

Behzad Zeynizadeh

List of Publications by Year in descending order

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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	Dithiocarbamate to modify magnetic graphene oxide nanocomposite (Fe ₃ O ₄ -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
2	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
3	The use of κ -carrageenan/Fe ₃ O ₄ nanocomposite as a nanomagnetic catalyst for clean synthesis of rhodanines. <i>Catalysis Communications</i> , 2015, 68, 77-83.	3.3	68
4	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
5	Thiourea bridged periodic mesoporous organosilica with ultra-small Pd nanoparticles for coupling reactions. <i>RSC Advances</i> , 2017, 7, 56306-56310.	3.6	57
6	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
7	NaBH ₄ /Charcoal: A New Synthetic Method for Mild and Convenient Reduction of Nitroarenes. <i>Synthetic Communications</i> , 2006, 36, 2699-2704.	2.1	49
8	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
9	Synthesis and characterization of the immobilized Ni ²⁺ -Zn ²⁺ -Fe layered double hydroxide (LDH) on silica-coated magnetite as a mesoporous and magnetically reusable catalyst for the preparation of benzylidenemalononitriles and bisdimedones (tetraketones) under green conditions. <i>New Journal of Chemistry</i> , 2018, 42, 8553-8566.	2.8	49
10	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
11	Wet THF as a Suitable Solvent for a Mild and Convenient Reduction of Carbonyl Compounds with NaBH ₄ . <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 307-315.	3.2	47
12	Synthesis and characterization of NiFe ₂ O ₄ @Cu nanoparticles as a magnetically recoverable catalyst for reduction of nitroarenes to arylamines with NaBH ₄ . <i>Journal of Colloid and Interface Science</i> , 2017, 500, 285-293.	9.4	46
13	Cellulose supported bimetallic Fe ²⁺ -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
14	TiCl ₃ (OTf) and TiO(TFA) ₂ Efficient Catalysts for Ring Opening of Epoxides with Alcohols, Acetic Acid and Water. <i>Synthetic Communications</i> , 1999, 29, 1017-1024.	2.1	40
15	Green and convenient protocols for the efficient reduction of nitriles and nitro compounds to corresponding amines with NaBH ₄ in water catalyzed by magnetically retrievable CuFe ₂ O ₄ nanoparticles. <i>Research on Chemical Intermediates</i> , 2019, 45, 3329-3357.	2.7	40
16	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
17	Reduction of 4-nitrophenol by a disused adsorbent: EDA-functionalized magnetic cellulose nanocomposite after the removal of Cu ²⁺ . <i>Carbohydrate Polymers</i> , 2019, 211, 298-307.	10.2	37
18	The immobilized Cu nanoparticles on magnetic montmorillonite (MMT@Fe ₃ O ₄ @Cu): As an efficient and reusable nanocatalyst for reduction and reductive-acetylation of nitroarenes with NaBH ₄ . <i>Polyhedron</i> , 2020, 175, 114201.	2.2	33

#	ARTICLE	IF	CITATIONS
19	Fast and efficient method for reduction of carbonyl compounds with NaBH ₄ /wet SiO ₂ under solvent free condition. Journal of the Brazilian Chemical Society, 2005, 16, 1200-1209.	0.6	32
20	Oxidative Coupling of Thiols to Disulfides with Iodine in Wet Acetonitrile. Journal of Chemical Research, 2002, 2002, 564-566.	1.3	30
21	Binary copper and iron oxides immobilized on silica-layered magnetite as a new reusable heterogeneous nanostructure catalyst for the Knoevenagel condensation in water. Research on Chemical Intermediates, 2018, 44, 6053-6070.	2.7	30
22	Modified Borohydride Agents, (1,4-Diazabicyclo[2.2.2]octane)(tetrahydroborato)zinc Complex [Zn(BH ₄) ₂ (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
23	One-pot reductive-acetylation of nitroarenes with NaBH ₄ catalyzed by separable core-shell Fe ₃ O ₄ @Cu(OH) _x nanoparticles. Journal of Colloid and Interface Science, 2017, 485, 99-105.	9.4	29
24	Synthesis of Acridinediones and Biscoumarins Using Fe ₃ O ₄ @SiO ₂ @Ni-Zn-Fe LDH as an Efficient Magnetically Recoverable Mesoporous Catalyst. Polycyclic Aromatic Compounds, 2021, 41, 15-32.	2.6	29
25	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. Journal of Molecular Catalysis A, 2016, 416, 88-95.	4.8	28
26	Efficient H ₂ Generation Using Thiourea-based Periodic Mesoporous Organosilica with Pd Nanoparticles. Chemistry Letters, 2018, 47, 1243-1245.	1.3	27
27	Seaweed-derived Î-carrageenan: Modified Î-carrageenan as a recyclable green catalyst in the multicomponent synthesis of aminophosphonates and polyhydroquinolines. Journal of Applied Polymer Science, 2016, 133, .	2.6	25
28	Synthesis and characterization of a magnetic graphene oxide/Zn-Fe layered double hydroxide nanocomposite: an efficient mesoporous catalyst for the green preparation of biscoumarins. New Journal of Chemistry, 2019, 43, 18794-18804.	2.8	24
29	Ni ₂ B@Cu ₂ O and Ni ₂ B@CuCl ₂ : 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. Research on Chemical Intermediates, 2018, 44, 7331-7352.	2.7	23
30	Modified Hydroborate Agent: (2,2'-Bipyridyl)(tetrahydroborato)zinc Complex, [Zn(BH ₄) ₂ (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
31	Water as a Green Solvent for Fast and Efficient Reduction of Carbonyl Compounds with NaBH ₄ under Microwave Irradiation. Journal of the Chinese Chemical Society, 2005, 52, 1179-1184.	1.4	21
32	Oxidative Aromatization of Hantzsch Ester 1,4-dihydropyridines by KBrO ₃ /SnCl ₄ ·5H ₂ O Under Mild Condition. Synthetic Communications, 2005, 35, 557-562.	2.1	21
33	Synthesis of magnetic Fe ₃ O ₄ @SiO ₂ @Cu-Ni-Fe-Cr LDH: an efficient and reusable mesoporous catalyst for reduction and one-pot reductive-acetylation of nitroarenes. Journal of the Iranian Chemical Society, 2018, 15, 2821-2837.	2.2	21
34	Sulfonyl-bridged (copper-immobilized nickel ferrite) with activated montmorillonite, [(NiFe ₂ O ₄) ₂ @Cu]SO ₂ (MMT): a new class of magnetically separable clay nanocomposite systems towards Hantzsch synthesis of coumarin-based 1,4-dihydropyridines. RSC Advances, 2019, 9, 8002-8015.	3.6	21
35	NiO NPs anchored on acid-activated montmorillonite (NiO-Mont) as a highly efficient and reusable nanocatalyst for synthesis of biscoumarins and bisdimedones. Research on Chemical Intermediates, 2019, 45, 1227-1248.	2.7	21
36	Magnetically recoverable CuFe ₂ O ₄ nanoparticles as an efficient heterogeneous catalyst for green formylation of alcohols. Current Chemistry Letters, 2018, , 121-130.	1.6	21

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37	A Green Protocol for Solvent-Free Conversion of Epoxides to Thiiranes with Dowex-50WX8â€”Supported Thiourea. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 362-368.	1.6	20
38	Immobilized copper-layered nickel ferrite on acid-activated montmorillonite, [(NiFe ₂ O ₄)@Cu](H ⁺ -Mont)], as a superior magnetic nanocatalyst for the green synthesis of xanthene derivatives. RSC Advances, 2019, 9, 28038-28052.	3.6	20
39	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
40	Simple and Practical Synthesis of Various New Nickel Boride-Based Nanocomposites and their Applications for the Green and Expeditious Reduction of Nitroarenes to Arylamines under Wet-Solvent-Free Mechanochemical Grinding. Australian Journal of Chemistry, 2018, 71, 595.	0.9	19
41	Two different facile and efficient approaches for the synthesis of various N-arylamines via N-acetylation of arylamines and straightforward one-pot reductive acetylation of nitroarenes promoted by recyclable CuFe ₂ O ₄ nanoparticles in water. Green Processing and Synthesis, 2019, 8, 742-755.	3.4	19
42	Anchored sulfonic acid on silica-layered NiFe ₂ O ₄ : A magnetically reusable nanocatalyst for Hantzsch synthesis of 1,4-dihydropyridines. Polyhedron, 2019, 168, 57-66.	2.2	19
43	One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i>)-ones and Their Sulfur Derivatives with H ₂ SO ₄ Supported on Silica Gel or Alumina. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 1722-1728.	1.6	17
44	Magnetically separable nano CuFe ₂ O ₄ : an efficient and reusable heterogeneous catalyst for the green synthesis of thiiranes from epoxides with thiourea. Journal of Sulfur Chemistry, 2016, 37, 537-545.	2.0	17
45	Magnetically nano coreâ€”shell Fe ₃ O ₄ @Cu(OH) _x : a highly efficient and reusable catalyst for rapid and green reduction of nitro compounds. Journal of the Iranian Chemical Society, 2017, 14, 101-109.	2.2	17
46	Deposited zirconocene chloride on silica-layered CuFe ₂ O ₄ as a highly efficient and reusable magnetically nanocatalyst for one-pot Suzuki-Miyaura coupling reaction. Journal of Organometallic Chemistry, 2018, 856, 70-77.	1.8	17
47	Strongly proton exchanged montmorillonite K10 (H ⁺ -Mont) as a solid acid catalyst for highly efficient and environmental benign synthesis of biscoumarins via tandem Knoevenagelâ€”Michael reaction. Polyhedron, 2019, 168, 48-56.	2.2	17
48	Ultrasound-Mediated Synthesis of 3,4-Dihydropyrimidin-2-(1 <i>H</i>)-Ones (or Thiones) with NaHSO ₄ ·H ₂ O. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1634-1642.	1.6	16
49	Rapid and green reduction of aromatic/aliphatic nitro compounds to amines with NaBH ₄ and additive Ni ₂ B in H ₂ O. Journal of the Iranian Chemical Society, 2015, 12, 1221-1226.	2.2	16
50	Green and Highly Efficient Strategies for the Straightforward Reduction of Carboxylic Acids to Alcohols Using Four Different and Affordable Types of Hydrogen Donors. Industrial & Engineering Chemistry Research, 2019, 58, 16379-16388.	3.7	16
51	Application of Cu(Hdmg) ₂ as a simple and costâ€”effective catalyst for the convenient oneâ€”pot reductive acetylation of aromatic nitro compounds. Journal of the Chinese Chemical Society, 2019, 66, 928-933.	1.4	16
52	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
53	First and Efficient Method for Reduction of Aliphatic and Aromatic Nitro Compounds with Zinc Borohydride as Pyridine Zinc Tetrahydroborate Complex: A New Stable Ligandâ€”Metal Borohydride. Journal of the Chinese Chemical Society, 2003, 50, 267-271.	1.4	15
54	Solvent-Free Conversion of Epoxides to Thiiranes by Thiourea/NH ₄ Cl System. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2280-2286.	1.6	15

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55	The Efficient Synthesis of 3,4-Dihydropyrimidin-2-(1 <i>H</i>)-Ones and Their Sulfur Derivatives with SO_4 Immobilized on Activated Charcoal. Phosphorus, Sulfur and Silicon and the Related Elements, 2012, 187, 544-553.	1.6	15
56	Cu nanoparticles: a highly efficient non-noble metal catalyst for rapid reduction of nitro compounds to amines with NaBH_4 in water. Journal of the Iranian Chemical Society, 2016, 13, 1487-1492.	2.2	15
57	A green and efficient Pd-free protocol for the Suzuki–Miyaura cross-coupling reaction using $\text{Fe}_3\text{O}_4@ \text{APTMS}@ \text{Cp}2\text{ZrCl}_x$ ($x = 0, 1, 2$) MNPs in PEG-400. Research on Chemical Intermediates, 2020, 46, 3361-3382.	2.7	15
58	Synthesis and characterization of magnetically nanoparticles of $\text{Fe}_3\text{O}_4@ \text{APTMS}@ \text{ZrCp}2$ as a novel and reusable catalyst for convenient reduction of nitro compounds with glycerol. Journal of the Iranian Chemical Society, 2017, 14, 2649-2657.	2.2	14
59	The immobilized Ni(II)–thiourea complex on silica–layered copper ferrite: A novel and reusable nanocatalyst for one-pot reductive acetylation of nitroarenes. Applied Organometallic Chemistry, 2019, 33, e4771.	3.5	14
60	Synthesis of Ni nanoparticles anchored on cellulose using different reducing agents and their applications towards reduction of 4-nitrophenol. Polyhedron, 2019, 166, 196-202.	2.2	14
61	Chemoselective reduction of nitroarenes, N-acetylation of arylamines, and one-pot reductive acetylation of nitroarenes using carbon-supported palladium catalytic system in water. Research on Chemical Intermediates, 2021, 47, 3289-3312.	2.7	14
62	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
63	A green protocol for rapid and efficient conversion of epoxides to thiiranes using alumina immobilized thiourea at solvent-free conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 65-69.	1.6	13
64	Green and highly efficient approach for the reductive coupling of nitroarenes to azoxyarenes using the new mesoporous $\text{Fe}_3\text{O}_4@ \text{SiO}_2@ \text{Co}–\text{Zr}–\text{Sb}$ catalyst. Research on Chemical Intermediates, 2020, 46, 2969-2984.	2.7	13
65	Diverse and efficient catalytic applications of new cockscomb flower-like $\text{Fe}_3\text{O}_4@ \text{SiO}_2@ \text{KCC-1}@ \text{MPTMS}@ \text{Cu}^{\text{II}}$ mesoporous nanocomposite in the environmentally benign reduction and reductive acetylation of nitroarenes and one-pot synthesis of some coumarin compounds. RSC Advances, 2022, 12, 11164-11189.	3.6	13
66	New synthesis processes of polyetheramines: Comparison of three different developed amination routes. Materials and Manufacturing Processes, 2017, 32, 1296-1303.	4.7	12
67	Wet SiO_2 As a Suitable Media for Fast and Efficient Reduction of Carbonyl Compounds with NaBH_3CN under Solvent-Free and Acid-Free Conditions. Bulletin of the Korean Chemical Society, 2010, 31, 2961-2966.	1.9	12
68	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
69	Magnetic Fe_3O_4 nanoparticles as recovery catalyst for preparation of oximes under solvent-free condition. Journal of Nanostructure in Chemistry, 2013, 3, 1.	9.1	11
70	Study of linear and nonlinear optical properties of nickel immobilized on acid-activated montmorillonite and copper ferrite nanocomposites. Journal of Molecular Liquids, 2018, 253, 119-126.	4.9	11
71	Green, rapid, and highly efficient syntheses of α,β -unsaturated α -bis[(aryl or allyl)idene]cycloalkanones and 2α [(aryl or allyl)idene] β -indanones as potentially biologic compounds via solvent-free microwave-assisted Claisen–Schmidt condensation catalyzed by MoCl_5 . Journal of the Chinese Chemical Society, 2020, 67, 623-637.	1.4	11
72	A Mild and Convenient Reduction of Nitro Compounds with $\text{NaBH}_4/\text{SbF}_3$ System in Wet CH_3CN . Journal of Chemical Research, 2006, 2006, 542-544.	1.3	10

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73	A Practical and Eco-Friendly Method for Conversion of Epoxides to Thiiranes with Immobilized Thiourea on CaCO ₃ . Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 2208-2215.	1.6	10
74	Synthesis of GO and rGO@Fe ₃ O ₄ @Ni as remarkable nanocatalyst systems for solvent-free and chemoselective coupling reactions of dimedone with aromatic aldehydes. Applied Organometallic Chemistry, 2021, 35, e6321.	3.5	10
75	A New and Convenient Method for Reduction of Oximes to Amines with NaBH ₃ CN In the Presence of MoCl ₅ /NaHSO ₄ ·H ₂ O System. Bulletin of the Korean Chemical Society, 2011, 32, 3323-3326.	1.9	10
76	Introducing rGO@Fe ₃ O ₄ @Ni as an efficient magnetic nanocatalyst for the synthesis of tetrahydrobenzopyranes via multicomponent coupling reactions of dimedone, malononitrile, and aromatic aldehydes. Applied Organometallic Chemistry, 2022, 36, e6496.	3.5	10
77	conversion of trimethylsilyl ethers to acetyl or formyl esters with TiCl ₄ . Synthetic Communications, 1999, 29, 2123-2128.	2.1	9
78	(Pyridine)(tetrahydroborato)zinc Complex Mediated Acetylation of Amines with Ethyl Acetate. Journal of the Chinese Chemical Society, 2004, 51, 801-806.	1.4	9
79	NaBH ₄ /NaHSO ₄ ·H ₂ 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
80	Fast, Efficient and Regioselective Conversion of Epoxides to 1 ² -Hydroxy Thiocyanates with NH ₄ SCN/Zeolite Molecular Sieve 4 Å, under Solvent-Free Conditions. Bulletin of the Korean Chemical Society, 2011, 32, 630-634.	1.9	9
81	Nano-Fe ₃ O ₄ @SiO ₂ ·6H ₂ O: A magnetic, reusable solid-acid catalyst for solvent-free reduction of oximes to amines with the NaBH ₃ CN/ZrCl ₄ system. Journal of the Chinese Chemical Society, 2019, 66, 535-542.	1.4	9
82	Mild and Convenient Method for Reduction of Carbonyl Compounds with the NaBH ₄ /Charcoal System in Wet THF. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 1275-1281.	0.7	8
83	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
84	NaHSO ₄ ·H ₂ 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	Green Formylation of Alcohols Catalyzed by Magnetic Nanoparticles of the Core-Shell Fe ₃ O ₄ @SiO ₂ -SO ₃ H. Iranian Journal of Science and Technology, Transaction A: Science, 2019, 43, 819-827.	1.5	8
86	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
87	A Rapid and Practical Protocol for Solvent-Free Reduction of Oximes to Amines with NaBH ₄ /ZrCl ₄ /Al ₂ O ₃ System. Bulletin of the Korean Chemical Society, 2011, 32, 3448-3452.	1.9	8
88	Ni ^{II} NPs entrapped within a matrix of γ -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. RSC Advances, 2022, 12, 16454-16478.	3.6	8
89	Ultrasound-Promoted Reduction of Conjugated Enones, 1,2-Diketones and Acyloins with NaBH ₄ under Aprotic Condition. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 699-703.	0.7	7
90	4Å... molecular sieves catalyzed ring-opening of epoxides to 1,2-diacetates with acetic anhydride. Current Chemistry Letters, 2015, 4, 153-158.	1.6	6

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91	Impregnated copper on Fe ₃ O ₄ : 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
92	Cascade synthesis of fused polycyclic dihydropyridines by Ni ^{II} /Zn ^{II} /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
93	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
94	Reduction of Carbonyl Compounds with NaBH ₄ under Ultrasound Irradiation and Aprotic Condition. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 704-710.	0.7	6
95	First Report for the Efficient Reduction of Oximes to Amines with Zinc Borohydride in the form of (Pyridine)(tetrahydroborato)zinc Complex. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 109-112.	1.4	5
96	The efficient solvent-free reduction of oximes to amines with NaBH ₃ CN catalyzed by ZrCl ₄ /nano Fe ₃ O ₄ system. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 873-878.	2.2	5
97	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
98	A hassle-free and cost-effective transfer hydrogenation strategy for the chemoselective reduction of aryl nitriles to primary amines through in situ-generated nickel(II) dihydride intermediate in water. <i>Journal of Molecular Structure</i> , 2022, 1255, 131926.	3.6	5
99	Titanyl Acetylacetonate as an Efficient Catalyst for a Mild and Convenient Reduction of Carbonyl Compounds with NaBH ₄ under Aprotic Condition. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 1220-1226.	0.7	4
100	A highly efficient protocol for regioselective ring-opening of epoxides with alcohols, water, acetic acid, and acetic anhydride catalyzed by SbF ₃ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1051-1056.	1.6	4
101	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
102	The immobilized copper species on nickel ferrite (NiFe ₂ O ₄ @Cu): a magnetically reusable nanocatalyst for one-pot and quick reductive acetylation of nitroarenes to N-arylamides. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 859-870.	2.2	4
103	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
104	Titanyl Acetylacetonate as an Efficient Catalyst for Regioselective 1,2-Reduction of α,β -Unsaturated Carbonyl Compounds and Conversion of α,β -Diketones & Acyls to Vicinal Diols with Sodium Borohydride. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 525-530.	1.4	3
105	KBrO ₃ /FeCl ₃ as an Efficient Oxidising System for Aromatisation of Hantzsch 1,4-dihydropyridines in Wet Acetonitrile. <i>Journal of Chemical Research</i> , 2005, 2005, 657-658.	1.3	2
106	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
107	The promoted synthesis of minoxidil by magnetic nanoparticles of cobalt ferrite (CoFe ₂ O ₄) as a heterogeneous reusable catalyst. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1425-1435.	1.2	2
108	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

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109	Sulfonic acid anchored on silica, SiO ₂ @SO ₃ H: A superior solid acid catalyst for quick and solvent-free reductive-deoxygenation of ketones with NaBH ₃ CN. Journal of the Chinese Chemical Society, 2018, 65, 1521-1528.	1.4	1
110	Microwave-promoted Trifluoroacetylation of Amines with TiO(CF ₃ CO ₂) ₂ . Journal of Chemical Research, 1999, 23, 124-125.	1.3	1
111	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 ₄ . Current Organic Synthesis, 2019, 16, 1010-1023.	1.3	1
112	A uniformly anchored zirconocene complex on magnetic reduced graphene oxide (rGO@Fe ₃ O ₄ /ZrCp ₂ Cl _x (x = 0, 1, 2)) as a novel and reusable nanocatalyst for synthesis of N-arylamides and reductive-acetylation of nitroarenes. RSC Advances, 2022, 12, 15020-15037.	3.6	1
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