 2015, 2015, 2914-2920.	2.4	22
98	Cr(CO)₆Mediated Carbonylative Homo-Coupling of Aryl Iodides: Direct Access to Symmetrical Diarylketones. ChemistrySelect, 2016, 1, 4300-4304.	1.5	22
99	Palladium-catalyzed carbonylation of aryl halides: an efficient, heterogeneous and phosphine-free catalytic system for aminocarbonylation and alkoxycarbonylation employing Mo(CO)6 as a solid carbon monoxide source. RSC Advances, 2016, 6, 78468-78476.	3.6	22
100	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. European Journal of Organic Chemistry, 2005, 2005, 416-428.	2.4	21
101	A Green Protocol for the Easy Synthesis of Thiiranes from Epoxides Using Thiourea/Silica Gel in the Absence of Solvent. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1809-1814.	1.6	21
102	Nickel-catalyzed one-pot synthesis of biaryls from phenols and arylboronic acids via Câ€“O activation using TCT reagent. Journal of Organometallic Chemistry, 2015, 781, 6-10.	1.8	21
103	Bis[Trinitratocerium(IV)]Chromate [Ce(N03)312Cr04; A Mild Oxidant in Organic Synthesis. Synthetic Communications, 1984, 14, 631-637.	2.1	20
104	COUPLING OF THIOLS AND SELENOLS CATALYZED BY TRIS[TRTNITRATOCERIUM (IV)]PARAPERIODATE. Organic Preparations and Procedures International, 1995, 27, 216-219.	1.3	20
105	Silica-Acetate Complex of N2O4: A Heterogeneous Reagent for the Selective Nitration of Phenols and Nitrosation of Thiols. Synthetic Communications, 2003, 33, 703-710.	2.1	20
106	Preparation of Î±â€Ketophosphonates by Oxidation of Î±â€Hydroxyphosphonates with Chromiumâ€Based Oxidants. Synthetic Communications, 2004, 34, 1463-1471.	2.1	20
107	1,3,2,4-Diazadiphosphetidines as Ligand and Base for Palladium-Catalyzed Suzukiâ€“Miyaura, Sonogashiraâ€“Hagihara, and Homocoupling Reactions of Aryl Halides under Heterogeneous Conditions in Water. Bulletin of the Chemical Society of Japan, 2010, 83, 1367-1373.	3.2	19
108	In situ generated and stabilized Pd nanoparticles by N2,N4,N6-tridodecyl-1,3,5-triazine-2,4,6-triamine (TDTAT) as a reactive and efficient catalyst for the Suzukiâ€“Miyaura reaction in water. RSC Advances, 2016, 6, 3084-3090.	3.6	19

#	Article	IF	Citations
109	Phosphine- and copper-free palladium catalyzed one-pot four-component carbonylation reaction for the synthesis of isoxazoles and pyrazoles. Tetrahedron Letters, 2016, 57, 837-840.	1.4	19
110	Ceric Triethylammonium Nitrate [Ce(Et₃NH)₂l(NO₃)₆; An Efficient Oxidant for the Oxidation of Benzylic Alcohols and Î±-Hydroxy Ketones to Their Corresponding Carbonyl Compounds Under Mild Conditions. Synthetic Communications, 1983, 13, 1143-1147.	2.1	18
111	AMINOPROPYL SILICA GEL SUPPORTED IODINE AS CATALYST IN NUCLEOPHILIC RING OPENING OF EPOXIDES AND EPISULFIDES. Synthetic Communications, 2002, 32, 1251-1258.	2.1	18
112	Nickelâ€Catalyzed Reductive Benzylation of Aldehydes with Benzyl Halides and Pseudohalides. Advanced Synthesis and Catalysis, 2015, 357, 1211-1220.	4.3	18
113	Selective Oxidation of Benzylic Alcohols and Ethers and Oxidative Cleavage of Benzylic Tetrahydropyranyl and Trimethylsilyl Ethers to Their Carbonyl Compounds by Dinitrogen Tetroxideâ€œImpregnated Activated Charcoal (N₂O₄/Charcoal). Synthetic Communications, 2005, 35, 1527-1533.	2.1	17
114	Spectrophotometric determination of vanadium in different oxidation states with pyrogallol. Talanta, 1992, 39, 281-284.	5.5	16
115	Conversion of Thiiranes to Î²-Chlorothioacetates Catalyzed with CoCl2. Synthetic Communications, 2003, 33, 2321-2327.	2.1	16
116	Activation of Iron (III) and Bismuth (III) Nitrates by Tungstophosphoric Acid: Solventâ€Free Oxidative Deprotection of Oximes to Carbonyl Compounds. Synthetic Communications, 2004, 34, 3587-3593.	2.1	16
117	Ph3P/Br2/n-Bu4NNO2 as an efficient system for the preparation of N-nitrosamines and azides. Tetrahedron Letters, 2008, 49, 4242-4244.	1.4	16
118	Palladiumâ€Catalyzed Aminocarbonylation of Aryl Halides with 2,4,6â€Trichloroâ€1,3,5â€triazine/Formamide Mixed Reagent. European Journal of Organic Chemistry, 2016, 2016, 1781-1787.	2.4	16
119	Highly Efficient and Chemoselective Thioacetalization of Carbonyl Compounds Catalyzed with Aluminum Trifluromethanesulfonate [Al(OTf)3]. Synthetic Communications, 2003, 33, 167-173.	2.1	15
120	Oxidative Coupling of Thiols to Disulfides with Ti(IV) in the Presence of NaI under Air Atmosphere. Journal of the Chinese Chemical Society, 2003, 50, 849-852.	1.4	15
121	Highly selective conversion of 1Â° and 2Â° tetrahydropyranyl ethers to thiocyanates and 3Â° ones to isothiocyanates using triphenylphosphine/diethyl azodicarboxylate/NH4SCN. Journal of Sulfur Chemistry, 2005, 26, 133-137.	2.0	15
122	Iron(III) Trifluoroacetate: Chemoselective and Recyclable Lewis Acid Catalyst for Diacetylation of Aldehydes, Thioacetalization and Transthioacetalization of Carbonyl Compounds and Aerobic Coupling of Thiols. Chinese Journal of Chemistry, 2008, 26, 2086-2092.	4.9	15
123	Phosphine-free NiBr2-catalyzed synthesis of unsymmetrical diaryl ketones via carbonylative cross-coupling of aryl iodides with Ph3SnX (XÂ=ÂCl, OEt). Journal of Organometallic Chemistry, 2015, 794, 282-287.	1.8	15
124	2,2â€²-Azobenzothiazole as a New Recyclable Oxidant for Heterogeneous Thiocyanation of Aromatic Compounds with Ammonium Thiocyanate. Synthetic Communications, 2012, 42, 2040-2047.	2.1	14
125	Nickel and Copperâ€Catalyzed Carbonylation Reaction of Organoboranes. Asian Journal of Organic Chemistry, 2018, 7, 683-687.	2.7	14
126	Dinitratocerium (IV) Chromate Dihydrate, [Ce(No₃)₂] CrO₄.2H₂O, a Mild Reagent for the Oxidation of Organic Compounds in Organic Media. Synthetic Communications, 1984, 14, 973-981.	2.1	13

#	Article	IF	Citations
127	Regioselective Alcoholysis and Conversion of Thiiranes to Alkoxy-Disulfides with 2,3-Dichloro-5,6-dicyano-p-benzoquinone (DDQ). Synthetic Communications, 1990, 20, 1047-1053.	2.1	13
128	Silica Chloride (Sio₂-Cl) Promotes Highly Efficient Transformation of Acylals to Dithianes, Dithiolanesm, and Oxathiolanes. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 176, 165-171.	1.6	13
129	2,4,4,6-Tetrabromo-2,5-cyclohexadienone (TABCO), N-Bromosuccinimide (NBS) and Bromine as Efficient Catalysts for Dithioacetalization and Oxathioacetalization of Carbonyl Compounds and Transdithioacetalization Reactions. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 1047-1071.	1.6	13
130	Ph3P/DDQ/NH4SCN as a New and Neutral System for Direct Preparation of Diethyl Î±-Thiocyanatophosphonates from Diethyl Î±-Hydroxyphosphonates. Synthesis, 2004, 2004, 290-294.	2.3	13
131	REACTION OF STABLE TRIALKYLSILYL ESTERS WITH Ph3P(SCN)2: A NOVEL METHOD FOR THE PREPARATION OF ACYL AND AROYL ISOTHIOCYANATES UNDER NEUTRAL CONDITION. Synthetic Communications, 2002, 32, 3653-3657.	2.1	12
132	Highly Regioselective Conversion of Epoxides to Î²-Hydroxy Nitriles with Cyanide Exchange Resin. Synthetic Communications, 2003, 33, 3153-3157.	2.1	12
133	New Heteroaromatic Azo Compounds Based on Pyridine, Isoxazole, and Benzothiazole for Efficient and Highly Selective Amidation and Mono-<i>N</i>-Benzylation of Amines under Mitsunobu Conditions. Bulletin of the Chemical Society of Japan, 2010, 83, 923-934.	3.2	12
134	Heteroaromatic azo compounds as efficient and recyclable reagents for direct conversion of aliphatic alcohols into symmetrical disulfides. Tetrahedron Letters, 2012, 53, 6913-6915.	1.4	12
135	Phosphorylated PEG (PPEG) as a new support for generation of nanoâ€Pd(0): application to the Heckâ€“Mizoroki and Suzukiâ€“Miyaura coupling reactions. Applied Organometallic Chemistry, 2013, 27, 451-458.	3.5	12
136	A triazine-phosphite polymeric ligand bearing cage-like P,N-ligation sites: an efficient ligand in the nickel-catalyzed amination of aryl chlorides and phenols. RSC Advances, 2016, 6, 80670-80678.	3.6	12
137	Efficient Ni-catalyzed conversion of phenols protected with 2,4,6-trichloro-1,3,5-triazine (TCT) to olefins. Chemical Communications, 2017, 53, 12794-12797.	4.1	12
138	Immobilized copper iodide on a porous organic polymer bearing P,N-ligation sites: A highly efficient heterogeneous catalyst for C O bond formation reaction. Molecular Catalysis, 2017, 438, 214-223.	2.0	11
139	Alcoholyses and Acetolyses of Allylic and Tertiary Benzylic Alcohols Catalyzed by 2, 3-Dichloro-5, 6-Dicyanobenzoquinone. Synthetic Communications, 1995, 25, 2253-2260.	2.1	10
140	SILICA ACETATE COMPLEX OF N2O4: A HIGHLY EFFICIENT REAGENT FOR THE SELECTIVE CONVERSION OF THIOETHERS TO THEIR CORRESPONDING SULFOXIDES. Synthetic Communications, 2001, 31, 2037-2041.	2.1	10
141	Efficient Tetrahydropyranylation of Alcohols and Detetrahydropyranylation Reactions in the Presence of Catalytic Amount of Trichloroisocyanuric Acid (TCCA) as a Safe, Cheap Industrial Chemical. Synthetic Communications, 2004, 34, 3623-3630.	2.1	10
142	4-Aminophenyl Diphenylphosphinite (APDPP) as a Heterogeneous and Acid Scavenger Reagent for Thiocyantion or Isothiocyanation of Alcohols and Protected Alcohols. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2010-2019.	1.6	10
143	4,4â€²-Azopyridine as an easily prepared and recyclable oxidant for synthesis of symmetrical disulfides from thiols or alkyl halides(tosylates)/thiourea. Journal of Sulfur Chemistry, 2015, 36, 544-555.	2.0	10
144	Exceptional effect of nitro substituent on the phosphonation of imines: the first report on phosphonation of imines to Î±-iminophosphonates and Î±-(N-phosphorylamino)phosphonates. RSC Advances, 2015, 5, 100070-100076.	3.6	10

#	Article	IF	Citations
145	Nickelâ€Catalyzed Reductive Addition of Aryl/Benzyl Halides and Pseudohalides to Carbodiimides for the Synthesis of Amides. European Journal of Organic Chemistry, 2016, 2016, 780-788.	2.4	10
146	Nickel-catalyzed reductive amidation of aryl-triazine ethers. Chemical Communications, 2020, 56, 1992-1995.	4.1	10
147	conversion of trimethylsilyl ethers to acetyl or formyl esters with TiCl4. Synthetic Communications, 1999, 29, 2123-2128.	2.1	9
148	Application of Ionic Complex of N 2 O 4 with 18-Crown-6 as an Oxidizing Agent for the Oxidation of Organosulfur Compounds. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 631-639.	1.6	9
149	Trichloroisocyanuric Acid, as an Industrial Chemical, Promotes Transthioacetalization of Diacetals of 2,2-Bis (Hydroxymethyl)-1,3-propanediol and Cleavage of Thioacetals. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2571-2577.	1.6	9
150	Highly Regioselective Ring Opening of Epoxides with Polymer Supported Phenoxide and Naphthoxide Anions. Synthetic Communications, 2004, 34, 2789-2795.	2.1	9
151	Selective and Efficient Formylation of Indoles (C3) and Pyrroles (C2) Using 2,4,6â€Trichloroâ€1,3,5â€Triazine/Dimethylformamide (TCT/DMF) Mixed Reagent. Journal of Heterocyclic Chemistry, 2017, 54, 904-910.	2.6	9
152	Nickel-Catalyzed Reductive Etherification of Aldehydes at Room Temperature: Câ€“O vs Câ€“C Bond Formation. Journal of Organic Chemistry, 2018, 83, 973-979.	3.2	9
153	DICHLOROBIS[1,4-DIAZABICYCLO(2,2,2)OCTANE]-(TETRAHYDROBORATO)ZIRCONIUM, [Zr(BH4)2CL2(dabco)2] (ZrBDC), A NEW STABLE, EFFICIENT, AND SELECTIVE REDUCING AGENT. Synthetic Communications, 2002, 32, 3575-3586.	2.1	8
154	Micellar media catalyzed highly efficient reductive amination of carbonyl compounds with bis(triphenylphosphine)(tetrahydroborato)zirconium(II), [Zr(BH4)2(Ph3P)2], as a new and a highly water tolerant tetrahydroborate reducing agent. Journal of the Iranian Chemical Society, 2009, 6, 177-186.	2.2	8
155	The First Mitsunobu Protocol for Efficient Synthesis of Î±-Acyloxyphosphonates Using 4,4â€²-Azopyridine. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2166-2171.	1.6	8
156	Immediate and Efficient Oxidative Deprotection of Dithioacetals to Carbonyl Compounds by Zinc Dichromate Trihydrate (ZnCr2O7ÂÂ·Â3H2O). Synthetic Communications, 2004, 34, 1967-1972.	2.1	7
157	PREPARATION OF Î±-KETOPHOSPHONATES BY OXIDATION OF Î±-HYDROXYPHOSPHONATES WITH PYRIDINIUM CHLOROCHROMATE (PCC). Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1483-1491.	1.6	7
158	Heterogeneous Thiocyanation of Benzylic Alcohols and Silyl and THP Ethers, and Deprotection of Silyl and THP-Ethers by [PCl3-n(SiO2)n] (Silphos). Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 1972-1978.	1.6	7
159	Triphenylphosphine/2,3â€Dichloroâ€5,6â€dicyanobenzoquinone (PPh₃/DDQ) System for Conversion of Alcohols and Thiols into Trialkyl Phosphonates. Asian Journal of Organic Chemistry, 2015, 4, 1289-1293.	2.7	6
160	Sulfonated charcoal as a mild and efficient catalyst for esterification and trans-esterification reactions. Journal of Sulfur Chemistry, 2007, 28, 581-587.	2.0	5
161	Efficient Conversion of Tetrahydropyranyl (THP) Ethers to Their Corresponding Thiocyanates With in-situâ€“Generated Ph3P(SCN)2. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 2093-2096.	1.6	4
162	Silphos [PCl3âˆ’ n (SiO2) 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

#	Article	IF	Citations
163	Direct conversion of trimethylsilyl and tetrahydropyranyl ethers into their bromides and iodides under neutral conditions using N-bromo and N-iodosaccharins in the presence of triphenylphosphine. Journal of the Iranian Chemical Society, 2008, 5, 400-406.	2.2	4
164	Pdâ€Catalyzed Reductive Carbonylationâ€Ring Closure of Aryl Halides: A Direct Approach for Synthesis of Benzimidazoles. ChemistrySelect, 2016, 1, 4418-4422.	1.5	4
165	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. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 1165-1173.	1.6	3
166	Dichloro-<i>bis</i>(trifluoromethanesulfonate)titanium(IV) (TiCl₂(SO₃CF₃)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. Journal of Sulfur Chemistry, 2007, 28, 351-356.	2.0	2
167	Diphenylphosphorylated PEG (DPPPEG) as a new support for generation of nano-Pd(0) as catalyst for carbonâ€“carbon bond formation via copper-free Sonogashira and homocoupling reactions of aryl halides in PEG. Journal of the Iranian Chemical Society, 2015, 12, 155-165.	2.2	2
168	Homocoupling of Substituted Benzenes to Symmetrical Biaryls with Mercury(II) in the Presence of Cerium(IV). Journal of Chemical Research, 1999, 23, 442-443.	1.3	0
169	Efficient Conversion of Thiols to S-Nitrosothiols with the 18-Crown-6 Complex of N2O4 as a New Nitrosating Agent. Journal of Chemical Research, 1999, 23, 668-669.	1.3	0