

Batool Akhlaghinia

List of Publications by Year in descending order

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112
papers

2,228
citations

186265

28
h-index

289244

40
g-index

124
all docs

124
docs citations

124
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Tannic acid-modified magnetic hydrotalcite-based MgAl nanoparticles for the in vitro targeted delivery of doxorubicin to the estrogen receptor-overexpressing colorectal cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103026.	3.0	6
2	Simulation-based verification of the shape measurement mechanism of micro structures beyond the diffraction limit using speckle interferometry. <i>Journal of Modern Optics</i> , 2022, 69, 251-263.	1.3	0
3	Engineered Superparamagnetic Core-Shell Metal-Organic Frame-Work (Fe ₃ O ₄ @Ni-Co-BTC NPs) with Enhanced Photocatalytic Activity for Selective Aerobic Oxidation of Alcohols Under Solar Light Irradiation. <i>Catalysis Letters</i> , 2021, 151, 107-123.	2.6	7
4	WEB (water extract of banana): An efficient natural base for one-pot multi-component synthesis of 2-amino-3,5-dicarbonitrile-6-thio-pyridines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 328-336.	1.6	16
5	Microshape Measurement Method Using Speckle Interferometry Based on Phase Analysis. <i>Photonics</i> , 2021, 8, 112.	2.0	6
6	Co ₃ O ₄ nanoparticles embedded in triple-shelled graphitic carbon nitride (Co ₃ O ₄ /TSCN): a new sustainable and high-performance hierarchical catalyst for the Pd/Cu-free Sonogashira-Hagihara cross-coupling reaction in solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2021, 47, 3217-3244.	2.7	3
7	Shape Measurement Method of Two-Dimensional Micro-Structures beyond the Diffraction Limit Based on Speckle Interferometry. <i>Photonics</i> , 2021, 8, 420.	2.0	2
8	CoII Immobilized on Aminated Magnetic-Based Metal-Organic Framework: An Efficient Heterogeneous Nanostructured Catalyst for the C-S Cross-Coupling Reaction in Solvent-Free Conditions. <i>Catalysis Letters</i> , 2020, 150, 332-352.	2.6	12
9	Cu II Anchored onto the Magnetic Talc: A New Magnetic Nanostructured Catalyst for the One-Pot Gram-Scale Synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione Derivatives. <i>ChemistrySelect</i> , 2020, 5, 11010-11019.	5.5	8
10	Design and synthesis of aptamer AS1411-conjugated EG@TiO ₂ @Fe ₃ O ₄ nanoparticles as a drug delivery platform for tumor-targeted therapy. <i>New Journal of Chemistry</i> , 2020, 44, 15871-15886.	2.8	4
11	Magnetically recoverable ferromagnetic 3D hierarchical core-shell Fe ₃ O ₄ @NiO/Co ₃ O ₄ microspheres as an efficient and ligand-free catalyst for C-S bond formation in poly (ethylene glycol). <i>Journal of Sulfur Chemistry</i> , 2020, 41, 446-461.	2.0	4
12	An Eco-Friendly and Efficient Approach for the Synthesis of Tetrazoles via Fe ₃ O ₄ /HTGLYMO-TA as a New Recoverable Heterogeneous Nanostructured Catalyst. <i>ChemistrySelect</i> , 2020, 5, 6440-6452.	1.5	7
13	An Efficient Green Protocol for Synthesis of 2,3-dihydroquinazolin-4(1H)-ones Using SBA-15/GPTMS-TSC-Cu ^{sup} under Solvent-Free Conditions. <i>ChemistrySelect</i> , 2020, 5, 2306-2316.	1.5	15
14	Consideration of existence of phase information of object shape in zeroth-order diffraction beam using electromagnetic simulation with aperture in front of objective. <i>Journal of Modern Optics</i> , 2020, 67, 523-530.	1.3	6
15	Ecofriendly and Facile One-Pot Multicomponent Synthesis of 5-Phenyl-1,10-dihydropyrido[2,3-d:6,5-d']dipyrimidine-2,4,6,8(1H,3H,7H,9H)-tetraone Derivatives Catalyzed by Cu II Immobilized on Functionalized Magnetic Mesoporous MCM-41 (Fe ₃ O ₄ @MCM-41-GPTMS-Cu ^{sup} II). <i>ChemistrySelect</i> , 2020, 5, 15195-15208.	4.9	4
16	Observation of micro-characters using three-dimensional shape measurement method based on speckle interferometry. <i>Journal of Modern Optics</i> , 2020, 67, 1451-1461.	1.3	5
17	PdII Immobilized on Ferromagnetic Multi-Walled Carbon Nanotubes Functionalized by Aminated 2-Chloroethylphosphonic Acid with S-Methylisothiourea (FMMWCNTs@CPA@SMTU@PdII NPs) Applied as a Highly Efficient and Recyclable Nanostructured Catalyst for Suzuki-Miyaura and Mizoroki-Heck Cross-Coupling Reactions in Solvent-Free Conditions. <i>Australian Journal of Chemistry</i> , 2019, 72, 674.	0.9	11
18	Co ^{sup} II immobilized on an aminated magnetic metal-organic framework catalyzed C-N and C-S bond forming reactions: a journey for the mild and efficient synthesis of arylamines and arylsulfides. <i>New Journal of Chemistry</i> , 2019, 43, 15525-15538.	2.8	25

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19	FMMWCNTs@CPA@SMTU@Pd^{II} NPs: As a Versatile Ferromagnetic Nanostructured Catalyst for Sonogashira-Hagihara Cross-Coupling Reaction in Solvent-Free Conditions. ChemistrySelect, 2019, 4, 1542-1555.	1.5	16
20	Fe ₃ O ₄ @Boehmite-NH ₂ -Coll NPs: An Environment Friendly Nanocatalyst for Solvent Free Synthesis of Coumarin Derivatives Through Pechmann Condensation Reaction. Chemistry Africa, 2019, 2, 367-376.	2.4	20
21	Magnetic calcined oyster shell functionalized with taurine immobilized on β-cyclodextrin (Fe ₃ O ₄ /COS@β-CD-SO ₃ H NPs) as green and magnetically reusable nanocatalyst for efficient and rapid synthesis of spirooxindoles. Research on Chemical Intermediates, 2019, 45, 4737-4756.	2.7	27
22	Cu^I anchored onto mesoporous SBA-16 functionalized by aminated 3-glycidyoxypropyltrimethoxysilane with thiosemicarbazide (SBA-16/GPTMS-TSC-Cu^I): a heterogeneous mesostructured catalyst for <i>S</i>-arylation reaction under solvent-free conditions. Green Chemistry, 2019, 21, 3029-3049.	9.0	34
23	The magnetic nanostructured natural hydroxyapatite (HAP/Fe ₃ O ₄ NPs): an efficient, green and recyclable nanocatalyst for the synthesis of biscoumarin derivatives under solvent-free conditions. Research on Chemical Intermediates, 2019, 45, 3215-3235.	2.7	31
24	Câ€P bond construction catalyzed by Ni^{II} immobilized on aminated Fe₃O₄@TiO₂@TiO₂ shell NPs functionalized by (3-glycidyoxypropyl)trimethoxysilane (Fe₃O₄@TiO₂) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 532	2.8	32
25	Designing of Ferromagnetic 3D Hierarchical Core-Shell Fe₃O₄@NiO/Co₃O₄ Microspheres Derived from a MOF Precursor: As an Efficient Catalyst for Câ€P Cross Coupling Reaction. ChemistrySelect, 2019, 4, 12455-12463.	1.5	3
26	Three-Dimensional Shape Measurement Beyond Diffraction Limit for Measurement of Dynamic Events. Springer Proceedings in Physics, 2019, , 1-10.	0.2	7
27	Heteropolyacid anchored on SBA-15 functionalized with 2-aminoethyl dihydrogen phosphate: a novel and highly efficient catalyst for one-pot, three-component synthesis of trisubstituted 1,3-thiazoles. Research on Chemical Intermediates, 2018, 44, 2451-2474.	2.7	11
28	Calcined oyster shell nanoparticles (COS NPs): a new, efficient and reusable catalyst for one-pot rapid preparation of 1,8-dioxo-octahydroxanthenes under solvent-free conditions. Research on Chemical Intermediates, 2018, 44, 1085-1103.	2.7	17
29	Cu(II) immobilized on guanidinated epibromohydrin-functionalized β-Fe₂O₃@TiO₂ (β-Fe₂O₃@TiO₂@TiO₂@EG@Cu(II)): A highly efficient magnetically separable heterogeneous nanocatalyst for one-pot synthesis of highly substituted imidazoles. Applied Catalysis B: Environmental, 2018, 227, 1085-1103.	3.5	27
30	Cu(II) immobilized on Fe ₃ O ₄ @Agarose nanomagnetic catalyst functionalized with ethanolamine phosphate-salicylaldehyde Schiff base: a magnetically reusable nanocatalyst for preparation of 2-substituted imidazolines, oxazolines, and thiazolines. Turkish Journal of Chemistry, 2018, 42, 170-191.	1.2	19
31	β-Fe₂O₃@SiO₂-Zn^{II}: A Magnetic Recyclable Nanocatalyst for the Synthesis of Spiro[indoline-β,xanthene]trione Derivatives in Aqueous Media. ChemistrySelect, 2018, 3, 3161-3170.	1.5	16
32	Selective, Efficient and Gram-Scale Oxidation of Alcohols Using Household Bleach in the Presence of Fe₃O₄@Boehmite-NH₂-Co^{II} Nanoparticles. ChemistrySelect, 2018, 3, 9431-9442.	1.5	12
33	Three-dimensional shape measurement beyond the diffraction limit of lens using speckle interferometry. Journal of Modern Optics, 2018, 65, 1866-1874.	1.3	13
34	Nanofibre Sepiolite Catalyzed Green and Rapid Synthesis of 2-Amino-4H-chromene Derivatives. Australian Journal of Chemistry, 2018, 71, 32.	0.9	24
35	Direct Synthesis of Nitriles from Aldehydes and Hydroxylamine Hydrochloride Catalyzed by a HAP@AEPH ₂ -SO ₃ H Nanocatalyst. Australian Journal of Chemistry, 2017, 70, 33.	0.9	20
36	Sulfonated Honeycomb Coral (HC-SO ₃ H): a new, green and highly efficient heterogeneous catalyst for the rapid one-pot pseudo-five component synthesis of 4,4- ² -(aryl methylene) bis(3-methyl-1H-pyrazol-5-ol)s. Chemical Papers, 2017, 71, 1351-1364.	2.2	23

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37	Green and efficient synthesis of aryl/alkylbis(indolyl)methanes using Expanded Perlite-PPA as a heterogeneous solid acid catalyst in aqueous media. <i>Journal of Chemical Sciences</i> , 2017, 129, 313-328.	1.5	30
38	Measurement of buckling deformation using speckle interferometry with same sensitivity in three-dimensions. <i>Optical Engineering</i> , 2017, 56, 044102.	1.0	8
39	Cu(<i>ii</i>)-grafted SBA-15 functionalized S-methylisothioure aminated epibromohydrin (SBA-15/E-SMTU-Cu(<i>ii</i>)): a novel and efficient heterogeneous mesoporous catalyst. <i>New Journal of Chemistry</i> , 2017, 41, 7203-7219.	2.8	40
40	Punica granatum peel: an organocatalyst for green and rapid synthesis of 3,4-dihydropyrimidin-2 (1H)-ones/thiones under solvent-free condition. <i>Research on Chemical Intermediates</i> , 2017, 43, 3325-3347.	2.7	15
41	Aminophosphine Palladium(0) Complex Supported on ZrO ₂ Nanoparticles (ZrO ₂ @AEPH ₂ -PPh ₂ -Pd(0)) as an Efficient Heterogeneous Catalyst for Suzuki–Miyaura and Heck–Mizoroki Reactions in Green Media. <i>Catalysis Letters</i> , 2017, 147, 360-373.	2.6	24
42	Fe ₃ O ₄ @Boehmite-NH ₂ -Co(II) NPs: an inexpensive and highly efficient heterogeneous magnetic nanocatalyst for the Suzuki–Miyaura and Heck–Mizoroki cross-coupling reactions. <i>Green Chemistry</i> , 2017, 19, 5625-5641.	9.0	93
43	Thiophene Methanimine–Palladium Schiff Base Complex Anchored on Magnetic Nanoparticles: A Novel, Highly Efficient and Recoverable Nanocatalyst for Cross-Coupling Reactions in Mild and Aqueous Media. <i>Catalysis Letters</i> , 2017, 147, 2640-2655.	2.6	33
44	2-Aminoethanesulfonic Acid Immobilized on Epichlorohydrin Functionalized Fe ₃ O ₄ @WO ₃ (Fe ₃ O ₄ @WO ₃ -EAE-SO ₃ H): A Novel Magnetically Recyclable Heterogeneous Nanocatalyst for the Green One-Pot Synthesis of 1-Substituted-1 <i>H</i> -1,2,3,4-Tetrazoles in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1119-1128.	3.2	29
45	Zn(<i>ii</i>) doped and immobilized on functionalized magnetic hydrotalcite (Fe ₃ O ₄ /HT-SMTU-Zn(<i>ii</i>)): a novel, green and magnetically recyclable bifunctional nanocatalyst for the one-pot multi-component synthesis of acridinediones under solvent-free conditions. <i>New Journal of Chemistry</i> , 2017, 41, 15485-15500.	2.8	45
46	Influence of error sources in speckle interferometry using only two speckle patterns. <i>Optical Engineering</i> , 2016, 55, 124101.	1.0	9
47	Fe ₃ O ₄ magnetic nanoparticles (MNPs) as an efficient catalyst for selective oxidation of benzylic and allylic C–H bonds to carbonyl compounds with tert-butyl hydroperoxide. <i>RSC Advances</i> , 2016, 6, 38592-38601.	3.6	52
48	Green and Efficient Procedure for Suzuki–Miyaura and Mizoroki–Heck Coupling Reactions Using Palladium Catalyst Supported on Phosphine Functionalized ZrO ₂ NPs (ZrO ₂ @ECP-Pd) as a New Reusable Nanocatalyst. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 1192-1200.	3.2	31
49	Zn(<i>ii</i>) anchored onto the magnetic natural hydroxyapatite (Zn(<i>ii</i>)/HAP/Fe ₃ O ₄): as a novel, green and recyclable catalyst for A ³ -coupling reaction towards propargylamine synthesis under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 106473-106484.	3.6	59
50	Direct access to stabilized Cu(<i>I</i>) using cuttlebone as a natural-reducing support for efficient CuAAC click reactions in water. <i>RSC Advances</i> , 2016, 6, 63613-63623.	3.6	37
51	Simultaneous in-plane and out-of-plane deformation measurement by speckle multi-recording method. Measurement: <i>Journal of the International Measurement Confederation</i> , 2016, 91, 582-589.	5.0	13
52	Direct and efficient synthesis of unsymmetrical ethers from alcohols catalyzed by Fe(HSO ₄) ₃ under solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2016, 42, 1487-1501.	2.7	12
53	Sulfonated nanohydroxyapatite functionalized with 2-aminoethyl dihydrogen phosphate (HAP@AEPH ₂ -SO ₃ H) as a reusable solid acid for direct esterification of carboxylic acids with alcohols. <i>Research on Chemical Intermediates</i> , 2016, 42, 5789-5806.	2.7	26
54	A high-yielding, expeditious, and multicomponent synthesis of urea and carbamate derivatives by using triphenylphosphine/trichloroisocyanuric acid system. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1-7.	1.6	8

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55	Cu ^{II} immobilized on guanidinated epibromohydrin functionalized $\text{Fe}_2\text{O}_3/\text{TiO}_2$ ($\text{Fe}_2\text{O}_3/\text{TiO}_2\text{-EG-Cu}^{\text{II}}$): a novel magnetically recyclable heterogeneous nanocatalyst for the green one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles through alkyne-azide cycloaddition in water. RSC Advances, 2016, 6, 22210-22219.	3.6	54
56	Magnetically separable Fe_3O_4 @chitin as an eco-friendly nanocatalyst with high efficiency for green synthesis of 5-substituted-1H-tetrazoles under solvent-free conditions. RSC Advances, 2016, 6, 31850-31860.	3.6	60
57	An efficient and convenient synthesis of N-substituted amides under heterogeneous condition using $\text{Al}(\text{H}_2\text{SO}_4)_3$ via Ritter reaction. Journal of Chemical Sciences, 2016, 128, 429-439.	1.5	31
58	Hydroxyapatite nanoparticles (HAP NPs): a green and efficient heterogeneous catalyst for three-component one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-one derivatives in aqueous media. New Journal of Chemistry, 2016, 40, 447-457.	2.8	58
59	Copper immobilized on aminated ferrite nanoparticles by 2-aminoethyl dihydrogen phosphate (Fe_3O_4 @AEPH ₂ -Cu ^{II}) catalyses the conversion of aldoximes to nitriles. Applied Organometallic Chemistry, 2015, 29, 683-689.	3.5	48
60	A rapid metal free synthesis of 5-substituted-1H-tetrazoles using cuttlebone as a natural high effective and low cost heterogeneous catalyst. RSC Advances, 2015, 5, 49849-49860.	3.6	71
61	Trichloroisocyanuric Acid/Triphenylphosphine-Mediated Synthesis of Benzimidazoles, Benzoxazoles, and Benzothiazoles. Australian Journal of Chemistry, 2015, 68, 145.	0.9	18
62	Cu ^I immobilized on aminated epichlorohydrin activated silica (CAES): as a new, green and efficient nanocatalyst for preparation of 5-substituted-1H-tetrazoles. RSC Advances, 2015, 5, 12372-12381.	3.6	63
63	A One-Pot, fast, and efficient amidation of carboxylic acids, α -amino acids and sulfonic acids using pph ₃ /n-chlorobenzotriazole system. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 1703-1714.	1.6	3
64	Facile and direct synthesis of symmetrical acid anhydrides using a newly prepared powerful and efficient mixed reagent. Chemical Papers, 2015, 69, .	2.2	4
65	Development of in-plane and out-of-plane deformations simultaneous measurement method for the analysis of buckling. Optical Engineering, 2015, 54, 024102.	1.0	21
66	Sulfonated nanohydroxyapatite functionalized with 2-aminoethyl dihydrogen phosphate (HAP@AEPH ₂ -SO ₃ H) as a new recyclable and eco-friendly catalyst for rapid one-pot synthesis of 4,4'-bis(arylmethylene)bis(3-methyl-1H-pyrazol-5-ol)s. RSC Advances, 2015, 5, 87769-87780.	3.6	48
67	Ce(III) immobilised on aminated epichlorohydrin-activated agarose matrix "green" and efficient catalyst for transamidation of carboxamides. Chemical Papers, 2015, 69, .	2.2	25
68	Expanded perlite: an inexpensive natural efficient heterogeneous catalyst for the green and highly accelerated solvent-free synthesis of 5-substituted-1H-tetrazoles using [bmim]N ₃ and nitriles. RSC Advances, 2015, 5, 104087-104094.	3.6	60
69	$\text{Fe}(\text{HSO}_4)_3$: An efficient, heterogeneous and reusable catalyst for C-alkylation of α -dicarbonyl compounds. Journal of Chemical Sciences, 2014, 126, 1903-1912.	1.5	9
70	Direct and Facile Synthesis of Acyl Isothiocyanates from Carboxylic Acids Using Trichloroisocyanuric Acid/Triphenylphosphine System. Croatica Chemica Acta, 2014, 87, 201-206.	0.4	6
71	Electronic speckle pattern interferometry based on spatial information using only two sheets of speckle patterns. Journal of Modern Optics, 2014, 61, 297-306.	1.3	33
72	An Efficient Method for Chemoselective Reduction of Nitro Compounds Using Bimetallic Fe-Ni NPs/ $\text{H}_3\text{PW}_{12}\text{O}_{40}$ -H ₂ O System. Journal of the Chinese Chemical Society, 2014, 61, 1108-1114.	1.4	7

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73	Improvement of measuring accuracy of spatial fringe analysis method using only two speckle patterns in electronic speckle pattern interferometry. <i>Optical Engineering</i> , 2014, 53, 034107.	1.0	17
74	Direct synthesis of sulfonyl azides from sulfonic acids. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 119-127.	2.0	16
75	Direct and facile synthesis of acyl azides from carboxylic acids using the trichloroisocyanuric acid-triphenylphosphine system. <i>Canadian Journal of Chemistry</i> , 2013, 91, 181-185.	1.1	13
76	Direct, Rapid and Convenient Synthesis of Esters and Thioesters Using PPh ₃ -Chlorobenzotriazole System. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	3
77	Green and Selective Synthesis of <i>N</i> -Substituted Amides using Water Soluble Porphyrinato Copper(II) Catalyst. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	2
78	Green synthesis of thiiranes from oxiranes under solvent- and catalyst-free conditions. <i>Journal of Sulfur Chemistry</i> , 2012, 33, 351-361.	2.0	9
79	Efficient and Novel Method for Thiocyanation of Aromatic Compounds Using Trichloroisocyanuric Acid/Ammonium Thiocyanate/Wet SiO ₂ . <i>Synthetic Communications</i> , 2012, 42, 1184-1191.	2.1	29
80	Ceria nanoparticles as an efficient catalyst for oxidation of benzylic CH bonds. <i>Journal of Molecular Catalysis A</i> , 2012, 357, 67-72.	4.8	26
81	A novel approach for the synthesis of 5-substituted-1H-tetrazoles. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2197-2203.	0.6	54
82	Speckle interferometry by using virtual speckle pattern based on Carr-Å algorithm. <i>Mapan - Journal of Metrology Society of India</i> , 2011, 26, 303-314.	1.5	2
83	Dithioacetalization of carbonyl compounds under catalyst-free condition. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 575-581.	2.0	5
84	A mild and simple iodination of phenols with trichloroisocyanuric acid/ I ₂ /Wet SiO ₂ system. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 3-6.	0.6	6
85	Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ)/[<i>n</i> -Bu ₄ N]OCN as a Useful System for the Efficient Conversion of Tetrahydropyranyl (THP) Ethers to the Corresponding Alkyl Isocyanates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2525-2529.	1.6	5
86	Novel and Highly Efficient Protection of Aliphatic Alcohols and Phenols with Hexamethyldisilazane in the Presence of La(NO ₃) ₃ ·6 H ₂ O. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2530-2535.	1.6	3
87	High resolution speckle interferometry using virtual speckle pattern produced by information of deformation process. <i>Journal of Modern Optics</i> , 2008, 55, 2329-2345.	1.3	0
88	A New and Efficient Method for the Protection of Alcohols and Phenols by Using Hexamethyldisilazane in the Presence of Anhydrous Ferric Chloride under Mild Reaction Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 687-694.	1.6	5
89	A Novel and highly selective conversion of alcohols, thiols, and silyl ethers to azides using the 2,4,6-trichloro[1,3,5]triazine/ <i>n</i> -Bu ₄ NN ₃ system. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1311-1315.	0.6	11
90	Novel and Highly Selective Conversion of Alcohols , Thiols and Trimethylsilyl Ethers to Alkyl Nitrites with 2,4,6-Trichloro[1,3,5]triazine/ <i>n</i> -Bu ₄ NNO ₂ System. <i>Letters in Organic Chemistry</i> , 2006, 3, 220-224.	0.5	7

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91	N, N', Nâ€³, Nâ€´-tetramethyltetra-2,3-pyridinoporphyrazinato copper(II) methyl sulfate as a new and efficient catalyst for the dithioacetalization and the oxathioacetalization of carbonyl compounds. Journal of Porphyrins and Phthalocyanines, 2006, 10, 167-175.	0.8	14
92	Synthesis and characterization of new soluble and thermally stable poly(ester-imide)s derived from N-[3,5-bis(N-trimellitoyl)phenyl]phthalimide and various bisphenols. European Polymer Journal, 2005, 41, 1071-1078.	5.4	23
93	Efficient Conversion of Tetrahydropyranyl (THP) Ethers to Their Corresponding Cyanides with Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/n-Bu ₄ NCN.. ChemInform, 2005, 36, no.	0.0	0
94	Hexamethyldisilazane in the Presence of N,N',N??,N???-Tetramethyltetra-2,3-pyridinoporphyrazinato Copper (II) is a New, Mild and Highly Efficient Reagent for Silylation of Alcohols and Phenols.. ChemInform, 2005, 36, no.	0.0	0
95	Triphenylphosphine/2,3-dichloro-5,6-dicyanobenzoquinone in the Presence of n-Bu ₄ NN ₃ Is a Useful System for Efficient Conversion of Tetrahydropyranyl (THP) Ethers to Their Corresponding Alkyl Azides.. ChemInform, 2005, 36, no.	0.0	0
96	An Efficient Method for the Protection of Alcohols and Phenols by Using Hexamethyldisilazane in the Presence of Cupric Sulfate Pentahydrate under Neutral Reaction Conditions.. ChemInform, 2005, 36, no.	0.0	0
97	A New and Convenient Method of Generating Alkyl Isocyanates from Alcohols, Thiols and Trimethylsilyl Ethers Using Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/Bu ₄ NOCN.. ChemInform, 2005, 36, no.	0.0	0
98	Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone in the Presence of n-Bu ₄ NN ₃ Is a Useful System for Efficient Conversion of Tetrahydropyranyl (THP) Ethers to Their Corresponding Alkyl Azides. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1601-1604.	1.6	8
99	Highly selective conversion of 1Â° and 2Â° tetrahydropyranyl ethers to thiocyanates and 3Â° ones to isothiocyanates using triphenylphosphine/diethyl azodicarboxylate/NH ₄ SCN. Journal of Sulfur Chemistry, 2005, 26, 133-137.	2.0	15
100	A New and Convenient Method of Generating Alkyl Cyanides from Alcohols and Thiols Using 2,4,6-Trichloro[1,3,5]Triazine/n-Bu ₄ NCN. Letters in Organic Chemistry, 2005, 2, 725-730.	0.5	6
101	Novel and Highly Selective Conversion of Alcohols and Thiols to Alkyl Nitrites with Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/Bu ₄ NNO ₂ System. Synthesis, 2004, 2004, 1747-1749.	2.3	8
102	Conversion of Alcohols, Thiols, Carboxylic Acids, Trimethylsilyl Ethers, and Carboxylates to Thiocyanates with Triphenylphosphine/Diethylazodicarboxylate/NH ₄ SCN. Synthesis, 2004, 2004, 92-96.	2.3	31
103	HEXAMETHYLDISILAZANE IN THE PRESENCE OF N,Nâ€²,Nâ€³,Nâ€´-TETRAMETHYLTETRA-2,3-PYRIDINOPORPHYRAZINATO COPPER (II) IS A NEW, MILD AND HIGHLY EFFICIENT REAGENT FOR SILYLATION OF ALCOHOLS AND PHENOLS. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 2099-2104.	1.6	19
104	N,N',Nâ€³,Nâ€´-tetramethyltetra-2,3-pyridinoporphyrazinato copper(II) as a new catalyst in solvent-free tetrahydropyranlation (THP) of alcohols and phenols. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1285-1288.	0.8	3
105	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-Bu ₄ NN ₃ System.. ChemInform, 2004, 35, no.	0.0	0
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