Ali Reza Kiasat

List of Publications by Year
in descending order

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109 papers	2,119 citations	236925 25 h-index	315739 38 g-index
116 all docs	116 docs citations	116 times ranked	1819 citing authors

#	Article	IF	Citations
1	Fe3O4@silica sulfuric acid nanoparticles: An efficient reusable nanomagnetic catalyst as potent solid acid for one-pot solvent-free synthesis of indazolo[2,1-b]phthalazine-triones and pyrazolo[1,2-b]phthalazine-diones. Journal of Molecular Catalysis A, 2013, 373, 46-54.	4.8	126
2	Magnetic nanoparticles grafted with Î²-cyclodextrinâ€“polyurethane polymer as a novel nanomagnetic polymer brush catalyst for nucleophilic substitution reactions of benzyl halides in water. Journal of Molecular Catalysis A, 2012, 365, 80-86.	4.8	85
3	Nano magnetic double-charged diazoniabicyclo[2.2.2]octane dichloride silica hybrid: Synthesis, characterization, and application as an efficient and reusable organicâ€“inorganic hybrid silica with ionic liquid framework for one-pot synthesis of pyran annulated heterocyclic compounds in water. Journal of Molecular Catalysis A, 2013, 376, 78-89.	4.8	70
4	PEG-SO3H as eco-friendly polymeric catalyst for regioselective ring opening of epoxides using thiocyanate anion in water: An efficient route to synthesis of Î²-hydroxy thiocyanate. Catalysis Communications, 2008, 9, 1497-1500.	3.3	65
5	Poly(ethylene glycol) Grafted onto Dowex Resin: An Efficient, Recyclable, and Mild Polymer-Supported Phase Transfer Catalyst for the Regioselective Azidolysis of Epoxides in Water. Journal of Organic Chemistry, 2008, 73, 8382-8385.	3.2	59
6	Catalytic application of silver nanoparticles immobilized to rice husk-SiO2-aminopropylsilane composite as recyclable catalyst in the aqueous reduction of nitroarenes. Catalysis Communications, 2013, 41, 6-11.	3.3	48
7	Experimental and theoretical study on one-pot, three-component route to 2H-indazolo[2,1-b]phthalazine-triones catalyzed by nano-alumina sulforic acid. Journal of Molecular Structure, 2013, 1036, 216-225.	3.6	43
8	Pb(II) removal from aqueous solution by polyacrylic acid stabilized zero-valent iron nanoparticles: process optimization using response surface methodology. Research on Chemical Intermediates, 2014, 40, 431-445.	2.7	40
9	3D-network porous polymer based on calix[4]resorcinarenes as an efficient phase transfer catalyst in regioselective conversion of epoxides to azidohydrins. Catalysis Communications, 2012, 29, 1-5.	3.3	39
10	Nano BrÃ¶nsted solid acid containing double-charged diazoniabi-cyclo[2.2.2]octane chloride supported on nano rice husk silica: an efficient catalyst for the one-pot synthesis of phthalazine compounds. RSC Advances, 2015, 5, 7986-7993.	3.6	39
11	Synthesis, characterization and application of magnetic room temperature dicationic ionic liquid as an efficient catalyst for the preparation of 1,2-azidoalcohols. Journal of Molecular Liquids, 2013, 183, 14-19.	4.9	38
12	Melamine supported on hydroxyapatite-encapsulated-Î³-Fe2O3: a novel superparamagnetic recyclable basic nanocatalyst for the synthesis of 1,4-dihydropyridines and polyhydroquinolines. Research on Chemical Intermediates, 2015, 41, 7227-7244.	2.7	38
13	B(HSO4)3: a novel and efficient solid acid catalyst for the regioselective conversion of epoxides to thiocyanohydrins under solvent-free conditions. Journal of the Brazilian Chemical Society, 2008, 19, 1595-1599.	0.6	37
14	Nanomagnetic double-charged diazoniabicyclo[2.2.2]octane dichloride silica as a novel nanomagnetic phase-transfer catalyst for the aqueous synthesis of benzyl acetates and thiocyanates. Catalysis Communications, 2013, 42, 98-103.	3.3	37
15	Î²-Cyclodextrin conjugated magnetic nanoparticles as a novel magnetic microvessel and phase transfer catalyst: synthesis and applications in nucleophilic substitution reaction of benzyl halides. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 76, 363-368.	1.6	37
16	Polyacrylonitrile/Fe(III) metal-organic framework fibrous nanocomposites designed for tissue engineering applications. Materials Chemistry and Physics, 2019, 229, 242-250.	4.0	37
17	A facile and convenient method for synthesis of alkyl thiocyanates under homogeneous phase transfer catalyst conditions. Chinese Chemical Letters, 2008, 19, 1301-1304.	9.0	36
18	Fe3O4@Silica sulfuric acid coreâ€“shell composite as a novel nanomagnetic solid acid: synthesis, characterization and application as an efficient and reusable catalyst for one-pot synthesis of 3,4-dihydropyrimidinones/thiones under solvent-free conditions. Research on Chemical Intermediates, 2015, 41, 2991-3001.	2.7	36

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19	Phospho sulfonic acid: a versatile and efficient solid acid catalyst for facile synthesis of bis-(4-hydroxycoumarin-3-yl) methanes under solvent-free conditions. Research on Chemical Intermediates, 2015, 41, 873-880.	2.7	35
20	Immobilization of Î²-cyclodextrin onto Dowex resin as a stationary microvessel and phase transfer catalyst. Catalysis Communications, 2010, 11, 484-486.	3.3	33
21	Covalently anchored n-propyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride on SBA-15 as a basic nanocatalyst for the synthesis of pyran heterocyclic compounds. RSC Advances, 2014, 4, 4403-4412.	3.6	33
22	Hybrid Aerogel Nanocomposite of Dendritic Colloidal Silica and Hairy Nanocellulose: an Effective Dye Adsorbent. Langmuir, 2020, 36, 11963-11974.	3.5	32
23	Designing of a novel dual-function silica-iron oxide hybrid based nanocomposite, Fe 3 O 4 @SiO 2 PEG/NH 2 , and its application as an eco-catalyst for the solvent-free synthesis of polyhydroacridines and polyhydroquinolines. Journal of the Taiwan Institute of Chemical Engineers, 2017, 81, 373-382.	5.3	31
24	Poly(4-vinylpyridinium butane sulfonic acid) hydrogen sulfate: An efficient, heterogeneous poly(ionic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf quinolines under solvent-free conditions. Chinese Journal of Catalysis, 2013, 34, 1861-1868.	14.0	29
25	Synthesis and characterization of dicationic 4,4â€²-bipyridinium dichloride ordered mesoporous silica nanocomposite and its application in the preparation of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives. RSC Advances, 2015, 5, 25816-25823.	3.6	28
26	CHEMOSELECTIVE REDUCTION OF AZIDES WITH SODIUM SULFIDE HYDRATE UNDER SOLVENT FREE CONDITIONS. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1813-1817.	1.6	25
27	An efficient catalyst-free ring opening of epoxides in peg-300: A versatile method for the synthesis of vicinal azidoalcohols. Journal of the Iranian Chemical Society, 2009, 6, 542-546.	2.2	25
28	Multifunctional Fe₃O₄@nSiO₂@mSiO₂/Pr-Imi-NH₂Â·Ag coreâ€“shell microspheres as highly efficient catalysts in the aqueous reduction of nitroarenes: improved catalytic activity and facile catalyst recovery. RSC Advances, 2016, 6, 41871-41877.	3.6	25
29	Nucleophilic ring-opening of epoxides: trends in Î²-substituted alcohols synthesis. Journal of the Iranian Chemical Society, 2018, 15, 2033-2081.	2.2	25
30	A simple and rapid protocol for the synthesis of phenacyl derivatives using macroporous polymer-supported reagents. Molecular Diversity, 2010, 14, 155-158.	3.9	24
31	Synthesis and characterization of SBA-polyperoxyacid: An efficient heterogeneous solid peroxyacid catalyst for epoxidation of alkenes. Catalysis Communications, 2014, 46, 75-80.	3.3	24
32	Î²-Cyclodextrin based polyurethane as eco-friendly polymeric phase transfer catalyst in nucleophilic substitution reactions of benzyl halides in water: An efficient route to synthesis of benzyl thiocyanates and acetates. Catalysis Science and Technology, 2012, 2, 1056.	4.1	23
33	Immobilized silver nanoparticles on silica gel as an efficient catalyst in nitroarene reduction. Chinese Chemical Letters, 2010, 21, 1015-1019.	9.0	22
34	Application of Î²-cyclodextrin-polyurethane as a stationary microvessel and solidâ€“liquid phase-transfer catalyst: Preparation of benzyl cyanides and azides in water. Catalysis Communications, 2012, 18, 102-105.	3.3	22
35	SOLVENT-FREE CONVERSION OF OXIRANES TO THIIRANES WITH THIOUREA. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1841-1844.	1.6	21
36	MCM-41 bound dibenzo-18-crown-6 ether: a recoverable phase-transfer nano catalyst for smooth and regioselective conversion of oxiranes to Î²-azidohydrins and Î²-cyanohydrins in water. RSC Advances, 2015, 5, 92387-92393.	3.6	21

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37	Fabrication and Characterization of Fe(III) Metal-organic Frameworks Incorporating Polycaprolactone Nanofibers: Potential Scaffolds for Tissue Engineering. Fibers and Polymers, 2020, 21, 1013-1022.	2.1	21
38	A green, catalyst-free synthesis of pyrazolopyranopyrimidines in polyethylene glycol as a biodegradable medium at ambient temperature. Molecular Diversity, 2019, 23, 639-649.	3.9	20
39	Facile Conversion of Epoxides to Thiiranes with Ammonium Thiocyanate Catalyzed with Oxalic Acid. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 1333-1337.	1.6	18
40	Al(HSO4)3/silica gel as a novel catalytic system for the ring opening of epoxides with thiocyanate anion under solvent-free conditions. Chinese Chemical Letters, 2010, 21, 146-150.	9.0	17
41	One-Pot Synthesis of 2H-Indazolo[2,1-b]phthalazinetrione Catalyzed by Magnetic Room Temperature Dicationic Ionic Liquid under Solvent-Free Conditions. Heterocycles, 2013, 87, 559.	0.7	17
42	Designing bifunctional acidâ€“base mesoporous organosilica nanocomposite and its application in green synthesis of 4H-chromen-4-yl phosphonate derivatives under ultrasonic irradiation. Microporous and Mesoporous Materials, 2016, 223, 10-17.	4.4	17
43	Intensification of Extraction of Antioxidant Compounds from Moringa Oleifera Leaves Using Ultrasound-Assisted Approach: BBD-RSM Design. International Journal of Fruit Science, 2021, 21, 693-705.	2.4	17
44	Dabco/SOCl 2 , Mild, and Convenient Reagent for the Preparation of Symmetrical Carboxylic Acid Anhydrides. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 2287-2291.	1.6	16
45	Regioselective ring opening of epoxides using NH4SCN/silica sulfuric acid: An efficient approach for the synthesis of Î²-hydroxy thiocyanate under solvent-free conditions. Chinese Chemical Letters, 2008, 19, 665-668.	9.0	16
46	A Novel Oneâ€Step Synthesis of Symmetrical Dialkyl Trithiocarbonates in the Presence of Phaseâ€Transfer Catalysis. Journal of the Chinese Chemical Society, 2008, 55, 639-642.	1.4	16
47	Green Regioselective Azidolysis of Epoxides Catalyzed by Multiâ€Site Phaseâ€Transfer Catalyst. Journal of the Chinese Chemical Society, 2009, 56, 594-599.	1.4	16
48	Synthesis and characterization of a novel nano-Fe3O4-copoly[(styrene/acrylic acid)/grafted ethylene oxide and its application as a magnetic and recyclable phase-transfer catalyst in the preparation of Î²-azido alcohols and Î²-nitro alcohols. Research on Chemical Intermediates, 2016, 42, 581-594.	2.7	16
49	Bifunctional PEG/NH 2 silica-coated magnetic nanocomposite: An efficient and recoverable coreâ€“shell-structured catalyst for one pot multicomponent synthesis of 3-alkylated indoles via Yonemitsu-type condensation. Journal of the Taiwan Institute of Chemical Engineers, 2018, 87, 241-251.	5.3	16
50	The effect of surfactant on the solâ€“gel synthesis of alumina-zirconia nanopowders. Ceramics International, 2018, 44, 19963-19969.	4.8	16
51	PEG-SO3H as Soluble Acidic Polymeric Catalyst for Regioselective Ring Opening of Epoxides: A High-Efficient Synthetic Approach to Î²-Hydroxy Thiocyanates. Synthetic Communications, 2008, 38, 2995-3002.	2.1	15
52	Facile synthesis of an organicâ€“inorganic nanocomposite, PEGâ€“silica, by solâ€“gel method; its characterization and application as an efficient catalyst in regioselective nucleophilic ring opening of epoxides: Preparation of Î²-azido alcohols and Î²-cyanohydrins. Comptes Rendus Chimie, 2014, 17, 124-130.	0.5	15
53	n-Propyl-4-aza-1-azoniabicyclo[2.2.2]octane chloride-SBA-15 (SBA-DABCO) as basic mesoporous catalyst for the synthesis of 1,4-dihydropyridine hetrocyclic compounds. Catalysis Communications, 2015, 69, 179-182.	3.3	15
54	Synthesis, characterization, and application of poly(4-vinylpyridinium butane sulfonic acid) hydrogen sulfate as a novel poly(ionic liquid) and heterogeneous solid acid catalyst for the preparation of 1,8-dioxo-octahydroxanthenes. Research on Chemical Intermediates, 2015, 41, 319-326.	2.7	15

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55	Biotemplated Hollow Mesoporous Silica Particles as Efficient Carriers for Drug Delivery. ACS Applied Bio Materials, 2021, 4, 4201-4214.	4.6	15
56	Dowex Polymerâ€“Mediated Protection of Carbonyl Groups. Synthetic Communications, 2005, 35, 2231-2236.	2.1	14
57	Melamine Sulfonic Acid: A Recoverable Catalyst for the Ecofriendly Synthesis of Thiocyanohydrins Under Solvent-Free Conditions. Synthetic Communications, 2010, 40, 1551-1558.	2.1	14
58	An efficient and new protocol for the Heck reaction using palladium nanoparticleâ€engineered dibenzoâ€18â€crownâ€6â€ether/MCMâ€41 nanocomposite in water. Applied Organometallic Chemistry, 2018, 32, e4271.	3.5	14
59	Fe₃O₄@SiO₂/Bipyridinium Nanocomposite as a Magnetic and Recyclable Heterogeneous Catalyst for the Synthesis of Highly Substituted Imidazoles Via Multi-Component Condensation Strategy. Polycyclic Aromatic Compounds, 2021, 41, 761-771.	2.6	14
60	Efficient Conversion of Oxiranes to Thiiranes with Thiourea Catalyzed with Ruthenium Trichloride and Alumina. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 176, 135-140.	1.6	13
61	Nuclephilic ring opening of epoxides promoted by multi-site phase-transfer catalyst: An efficient and eco-friendly route to synthesis of Î²-hydroxy-thiocyanate. Chinese Chemical Letters, 2009, 20, 1025-1029.	9.0	13
62	Covalently anchored 2-amino ethyl-3-propyl imidazolium bromideon SBA-15 as a green, efficient and reusable BrÃ¸nsted basic ionic liquid nanocatalyst for one-pot solvent-free synthesis of benzopyranopyrimidines under ultrasonic irradiation. RSC Advances, 2015, 5, 75491-75499.	3.6	13
63	Practical reduction of imines by NaBH4/alumina under solvent-free conditions: An efficient route to secondary amine. Chinese Chemical Letters, 2008, 19, 1167-1170.	9.0	12
64	Dowex as Reusable Acidic Polymeric Catalyst in the Efficient and Regioselective Conversion of Epoxides into Î²â€Hydroxy Thiocyanates under Solvent Free Conditions. Journal of the Chinese Chemical Society, 2008, 55, 1119-1124.	1.4	12
65	Î²-Cyclodextrin nanosponge polymer: a basic and eco-friendly heterogeneous catalyst for the one-pot four-component synthesis of pyranopyrazole derivatives under solvent-free conditions. Reaction Kinetics, Mechanisms and Catalysis, 2018, 124, 767-778.	1.7	12
66	Silver Nanoparticles Engineered Î²-Cyclodextrin/Î³-Fe2O3@ Hydroxyapatite Composite: Efficient, Green and Magnetically Retrievable Nanocatalyst for the Aqueous Reduction of Nitroarenes. Catalysis Letters, 2018, 148, 745-756.	2.6	11
67	Na 2 SO 3 /SOCl 2 , an Efficient Reagent for the Dehydration of Aldoximes to Nitriles. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 1377-1383.	1.6	10
68	Polyethylene Glycol (PEG-400): A Green Reaction Medium for One-Pot, Three Component Synthesis of 3-Substituted Indoles under Catalyst Free Conditions. Polycyclic Aromatic Compounds, 2021, 41, 1883-1891.	2.6	10
69	Fe3O4@nSiO2@mSiO2/DBU: A Novel and Effective Basic Magnetic Nanocatalyst in the Multicomponent One Pot Synthesis of Polyhydroacridines and Polyhydroquinolines. Polycyclic Aromatic Compounds, 2020, , 1-19.	2.6	10
70	Hyper-cross-linked Î²-cyclodextrin nanosponge: a three-dimensional, porous and biodegradable catalyst in the one-pot synthesis of kojic acid-based heterocyclic compounds. Research on Chemical Intermediates, 2020, 46, 1857-1868.	2.7	10
71	Dendritic Fibrous Colloidal Silica Internally Cross-linked by Bivalent Organic Cations: An Efficient Support for Dye Removal and the Reduction of Nitrobenzene Derivatives. Langmuir, 2021, 37, 13676-13688.	3.5	10
72	EFFICIENT REDUCTION OF ORGANIC COMPOUNDS WITH SULFURATED CALCIUM BOROHYDRIDE [Ca(S₃BH₂)₂], A NEW AND STABLE MODIFIED BOROHYDRIDE REAGENT. Phosphorus, Sulfur and Silicon and the Related Elements, 2000, 159, 99-108.	1.6	9

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73	H2SO4O2 AS AN EFFICIENT CATALYST FOR THE PREPARATION OF PHENYLHYDRAZONES AND 2,4-DINITROPHENYLHYDRAZONES UNDER SOLVENT-FREE CONDITIONS. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 569-573.	1.6	9
74	Spectrophotometric Determination of Iron(II) after Solid Phase Extraction of Its 2,2â€² Bipyridine Complex on Silica Gel-Polyethylene Glycol. Journal of Spectroscopy, 2013, 2013, 1-6.	1.3	9
75	Synthesis and characterization of a novel Fe3O4@SiO2/bipyridinium dichloride nanocomposite and its application as a magnetic and recyclable phase-transfer catalyst in the preparation of Î²-azidoalcohols, Î²-cyanohydrins, and Î²-acetoxy alcohols. Comptes Rendus Chimie, 2015, 18, 1297-1306.	0.5	9
76	Nano Al2O3: an efficient and recyclable nanocatalyst for the one-pot preparation of 1-amidoalkyl-2-naphthols under solvent-free conditions. Research on Chemical Intermediates, 2016, 42, 915-922.	2.7	9
77	Synthesis, Characterization and Application of Î²-Cyclodextrin/Imidazolium Based Dicationic Ionic Liquid Supported on Silica Gel as a Novel Catalyst in Hantzsch Condensation Reaction. Polycyclic Aromatic Compounds, 2021, 41, 1094-1106.	2.6	9
78	Efficient synthesis of pyrazolopyranopyrimidines using DBU-based nanomagnetic catalyst. Research on Chemical Intermediates, 2021, 47, 1829-1841.	2.7	9
79	Polyethylene Glycol as a Green and Biocompatible Reaction Media for the Catalyst Free Synthesis of Organic Compounds. Current Organic Chemistry, 2020, 24, 1275-1314.	1.6	9
80	Efficient Reduction of Nitroarenes to the Corresponding Anilines with Sulfur in Basic Media under Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 1385-1389.	1.6	8
81	A CONVENIENT ONE-POT METHOD OF CONVERTING ALCOHOLS INTO OXIMES. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1809-1812.	1.6	8
82	Basic Al2O3 as an Efficient Heterogeneous Reagent for the Synthesis of Symmerical Dialkyl Trithiocarbonates. Synthetic Communications, 2008, 38, 1057-1063.	2.1	8
83	Î²â€Cyclodextrin Immobilized onto Dowex Resin: A Unique Microvessel and Heterogeneous Catalyst in Nucleophilic Substitution Reactions. Chinese Journal of Chemistry, 2012, 30, 699-702.	4.9	8
84	Greener and facile aqueous regioselective synthesis of vicinal azidoalcohols using silica-bound 3-((polyethyleneglycol)ethyl)-8-methyl-1H-imidazol-3-ium bromide as a recyclable catalyst. Journal of the Iranian Chemical Society, 2013, 10, 1175-1181.	2.2	8
85	Silica-Bound 3-{2-[Poly(ethylene Glycol)]ethyl}-Substituted 1-Methyl-1H-imidazol-3-ium Bromide: A Recoverable Phase-Transfer Catalyst for Smooth and Regioselective Conversion of Oxiranes toÎ²-Hydroxynitriles in Water. Helvetica Chimica Acta, 2013, 96, 275-279.	1.6	8
86	Efficiency of chemical composition of some essential oils against Botrytis cinerea, the pathogen of post-harvest strawberry fruits. Journal of Food Measurement and Characterization, 2022, 16, 66-75.	3.2	8
87	A Competent, Atom-Efficient and Sustainable Synthesis of Bis-Coumarin Derivatives Catalyzed over Strontium-Doped Asparagine Modified Graphene Oxide Nanocomposite. Polycyclic Aromatic Compounds, 2022, 42, 7267-7281.	2.6	8
88	NaBH4/S8/Wet neutral alumina; as an efficient reagent for facile synthesis of dialkyl disulfides under solvent free conditions. Journal of Sulfur Chemistry, 2007, 28, 171-176.	2.0	7
89	Facile Solvent-Free Generation of Disulfide Dianion and its Use for Preparation of Symmetrical Disulfides. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 183, 178-182.	1.6	7
90	Synthesis and characterization of bifunctional lipophilic and basic mesoporous organosilica supported palladium nanoparticles as an efficient and ecofriendly nanocomposite in aqueous Heck reaction. RSC Advances, 2016, 6, 81614-81621.	3.6	7

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91	Silica Gel Promoted Highly Regioselective Ring Opening of Epoxides Using NaN3 Under Solvent Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2003, 178, 2387-2392.	1.6	6
92	Basic Alumina as an Efficient Catalyst for Preparation of Semicarbazones in Solvent Free Conditions. Journal of the Chinese Chemical Society, 2007, 54, 1337-1339.	1.4	6
93	Simultaneous preconcentration of Cu(II), Cd(II) and Mn(II) on silica-polyethylene glycol and determination by flame atomic absorption spectrometry. Quimica Nova, 2012, 35, 1945-1949.	0.3	6
94	Synthesis, characterization and application of Î²-cyclodextrin-silica nanocomposite as potential microvessel in nucleophilic substitution reaction of phenacyl halides. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 429-438.	1.6	6
95	Preparation of nanosilica from sugarcane bagasse ash for enhanced insecticidal activity of diatomaceous earth against two stored-products insect pests. Toxin Reviews, 2022, 41, 516-522.	3.4	6
96	A VERSATILE METHOD FOR THE CONVERSION OF ALDOXIMES TO NITRILES USING SILICA GEL/THIONYL CHLORIDE. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 433-436.	1.6	5
97	Synthesis and characterization of novel silica coated magnetic nanoparticles with tags of Î²-cyclodextrin: application as an eco-friendly and chiral micro-vessel catalyst in the enantioselective reduction of ketones. Research on Chemical Intermediates, 2018, 44, 2719-2728.	2.7	5
98	Î²-Cyclodextrin engineered Î³-Fe2O3@ hydroxyapatite nanocomposite as a novel scaffold for the synthesis of phenacyl derivatives. Materials Science and Engineering C, 2018, 92, 356-364.	7.3	4
99	Transesterification of rapeseed oil and waste corn oil toward the production of biodiesel over a basic high surface area magnetic nanocatalyst: application of the response surface methodology in process optimization. New Journal of Chemistry, 2021, 45, 21116-21124.	2.8	4
100	A CLEAN CONVERSION OF CARBONYL COMPOUNDS TO OXIMES USING SILICA GEL SUPPORTED HYDROXYLAMINE HYDROCHLORIDE. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1193-1196.	1.6	3
101	Imidazole Promoted Highly Efficient Large-Scale Thiol-Free Synthesis of Symmetrical Disulfides in Aqueous Media. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1573-1579.	1.6	3
102	Cooperative Activation in the Synthesis of Flavanone Antioxidants Using a Simple and Highly Efficient Magnetically Recoverable Nano-Cu-CoFe2O4 Catalyst. Polycyclic Aromatic Compounds, 2018, 38, 464-478.	2.6	3
103	Crown ether functionalized magnetic hydroxyapatite as ecoâ€friendly microvessel inorganicâ€organic hybrid nanocatalyst in nucleophilic substitution reactions: an approach to benzyl thiocyanate, cyanide, azide and acetate derivatives. Applied Organometallic Chemistry, 2018, 32, e4046.	3.5	3
104	CHROMIUM TRIOXIDE SUPPORTED ONTO COPPER SULFATE AS AN EFFICIENT OXIDIZING AGENT FOR OXIDATION OF ALCOHOLS UNDER SOLVENT FREE CONDITIONS. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 457-461.	1.6	2
105	Na2CO3/SOCl2: A MILD AND CONVENIENT REAGENT FOR THE PREPARATION OF ISOPROPYL CARBOXYLATES. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1187-1191.	1.6	2
106	A MILD METHOD FOR CONVERSION OF ALCOHOLS TO DIALKYL SULFITES BY USE OF Na2SO3/SOCl2. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 427-431.	1.6	2
107	Application of Magnetic Dicationic Ionic Liquid Phase Transfer Catalyst in Nuclophilic Substitution Reactions of Benzyl Halids in Water. Oriental Journal of Chemistry, 2016, 32, 1691-1695.	0.3	2
108	CaS2O8: An Efficient Reagent for Etherification of Alcohols under Microwave Irradiation in Solvent-Free Conditions. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 589-593.	1.6	0

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109	High-Speed Reduction of Triarylpyrylium Salts Using Zn(BH4)2/SiO2as an Efficient and Regiospecific Reducing Reagent. Journal of Chemistry, 2013, 2013, 1-5.	1.9	0