

Batool Akhlaghinia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7152683/publications.pdf>

Version: 2024-02-01

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	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
2	A rapid metal free synthesis of 5-substituted-1H-tetrazoles using cuttlebone as a natural high effective and low cost heterogeneous catalyst. <i>RSC Advances</i> , 2015, 5, 49849-49860.	3.6	71
3	Cu(II) immobilized on aminated epichlorohydrin activated silica (CAES): as a new, green and efficient nanocatalyst for preparation of 5-substituted-1H-tetrazoles. <i>RSC Advances</i> , 2015, 5, 12372-12381.	3.6	63
4	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. <i>RSC Advances</i> , 2015, 5, 104087-104094.	3.6	60
5	Magnetically separable Fe ₃ O ₄ @chitin as an eco-friendly nanocatalyst with high efficiency for green synthesis of 5-substituted-1H-tetrazoles under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 31850-31860.	3.6	60
6	Zn(II) anchored onto the magnetic natural hydroxyapatite (Zn(II)/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
7	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. <i>New Journal of Chemistry</i> , 2016, 40, 447-457.	2.8	58
8	Conversion of Alcohols, Thiols, and Trimethylsilyl Ethers to Alkyl Cyanides Using Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/n-Bu ₄ NCN. <i>Journal of Organic Chemistry</i> , 2004, 69, 2562-2564.	3.2	56
9	Cu(II) immobilized on guanidinated epibromohydrin functionalized Fe ₃ O ₄ @TiO ₂ (Fe ₃ O ₄ @TiO ₂ -EG-Cu(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. <i>RSC Advances</i> , 2016, 6, 29210-29219.	3.6	54
10	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
11	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
12	Copper immobilized on aminated ferrite nanoparticles by 2-aminoethyl dihydrogen phosphate (Fe ₃ O ₄ @AEPH ₂ -Cu(II)) catalyses the conversion of aldoximes to nitriles. <i>Applied Organometallic Chemistry</i> , 2015, 29, 683-689.	3.5	48
13	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-(aryl methylene)bis(3-methyl-1H-pyrazol-5-ol)s. <i>RSC Advances</i> , 2015, 5, 87769-87780.	3.6	48
14	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. <i>Tetrahedron Letters</i> , 2004, 45, 3291-3294.	1.4	46
15	Zn(II) doped and immobilized on functionalized magnetic hydroxycite (Fe ₃ O ₄ /HT-SMTU-Zn(II)): 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
16	Cu(II)-grafted SBA-15 functionalized S-methylisothiourea aminated epibromohydrin (SBA-15/E-SMTU-Cu(II)): a novel and efficient heterogeneous mesoporous catalyst. <i>New Journal of Chemistry</i> , 2017, 41, 7203-7219.	2.8	40
17	Direct access to stabilized Cu(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
18	Cu(I) anchored onto mesoporous SBA-16 functionalized by aminated 3-glycidyloxypropyltrimethoxysilane with thiosemicarbazide (SBA-16/GPTMS-TSC-Cu(I)): a heterogeneous mesostructured catalyst for <i>i</i> S-arylation reaction under solvent-free conditions. <i>Green Chemistry</i> , 2019, 21, 3029-3049.	9.0	34

#	ARTICLE	IF	CITATIONS
19	Electronic speckle pattern interferometry based on spatial information using only two sheets of speckle patterns. <i>Journal of Modern Optics</i> , 2014, 61, 297-306.	1.3	33
20	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
21	C=C bond construction catalyzed by Ni immobilized on aminated Fe ₃ O ₄ @TiO ₂ shell NPs functionalized by (3-glycidyloxypropyl)trimethoxysilane (Fe ₃ O ₄ @TiO ₂) _{Tj} ETQq1 1 0.78431478 BT / Overlock 10	2.8	32
22	Conversion of Alcohols, Thiols, Carboxylic Acids, Trimethylsilyl Ethers, and Carboxylates to Thiocyanates with Triphenylphosphine/Diethylazodicarboxylate/NH ₄ SCN. <i>Synthesis</i> , 2004, 2004, 92-96.	2.3	31
23	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
24	An efficient and convenient synthesis of N-substituted amides under heterogeneous condition using Al(HSO ₄) ₃ via Ritter reaction. <i>Journal of Chemical Sciences</i> , 2016, 128, 429-439.	1.5	31
25	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. <i>Research on Chemical Intermediates</i> , 2019, 45, 3215-3235.	2.7	31
26	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
27	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
28	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
29	Cu(II) immobilized on guanidinated epichlorohydrin-functionalized Fe ₃ O ₄ @TiO ₂ (Fe ₃ O ₄ @TiO ₂ -GAE-Cu(II)): A highly efficient magnetically separable heterogeneous nanocatalyst for one-pot synthesis of highly substituted imidazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4095.	3.5	27
30	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. <i>Research on Chemical Intermediates</i> , 2019, 45, 4737-4756.	2.7	27
31	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
32	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
33	Ce(III) immobilised on aminated epichlorohydrin-activated agarose matrix - a green and efficient catalyst for transamidation of carboxamides. <i>Chemical Papers</i> , 2015, 69, .	2.2	25
34	Co ^{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
35	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
36	Nanofibre Sepiolite Catalyzed Green and Rapid Synthesis of 2-Amino-4H-chromene Derivatives. <i>Australian Journal of Chemistry</i> , 2018, 71, 32.	0.9	24

#	ARTICLE	IF	CITATIONS
37	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. <i>European Polymer Journal</i> , 2005, 41, 1071-1078.	5.4	23
38	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'-diarylmethylene bis(3-methyl-1H-pyrazol-5-ol)s. <i>Chemical Papers</i> , 2017, 71, 1351-1364.	2.2	23
39	Development of in-plane and out-of-plane deformations simultaneous measurement method for the analysis of buckling. <i>Optical Engineering</i> , 2015, 54, 024102.	1.0	21
40	Direct Synthesis of Nitriles from Aldehydes and Hydroxylamine Hydrochloride Catalyzed by a HAP@AEPH ₂ -SO ₃ H Nanocatalyst. <i>Australian Journal of Chemistry</i> , 2017, 70, 33.	0.9	20
41	Fe ₃ O ₄ @Boehmite-NH ₂ -Coll NPs: An Environment Friendly Nanocatalyst for Solvent Free Synthesis of Coumarin Derivatives Through Pechmann Condensation Reaction. <i>Chemistry Africa</i> , 2019, 2, 367-376.	2.4	20
42	HEXAMETHYLDISILAZANE IN THE PRESENCE OF N,N'-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
43	Cu(II) immobilized on Fe ₃ O ₄ @Agarose nanomagnetic catalyst functionalized with ethanalamine phosphate-salicylaldehyde Schiff base: a magnetically reusable nanocatalyst for preparation of 2-substituted imidazolines, oxazolines, and thiazolines. <i>Turkish Journal of Chemistry</i> , 2018, 42, 170-191.	1.2	19
44	Trichloroisocyanuric Acid/Triphenylphosphine-Mediated Synthesis of Benzimidazoles, Benzoxazoles, and Benzothiazoles. <i>Australian Journal of Chemistry</i> , 2015, 68, 145.	0.9	18
45	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
46	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. <i>Research on Chemical Intermediates</i> , 2018, 44, 1085-1103.	2.7	17
47	Direct synthesis of sulfonyl azides from sulfonic acids. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 119-127.	2.0	16
48	Fe ₂ O ₃ @SiO ₂ @CaZn: A Magnetic Recyclable Nanocatalyst for the Synthesis of Spiro[indoline-xanthene]trione Derivatives in Aqueous Media. <i>ChemistrySelect</i> , 2018, 3, 3161-3170.	1.5	16
49	FMMWCNTs@CPA@SMTU@Pd NPs: As a Versatile Ferromagnetic Nanostructured Catalyst for Sonogashira-Hagihara Cross-Coupling Reaction in Solvent-Free Conditions. <i>ChemistrySelect</i> , 2019, 4, 1542-1555.	1.5	16
50	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
51	Highly selective conversion of 1° and 2° tetrahydropyranyl ethers to thiocyanates and 3° ones to isothiocyanates using triphenylphosphine/diethyl azodicarboxylate/NH ₄ SCN. <i>Journal of Sulfur Chemistry</i> , 2005, 26, 133-137.	2.0	15
52	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
53	An Efficient Green Protocol for Synthesis of 2,3-dihydroquinazolin-4(1 <i>H</i>)-ones Using SBA-15/GPTMS-TSCu under Solvent-Free Conditions. <i>ChemistrySelect</i> , 2020, 5, 2306-2316.	1.5	15
54	N, N', N'-tetramethyltetra-2,3-pyridinoporphyrazinato copper(II) methyl sulfate as a new and efficient catalyst for the dithioacetalization and the oxathioacetalization of carbonyl compounds. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 167-175.	0.8	14

#	ARTICLE	IF	CITATIONS
55	Direct and facile synthesis of acyl azides from carboxylic acids using the trichloroisocyanuric acid-triphenylphosphine system. Canadian Journal of Chemistry, 2013, 91, 181-185.	1.1	13
56	Simultaneous in-plane and out-of-plane deformation measurement by speckle multi-recording method. Measurement: Journal of the International Measurement Confederation, 2016, 91, 582-589.	5.0	13
57	Three-dimensional shape measurement beyond the diffraction limit of lens using speckle interferometry. Journal of Modern Optics, 2018, 65, 1866-1874.	1.3	13
58	EFFICIENT CONVERSION OF TETRAHYDROPYRANYL (THP) ETHERS TO THEIR CORRESPONDING CYANIDES WITH TRIPHENYLPHOSPHINE/2,3-DICHLORO- 5,6-DICYANOBENZOQUINONE/n-Bu ₄ NN. Phosphorus, Sulfur and Silicon and the Related Elements, 2004, 179, 1783-1786.	1.6	12
59	Direct and efficient synthesis of unsymmetrical ethers from alcohols catalyzed by Fe(HSO ₄) ₃ under solvent-free conditions. Research on Chemical Intermediates, 2016, 42, 1487-1501.	2.7	12
60	Selective, Efficient and Gram-Scale Oxidation of Alcohols Using Household Bleach in the Presence of Fe ₃ O ₄ @Boehmite-NH ₂ -Co ^{II} Nanoparticles. ChemistrySelect, 2018, 3, 9431-9442.	1.5	12
61	Coll Immobilized on Aminated Magnetic-Based Metal-Organic Framework: An Efficient Heterogeneous Nanostructured Catalyst for the C-O Cross-Coupling Reaction in Solvent-Free Conditions. Catalysis Letters, 2020, 150, 332-352.	2.6	12
62	A Novel and highly selective conversion of alcohols, thiols, and silyl ethers to azides using the 2,4,6-trichloro[1,3,5]triazine/n-Bu ₄ NN ₃ system. Journal of the Brazilian Chemical Society, 2007, 18, 1311-1315.	0.6	11
63	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
64	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. Australian Journal of Chemistry, 2019, 72, 674.	0.9	11
65	New heat stable polyethers, polyketones and polysulfones. Macromolecular Chemistry and Physics, 1999, 200, 2284-2293.	2.2	10
66	Green synthesis of thiranes from oxiranes under solvent- and catalyst-free conditions. Journal of Sulfur Chemistry, 2012, 33, 351-361.	2.0	9
67	Fe(HSO ₄) ₃ : An efficient, heterogeneous and reusable catalyst for C-alkylation of 1,2-dicarbonyl compounds. Journal of Chemical Sciences, 2014, 126, 1903-1912.	1.5	9
68	Influence of error sources in speckle interferometry using only two speckle patterns. Optical Engineering, 2016, 55, 124101.	1.0	9
69	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
70	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
71	A high-yielding, expeditious, and multicomponent synthesis of urea and carbamate derivatives by using triphenylphosphine/trichloroisocyanuric acid system. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1-7.	1.6	8
72	Measurement of buckling deformation using speckle interferometry with same sensitivity in three-dimensions. Optical Engineering, 2017, 56, 044102.	1.0	8

#	ARTICLE	IF	CITATIONS
73	Cu II Anchored onto the Magnetic Talc: A New Magnetic Nanostructured Catalyst for the One-Pot Gram-Scale Synthesis of 1 H-Pyrazolo[1,2-b]phthalazine-5,10-dione Derivatives. <i>ChemistrySelect</i> , 2020, 5, 11010-11019.		8
74	Novel and Highly Selective Conversion of Alcohols, Thiols and Trimethylsilyl Ethers to Alkyl Nitrites with 2,4,6-Trichloro[1,3,5]triazine/n-Bu ₄ NNO ₂ System. <i>Letters in Organic Chemistry</i> , 2006, 3, 220-224.	0.5	7
75	An Efficient Method for Chemoselective Reduction of Nitro Compounds Using Bimetallic Fe-Ni NPs/H ₂ PW ₁₂ O ₄₀ .A-H ₂ O System. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1108-1114.	1.4	7
76	An Eco-Friendly and Efficient Approach for the Synthesis of Tetrazoles via Fe ₃ O ₄ /HTA-GLYMO-ETA as a New Recoverable Heterogeneous Nanostructured Catalyst. <i>ChemistrySelect</i> , 2020, 5, 6440-6452.	1.5	7
77	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
78	Three-Dimensional Shape Measurement Beyond Diffraction Limit for Measurement of Dynamic Events. <i>Springer Proceedings in Physics</i> , 2019, , 1-10.	0.2	7
79	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
80	Direct and Facile Synthesis of Acyl Isothiocyanates from Carboxylic Acids Using Trichloroisocyanuric Acid/Triphenylphosphine System. <i>Croatica Chemica Acta</i> , 2014, 87, 201-206.	0.4	6
81	Microshape Measurement Method Using Speckle Interferometry Based on Phase Analysis. <i>Photonics</i> , 2021, 8, 112.	2.0	6
82	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
83	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. <i>Letters in Organic Chemistry</i> , 2005, 2, 725-730.	0.5	6
84	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
85	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
86	Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ)/[n-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
87	Dithioacetalization of carbonyl compounds under catalyst-free condition. <i>Journal of Sulfur Chemistry</i> , 2011, 32, 575-581.	2.0	5
88	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
89	Facile and direct synthesis of symmetrical acid anhydrides using a newly prepared powerful and efficient mixed reagent. <i>Chemical Papers</i> , 2015, 69, .	2.2	4
90	Design and synthesis of aptamer AS1411-conjugated EG@TiO ₂ @Fe ₃ O ₃ nanoparticles as a drug delivery platform for tumor-targeted therapy. <i>New Journal of Chemistry</i> , 2020, 44, 15871-15886.	2.8	4

#	ARTICLE	IF	CITATIONS
91	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). Journal of Sulfur Chemistry, 2020, 41, 446-461.	2.0	4
92	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(II)). ChemistrySelect, 2020, 5, 15195-15208.		4
93	N,N',N''-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
94	Novel and Highly Efficient Protection of Aliphatic Alcohols and Phenols with Hexamethyldisilazane in the Presence of La(NO ₃) ₃ ·6 H ₂ O. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2530-2535.	1.6	3
95	Direct, Rapid and Convenient Synthesis of Esters and Thioesters Using PPh ₃ -N-Chlorobenzotriazole System. Journal of the Brazilian Chemical Society, 2013, , .	0.6	3
96	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
97	Designing of Ferromagnetic 3D Hierarchical Core-Shell Fe ₃ O ₄ @NiO/Co ₃ O ₄ Microspheres Derived from a MOF Precursor: As an Efficient Catalyst for C-P Cross Coupling Reaction. ChemistrySelect, 2019, 4, 12455-12463.	1.5	3
98	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. Research on Chemical Intermediates, 2021, 47, 3217-3244.	2.7	3
99	Speckle interferometry by using virtual speckle pattern based on Carr- algorithm. Mapan - Journal of Metrology Society of India, 2011, 26, 303-314.	1.5	2
100	Green and Selective Synthesis of N-Substituted Amides using Water Soluble Porphyrazinato Copper(II) Catalyst. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
101	Shape Measurement Method of Two-Dimensional Micro-Structures beyond the Diffraction Limit Based on Speckle Interferometry. Photonics, 2021, 8, 420.	2.0	2
102	Factors affecting the measurement resolution of super-resolution techniques based on speckle interferometry. Journal of Modern Optics, 0, , 1-14.	1.3	1
103	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
104	Conversion of Alcohols, Thiols, and Trimethylsilyl Ethers to Alkyl Cyanides Using Triphenylphosphine/2,3-Dichloro-5,6-dicyanobenzoquinone/n-Bu ₄ NCN.. ChemInform, 2004, 35, no.	0.0	0
105	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.. ChemInform, 2004, 35, no.	0.0	0
106	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
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	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
111	High resolution speckle interferometry using virtual speckle pattern produced by information of deformation process. Journal of Modern Optics, 2008, 55, 2329-2345.	1.3	0
112	Simulation-based verification of the shape measurement mechanism of micro structures beyond the diffraction limit using speckle interferometry. Journal of Modern Optics, 2022, 69, 251-263.	1.3	0