

# Behzad Zeynizadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7413154/publications.pdf>

Version: 2024-02-01

113  
papers

2,184  
citations

236925

25  
h-index

330143

37  
g-index

117  
all docs

117  
docs citations

117  
times ranked

2019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing rGO@Fe <sub>3</sub> O <sub>4</sub> @Ni as an efficient magnetic nanocatalyst for the synthesis of tetrahydrobenzopyranes via multicomponent coupling reactions of dimedone, malononitrile, and aromatic aldehydes. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6496.	3.5	10
2	A hassle-free and cost-effective transfer hydrogenation strategy for the chemoselective reduction of aryl nitriles to primary amines through in situ-generated nickel dihydride intermediate in water. <i>Journal of Molecular Structure</i> , 2022, 1255, 131926.	3.6	5
3	Diverse and efficient catalytic applications of new cockscomb flower-like Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @KCC-1@MPTMS@Cu <sup>II</sup> mesoporous nanocomposite in the environmentally benign reduction and reductive acetylation of nitroarenes and one-pot synthesis of some coumarin compounds. <i>RSC Advances</i> , 2022, 12, 11164-11189.	3.6	13
4	A uniformly anchored zirconocene complex on magnetic reduced graphene oxide (rGO@Fe <sub>3</sub> O <sub>4</sub> /ZrCp <sub>2</sub> Cl <sub>x</sub> ) (x = 0, 1, 2) as a novel and reusable nanocatalyst for synthesis of N-arylacetamides and reductive-acetylation of nitroarenes. <i>RSC Advances</i> , 2022, 12, 15020-15037.	3.6	1
5	Ni <sup>II</sup> NPs entrapped within a matrix of glutamic acid cross-linked chitosan supported on magnetic carboxylic acid-functionalized multi-walled carbon nanotube: a new and efficient multi-task catalytic system for the green one-pot synthesis of diverse heterocyclic frameworks. <i>RSC Advances</i> , 2022, 12, 16454-16478.	3.6	8
6	Synthesis of Acridinediones and Biscoumarins Using Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Ni-Zn-Fe LDH as an Efficient Magnetically Recoverable Mesoporous Catalyst. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 15-32.	2.6	29
7	Chemoselective reduction of nitroarenes, N-acetylation of arylamines, and one-pot reductive acetylation of nitroarenes using carbon-supported palladium catalytic system in water. <i>Research on Chemical Intermediates</i> , 2021, 47, 3289-3312.	2.7	14
8	Synthesis of GO and rGO@Fe <sub>3</sub> O <sub>4</sub> @Ni as remarkable nanocatalyst systems for solvent-free and chemoselective coupling reactions of dimedone with aromatic aldehydes. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6321.	3.5	10
9	Green, rapid, and highly efficient syntheses of $\alpha,\beta$ -unsaturated $\beta$ -(aryl or allyl)idene cycloalkanones and 2-((aryl or allyl)idene)indanones as potentially biologic compounds via solvent-free microwave-assisted Claisen-Schmidt condensation catalyzed by MoCl <sub>5</sub> . <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 623-637.	1.4	11
10	Fabrication and characterization of the immobilized Cu(II) and Ni(II) species on silica-coated copper ferrite: as novel magnetically reusable nanocatalysts toward synthesis of biscoumarins. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 73-88.	2.2	6
11	The immobilized Cu nanoparticles on magnetic montmorillonite (MMT@Fe <sub>3</sub> O <sub>4</sub> @Cu): As an efficient and reusable nanocatalyst for reduction and reductive-acetylation of nitroarenes with NaBH <sub>4</sub> . <i>Polyhedron</i> , 2020, 175, 114201.	2.2	33
12	Removal of cationic methylene blue dye using magnetic and anionic-cationic modified montmorillonite: kinetic, isotherm and thermodynamic studies. <i>Applied Clay Science</i> , 2020, 184, 105391.	5.2	39
13	The immobilized copper species on nickel ferrite (NiFe <sub>2</sub> O <sub>4</sub> @Cu): a magnetically reusable nanocatalyst for one-pot and quick reductive acetylation of nitroarenes to N-arylacetamides. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 859-870.	2.2	4
14	A green and efficient Pd-free protocol for the Suzuki-Miyaura cross-coupling reaction using Fe <sub>3</sub> O <sub>4</sub> @APTMS@Cp <sub>2</sub> ZrCl <sub>x</sub> (x = 0, 1, 2) MNPs in PEG-400. <i>Research on Chemical Intermediates</i> , 2020, 46, 3361-3382.	2.7	15
15	Green and highly efficient approach for the reductive coupling of nitroarenes to azoxyarenes using the new mesoporous Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Co-Zr-Sb catalyst. <i>Research on Chemical Intermediates</i> , 2020, 46, 2969-2984.	2.7	13
16	The immobilized Ni(II) species on thiourea functionalized copper ferrite: a reusable nanocatalyst for synthesis of biscoumarins under solvent-free conditions. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1493-1505.	2.2	2
17	Green Formylation of Alcohols Catalyzed by Magnetic Nanoparticles of the Core-Shell Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -SO <sub>3</sub> H. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 819-827.	1.5	8
18	Two different facile and efficient approaches for the synthesis of various N-arylacetamides via N-acetylation of arylamines and straightforward one-pot reductive acetylation of nitroarenes promoted by recyclable CuFe <sub>2</sub> O <sub>4</sub> nanoparticles in water. <i>Green Processing and Synthesis</i> , 2019, 8, 742-755.	3.4	19

#	ARTICLE	IF	CITATIONS
19	The immobilized Ni(II)-thiourea complex on silica-layered copper ferrite: A novel and reusable nanocatalyst for one-pot reductive acetylation of nitroarenes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4771.	3.5	14
20	Green and Highly Efficient Strategies for the Straightforward Reduction of Carboxylic Acids to Alcohols Using Four Different and Affordable Types of Hydrogen Donors. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 16379-16388.	3.7	16
21	Immobilized copper-layered nickel ferrite on acid-activated montmorillonite, [(NiFe <sub>2</sub> O <sub>4</sub> @Cu)(H <sup>+</sup> -Mont)], as a superior magnetic nanocatalyst for the green synthesis of xanthene derivatives. <i>RSC Advances</i> , 2019, 9, 28038-28052.	3.6	20
22	Reduction of 4-nitrophenol by a disused adsorbent: EDA-functionalized magnetic cellulose nanocomposite after the removal of Cu <sup>2+</sup> . <i>Carbohydrate Polymers</i> , 2019, 211, 298-307.	10.2	37
23	Immobilized antimony species on magnetite: a novel and highly efficient magnetically reusable nanocatalyst for direct and gram-scale reductive-coupling of nitroarenes to azoarenes. <i>RSC Advances</i> , 2019, 9, 13112-13121.	3.6	5
24	Strongly proton exchanged montmorillonite K10 (H <sup>+</sup> -Mont) as a solid acid catalyst for highly efficient and environmental benign synthesis of biscoumarins via tandem Knoevenagel-Michael reaction. <i>Polyhedron</i> , 2019, 168, 48-56.	2.2	17
25	Anchored sulfonic acid on silica-layered NiFe <sub>2</sub> O <sub>4</sub> : A magnetically reusable nanocatalyst for Hantzsch synthesis of 1,4-dihydropyridines. <i>Polyhedron</i> , 2019, 168, 57-66.	2.2	19
26	Green and convenient protocols for the efficient reduction of nitriles and nitro compounds to corresponding amines with NaBH <sub>4</sub> in water catalyzed by magnetically retrievable CuFe <sub>2</sub> O <sub>4</sub> nanoparticles. <i>Research on Chemical Intermediates</i> , 2019, 45, 3329-3357.	2.7	40
27	Sulfonyl-bridged (copper-immobilized nickel ferrite) with activated montmorillonite, [(NiFe <sub>2</sub> O <sub>4</sub> @Cu)SO <sub>2</sub> (MMT)]: a new class of magnetically separable clay nanocomposite systems towards Hantzsch synthesis of coumarin-based 1,4-dihydropyridines. <i>RSC Advances</i> , 2019, 9, 8002-8015.	3.6	21
28	Synthesis of Ni nanoparticles anchored on cellulose using different reducing agents and their applications towards reduction of 4-nitrophenol. <i>Polyhedron</i> , 2019, 166, 196-202.	2.2	14
29	Cascade synthesis of fused polycyclic dihydropyridines by Ni-Zn-Fe hydrotalcite (HT) immobilized on silica-coated magnetite as magnetically reusable nanocatalyst. <i>Research on Chemical Intermediates</i> , 2019, 45, 2811-2825.	2.7	6
30	Application of Cu(Hdmg) <sub>2</sub> as a simple and cost-effective catalyst for the convenient one-pot reductive acetylation of aromatic nitro compounds. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 928-933.	1.4	16
31	The promoted synthesis of minoxidil by magnetic nanoparticles of cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) as a heterogeneous reusable catalyst. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1425-1435.	1.2	2
32	Synthesis and characterization of a magnetic graphene oxide/Zn-Ni-Fe layered double hydroxide nanocomposite: an efficient mesoporous catalyst for the green preparation of biscoumarins. <i>New Journal of Chemistry</i> , 2019, 43, 18794-18804.	2.8	24
33	NiO NPs anchored on acid-activated montmorillonite (NiO-Mont) as a highly efficient and reusable nanocatalyst for synthesis of biscoumarins and bisdimedones. <i>Research on Chemical Intermediates</i> , 2019, 45, 1227-1248.	2.7	21
34	Nano-Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> : A magnetic, reusable solid acid catalyst for solvent-free reduction of oximes to amines with the NaBH <sub>3</sub> CN/ZrCl <sub>4</sub> system. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 535-542.	1.4	9
35	The Immobilized Copper on Nickel Ferrite: A Magnetically Superior Nanocatalyst for Chemoselective and Knoevenagel Synthesis of Bisdimedones and 1,8-Dioxo-octahydroxanthenes under Solvent-Free Conditions. <i>Current Organic Synthesis</i> , 2019, 16, 939-947.	1.3	4
36	Synthesis and Characterization of Copper (II) and Nickel (II) Immobilized on Silica-Coated Copper Ferrite: As Novel Magnetically Reusable Nano Catalysts Towards Reduction of Nitroarenes with NaBH <sub>4</sub> . <i>Current Organic Synthesis</i> , 2019, 16, 1010-1023.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of the immobilized Ni <sup>2+</sup> /Zn <sup>2+</sup> /Fe layered double hydroxide (LDH) on silica-coated magnetite as a mesoporous and magnetically reusable catalyst for the preparation of benzylidenemalononitriles and bisdimesones (tetraketones) under green conditions. <i>New Journal of Chemistry</i> , 2018, 42, 8553-8566.	2.8	49
38	Deposited zirconocene chloride on silica-layered CuFe <sub>2</sub> O <sub>4</sub> as a highly efficient and reusable magnetically nanocatalyst for one-pot Suzuki-Miyaura coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2018, 856, 70-77.	1.8	17
39	Fast and efficient method for Silylation of alcohols and phenols with HMDS in the presence of bis-thiourea complexes of cobalt, nickel, copper and zinc chlorides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 127-135.	1.6	4
40	Study of linear and nonlinear optical properties of nickel immobilized on acid-activated montmorillonite and copper ferrite nanocomposites. <i>Journal of Molecular Liquids</i> , 2018, 253, 119-126.	4.9	11
41	Cellulose supported bimetallic Fe <sup>2+</sup> /Cu nanoparticles: a magnetically recoverable nanocatalyst for quick reduction of nitroarenes to amines in water. <i>Cellulose</i> , 2018, 25, 3295-3305.	4.9	45
42	Sulfonic acid anchored on silica, SiO <sub>2</sub> @SO <sub>3</sub> H: A superior solid acid catalyst for quick and solvent-free reductive deoxygenation of ketones with NaBH <sub>4</sub> . <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 1521-1528.	1.4	1
43	Simple and Practical Synthesis of Various New Nickel Boride-Based Nanocomposites and their Applications for the Green and Expedient Reduction of Nitroarenes to Arylamines under Wet-Solvent-Free Mechanochemical Grinding. <i>Australian Journal of Chemistry</i> , 2018, 71, 595.	0.9	19
44	Efficient H <sub>2</sub> Generation Using Thiourea-based Periodic Mesoporous Organosilica with Pd Nanoparticles. <i>Chemistry Letters</i> , 2018, 47, 1243-1245.	1.3	27
45	Binary copper and iron oxides immobilized on silica-layered magnetite as a new reusable heterogeneous nanostructure catalyst for the Knoevenagel condensation in water. <i>Research on Chemical Intermediates</i> , 2018, 44, 6053-6070.	2.7	30
46	Synthesis of magnetic Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Cu <sup>2+</sup> /Ni <sup>2+</sup> /Fe <sup>2+</sup> /Cr LDH: an efficient and reusable mesoporous catalyst for reduction and one-pot reductive-acetylation of nitroarenes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2821-2837.	2.2	21
47	Ni <sub>2</sub> B@Cu <sub>2</sub> O and Ni <sub>2</sub> B@CuCl <sub>2</sub> : two new simple and efficient nanocatalysts for the green one-pot reductive acetylation of nitroarenes and direct N-acetylation of arylamines using solvent-free mechanochemical grinding. <i>Research on Chemical Intermediates</i> , 2018, 44, 7331-7352.	2.7	23
48	Magnetically recoverable CuFe <sub>2</sub> O <sub>4</sub> nanoparticles as an efficient heterogeneous catalyst for green formylation of alcohols. <i>Current Chemistry Letters</i> , 2018, , 121-130.	1.6	21
49	New synthesis processes of polyetheramines: Comparison of three different developed amination routes. <i>Materials and Manufacturing Processes</i> , 2017, 32, 1296-1303.	4.7	12
50	Synthesis and characterization of NiFe <sub>2</sub> O <sub>4</sub> @Cu nanoparticles as a magnetically recoverable catalyst for reduction of nitroarenes to arylamines with NaBH <sub>4</sub> . <i>Journal of Colloid and Interface Science</i> , 2017, 500, 285-293.	9.4	46
51	Design of chitosan-dithiocarbamate magnetically separable catalytic nanocomposites for greener aqueous oxidations at room temperature. <i>Molecular Catalysis</i> , 2017, 434, 7-15.	2.0	49
52	Dithiocarbamate to modify magnetic graphene oxide nanocomposite (Fe <sub>3</sub> O <sub>4</sub> -GO): A new strategy for covalent enzyme (lipase) immobilization to fabrication a new nanobiocatalyst for enzymatic hydrolysis of PNPd. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 696-702.	7.5	89
53	Impregnated copper on Fe <sub>3</sub> O <sub>4</sub> : an efficient magnetically separable nanocatalyst for rapid and selective acylation of amines. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2467-2474.	2.2	6
54	Synthesis and characterization of magnetically nanoparticles of Fe <sub>3</sub> O <sub>4</sub> @APTMS@ZrCp <sub>2</sub> as a novel and reusable catalyst for convenient reduction of nitro compounds with glycerol. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2649-2657.	2.2	14

#	ARTICLE	IF	CITATIONS
55	Thiourea bridged periodic mesoporous organosilica with ultra-small Pd nanoparticles for coupling reactions. <i>RSC Advances</i> , 2017, 7, 56306-56310.	3.6	57
56	Magnetically nano core-shell Fe <sub>3</sub> O <sub>4</sub> @Cu(OH)x: a highly efficient and reusable catalyst for rapid and green reduction of nitro compounds. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 101-109.	2.2	17
57	One-pot reductive-acetylation of nitroarenes with NaBH <sub>4</sub> catalyzed by separable core-shell Fe <sub>3</sub> O <sub>4</sub> @Cu(OH)x nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 99-105.	9.4	29
58	Cu nanoparticles: a highly efficient non-noble metal catalyst for rapid reduction of nitro compounds to amines with NaBH <sub>4</sub> in water. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1487-1492.	2.2	15
59	Seaweed-derived $\kappa$ -carrageenan: Modified $\kappa$ -carrageenan as a recyclable green catalyst in the multicomponent synthesis of aminophosphonates and polyhydroquinolines. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	25
60	Magnetically separable nano CuFe <sub>2</sub> O <sub>4</sub> : an efficient and reusable heterogeneous catalyst for the green synthesis of thiranes from epoxides with thiourea. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 537-545.	2.0	17
61	Heterogeneous Acidic and Eco-Friendly Reagents for Mild and Convenient Conversion of Epoxides to 1,2-Diacetates. <i>Journal of Chemical Research</i> , 2016, 40, 296-298.	1.3	2
62	Supported palladium ions inside periodic mesoporous organosilica with ionic liquid framework (Pd@IL-PMO) as an efficient green catalyst for S-arylation coupling. <i>Microporous and Mesoporous Materials</i> , 2016, 225, 272-279.	4.4	52
63	A green protocol for rapid and efficient conversion of epoxides to thiranes using alumina immobilized thiourea at solvent-free conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 65-69.	1.6	13
64	Exfoliation effect of PEG-type surfactant on Pd supported GO (SE-Pd(nanoparticle)/GO) in cascade synthesis of amides: A comparison with Pd(nanoparticle)/rGO. <i>Journal of Molecular Catalysis A</i> , 2016, 416, 88-95.	4.8	28
65	A highly efficient protocol for regioselective ring-opening of epoxides with alcohols, water, acetic acid, and acetic anhydride catalyzed by SbF <sub>3</sub> . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1051-1056.	1.6	4
66	Efficient tandem aqueous room temperature oxidative amidations catalysed by supported Pd nanoparticles on graphene oxide. <i>Catalysis Science and Technology</i> , 2016, 6, 4124-4133.	4.1	66
67	Cationic modification of SBA-15 pore walls for Pd supporting: Pd@SBA-15/ILDABCO as a catalyst for Suzuki coupling in water medium. <i>Microporous and Mesoporous Materials</i> , 2016, 222, 87-93.	4.4	87
68	4Å... molecular sieves catalyzed ring-opening of epoxides to 1,2-diacetates with acetic anhydride. <i>Current Chemistry Letters</i> , 2015, 4, 153-158.	1.6	6
69	Rapid and green reduction of aromatic/aliphatic nitro compounds to amines with NaBH <sub>4</sub> and additive Ni <sub>2</sub> B in H <sub>2</sub> O. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1221-1226.	2.2	16
70	The use of $\kappa$ -carrageenan/Fe <sub>3</sub> O <sub>4</sub> nanocomposite as a nanomagnetic catalyst for clean synthesis of rhodanines. <i>Catalysis Communications</i> , 2015, 68, 77-83.	3.3	68
71	Exfoliated Pd decorated graphene oxide nanosheets (PdNP@GO/P123): Non-toxic, ligandless and recyclable in greener Hiyama cross-coupling reaction. <i>Journal of Colloid and Interface Science</i> , 2015, 451, 46-52.	9.4	48
72	The efficient solvent-free reduction of oximes to amines with NaBH <sub>3</sub> CN catalyzed by ZrCl <sub>4</sub> /nano Fe <sub>3</sub> O <sub>4</sub> system. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 873-878.	2.2	5

#	ARTICLE	IF	CITATIONS
73	Ultrasound-Mediated Synthesis of 3,4-Dihydropyrimidin-2-(1 <i>H</i> )-Ones (or Thiones) with NaHSO <sub>4</sub> ·H <sub>2</sub> O. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1634-1642.	1.6	16
74	Magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles as recovery catalyst for preparation of oximes under solvent-free condition. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	11
75	The Efficient Synthesis of 3,4-Dihydropyrimidin-2-(1 <i>H</i> )-Ones and Their Sulfur Derivatives with H <sub>2</sub> SO <sub>4</sub> Immobilized on Activated Charcoal. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 544-553.	1.6	15
76	Fast, Efficient and Regioselective Conversion of Epoxides to $\hat{1}^2$ -Hydroxy Thiocyanates with NH <sub>4</sub> SCN/Zeolite Molecular Sieve 4 Å, under Solvent-Free Conditions. Bulletin of the Korean Chemical Society, 2011, 32, 630-634.	1.9	9
77	A Practical and Eco-Friendly Method for Conversion of Epoxides to Thiiranes with Immobilized Thiourea on CaCO <sub>3</sub> . Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2208-2215.	1.6	10
78	Zeolite Molecular Sieve 4Å...: A Reusable Catalyst for Fast and Efficient Conversion of Epoxides to Thiiranes with Thiourea. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1902-1909.	1.6	11
79	One-Pot Catalytic Conversion of Epoxides to 1,2-Diacetates with Hydride Transferring Agents in Acetic Anhydride. Synthetic Communications, 2011, 41, 637-644.	2.1	13
80	A New and Convenient Method for Reduction of Oximes to Amines with NaBH <sub>3</sub> CN In the Presence of MoCl <sub>5</sub> /NaHSO <sub>4</sub> ·H <sub>2</sub> O System. Bulletin of the Korean Chemical Society, 2011, 32, 3323-3326.	1.9	10
81	A Rapid and Practical Protocol for Solvent-Free Reduction of Oximes to Amines with NaBH <sub>4</sub> /ZrCl <sub>4</sub> /Al <sub>2</sub> O <sub>3</sub> System. Bulletin of the Korean Chemical Society, 2011, 32, 3448-3452.	1.9	8
82	Wet SiO <sub>2</sub> As a Suitable Media for Fast and Efficient Reduction of Carbonyl Compounds with NaBH <sub>3</sub> CN under Solvent-Free and Acid-Free Conditions. Bulletin of the Korean Chemical Society, 2010, 31, 2961-2966.	1.9	12
83	A Green Protocol for Catalytic Conversion of Epoxides to 1,2-Diacetoxy Esters with Phosphomolybdic Acid Alone or Its Supported on Silica Gel. Bulletin of the Korean Chemical Society, 2010, 31, 2644-2648.	1.9	8
84	NaHSO <sub>4</sub> ·H <sub>2</sub> O as a Heterogeneous Acidic Reagent for Mild and Convenient Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i> )-ones and Their Sulfur Derivatives. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2465-2471.	1.6	8
85	One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i> )-ones and Their Sulfur Derivatives with H <sub>2</sub> SO <sub>4</sub> Supported on Silica Gel or Alumina. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1722-1728.	1.6	17
86	A Green Protocol for Solvent-Free Conversion of Epoxides to Thiiranes with Dowex-50WX8 Supported Thiourea. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 362-368.	1.6	20
87	Solvent-Free Conversion of Epoxides to Thiiranes by Thiourea/NH <sub>4</sub> Cl System. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2280-2286.	1.6	15
88	Catalytic Conversion of Epoxides to 1,3-Dioxolanes with Phosphomolybdic Acid (PMA) in Solution and under Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2274-2279.	1.6	8
89	NaBH <sub>4</sub> /Charcoal: A New Synthetic Method for Mild and Convenient Reduction of Nitroarenes. Synthetic Communications, 2006, 36, 2699-2704.	2.1	49
90	A Mild and Convenient Reduction of Nitro Compounds with NaBH <sub>4</sub> /SbF <sub>3</sub> System in Wet CH <sub>3</sub> CN. Journal of Chemical Research, 2006, 2006, 542-544.	1.3	10

#	ARTICLE	IF	CITATIONS
91	Mild and Convenient Method for Reduction of Carbonyl Compounds with the NaBH <sub>4</sub> /Charcoal System in Wet THF. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1275-1281.	0.7	8
92	Titanyl Acetylacetonate as an Efficient Catalyst for Regioselective 1,2-Reduction of $\alpha,\beta$ -Unsaturated Carbonyl Compounds and Conversion of $\alpha,\beta$ -Diketones & Acyloins to Vicinal Diols with Sodium Borohydride. Journal of the Chinese Chemical Society, 2005, 52, 525-530.	1.4	3
93	Wet THF as a Suitable Solvent for a Mild and Convenient Reduction of Carbonyl Compounds with NaBH <sub>4</sub> . Bulletin of the Chemical Society of Japan, 2005, 78, 307-315.	3.2	47
94	Fast and efficient method for reduction of carbonyl compounds with NaBH <sub>4</sub> /wet SiO <sub>2</sub> under solvent free condition. Journal of the Brazilian Chemical Society, 2005, 16, 1200-1209.	0.6	32
95	KBrO <sub>3</sub> /FeCl <sub>3</sub> as an Efficient Oxidising System for Aromatisation of Hantzsch 1,4-dihydropyridines in Wet Acetonitrile. Journal of Chemical Research, 2005, 2005, 657-658.	1.3	2
96	Aromatization of Hantzsch Ester 1,4-Dihydropyridines with Iodine under Normal Conditions and Ultrasound Irradiation. Journal of the Chinese Chemical Society, 2005, 52, 1001-1004.	1.4	19
97	First Report for the Efficient Reduction of Oximes to Amines with Zinc Borohydride in the form of (Pyridine)(tetrahydroborato)zinc Complex. Journal of the Chinese Chemical Society, 2005, 52, 109-112.	1.4	5
98	NaBH <sub>4</sub> /NaHSO <sub>4</sub> ·H <sub>2</sub> O a Heterogeneous Acidic System for a Mild and Convenient Reduction of Carbonyl Compounds under Protic Condition. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 453-457.	0.7	9
99	Water as a Green Solvent for Fast and Efficient Reduction of Carbonyl Compounds with NaBH <sub>4</sub> under Microwave Irradiation. Journal of the Chinese Chemical Society, 2005, 52, 1179-1184.	1.4	21
100	Oxidative Aromatization of Hantzsch Ester 1,4-Dihydropyridines by KBrO <sub>3</sub> /SnCl <sub>4</sub> ·5H <sub>2</sub> O Under Mild Condition. Synthetic Communications, 2005, 35, 557-562.	2.1	21
101	(Pyridine)(tetrahydroborato)zinc Complex Mediated Acetylation of Amines with Ethyl Acetate. Journal of the Chinese Chemical Society, 2004, 51, 801-806.	1.4	9
102	Ultrasound-Promoted Reduction of Conjugated Enones, $\alpha,\beta$ -Diketones and Acyloins with NaBH <sub>4</sub> under Aprotic Condition. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 699-703.	0.7	7
103	Reduction of Carbonyl Compounds with NaBH <sub>4</sub> under Ultrasound Irradiation and Aprotic Condition. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 704-710.	0.7	6
104	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
105	First and Efficient Method for Reduction of Aliphatic and Aromatic Nitro Compounds with Zinc Borohydride as Pyridine Zinc Tetrahydroborato Complex: A New Stable Ligand-Metal Borohydride. Journal of the Chinese Chemical Society, 2003, 50, 267-271.	1.4	15
106	Modified Hydroborate Agent: (2,2'-Bipyridyl)(tetrahydroborato)zinc Complex, [Zn(BH <sub>4</sub> ) <sub>2</sub> (bpy)], as a New, Stable, Efficient Ligand-Metal Hydroborate and Chemoselective Reducing Agent. Bulletin of the Chemical Society of Japan, 2003, 76, 317-326.	3.2	21
107	Titanyl Acetylacetonate as an Efficient Catalyst for a Mild and Convenient Reduction of Carbonyl Compounds with NaBH <sub>4</sub> under Aprotic Condition. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 1220-1226.	0.7	4
108	Oxidative Coupling of Thiols to Disulfides with Iodine in Wet Acetonitrile. Journal of Chemical Research, 2002, 2002, 564-566.	1.3	30

#	ARTICLE	IF	CITATIONS
109	TiCl <sub>3</sub> (OTf) and TiO(TFA) <sub>2</sub> Efficient Catalysts for Ring Opening of Epoxides with Alcohols, Acetic Acid and Water. Synthetic Communications, 1999, 29, 1017-1024.	2.1	40
110	conversion of trimethylsilyl ethers to acetyl or formyl esters with TiCl <sub>4</sub> . Synthetic Communications, 1999, 29, 2123-2128.	2.1	9
111	Microwave-promoted Trifluoroacetylation of Amines with TiO(CF <sub>3</sub> CO) <sub>2</sub> . Journal of Chemical Research, 1999, 23, 124-125.	1.3	1
112	Modified Borohydride Agents, (1,4-Diazabicyclo[2.2.2]octane)(tetrahydroborato)zinc Complex [Zn(BH <sub>4</sub> ) <sub>2</sub> (dabco)]. A New Ligand Metal Borohydride as a Stable, Efficient, and Versatile Reducing Agent. Bulletin of the Chemical Society of Japan, 1997, 70, 155-167.	3.2	29
113	Synthesis of quaternary metal oxides immobilized on APTMS-coated magnetite: an efficient and reusable nanocatalyst for Knoevenagel condensation under green conditions. Canadian Journal of Chemistry, 0, , 1-9.	1.1	0