

Abolghasem Davoodnia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Functionalized Organic-Inorganic Hybrid (GO@Si-NH ₂ -PMo): An Efficient and Green Catalyst for the Synthesis of Tetrahydrobenzo[b]pyran Derivatives. Polycyclic Aromatic Compounds, 2021, 41, 781-794.	2.6	17
2	Synthesis, electrochemical, photophysical, and photovoltaic properties of new fluorescent compounds: 3-(4-hydroxyphenyl)-2,3-benzofuro[2,3-b:4,3'-b']pyrazolo[4,3-f:5'-g]quinoline. International Journal of Energy Research, 2021, 45, 7797-7805.	4.5	5
3	Two Novel Pyrazole Derived Ionic Liquids Based on Chloride and Trichlorostannate Anions: Preparation, Characterization, and Evaluation of Their Catalytic Activity in the Synthesis of 1H-Pyrazolo[1,2-b]phthalazine-5,10-diones. Russian Journal of General Chemistry, 2021, 91, 273-278.	0.8	2
4	Nanolipid-loaded Preyssler polyoxometalate: Synthesis, characterization and invitro inhibitory effects on HepG2 tumor cells. Toxicology in Vitro, 2020, 68, 104917.	2.4	11
5	An eco-friendly supramolecular hydrogel based-on [NaP5W30O110]14- as a giant inorganic cluster crosslinker: Green synthesis, characterization, and study of thermal and mechanical properties. Journal of Molecular Structure, 2020, 1221, 128752.	3.6	3
6	Synthesis, Characterization and Biological Evaluations of New Imidazo[4,5-a]Acridines as Potential Antibacterial Agents. Pharmaceutical Chemistry Journal, 2019, 53, 52-56.	0.8	5
7	Phosphomolybdic acid supported on Schiff base functionalized graphene oxide nanosheets: Preparation, characterization, and first catalytic application in the multi-component synthesis of tetrahydrobenzo[xanthene-1,1-diones]. Applied Organometallic Chemistry, 2019, 33, e4881.	3.5	41
8	Synthesis of Benzo[chromeno[2,3-d]pyrimidines via the Tandem Intramolecular Pinner/Dimroth Rearrangement and their Antibacterial and Antioxidant Evaluation. Organic Preparations and Procedures International, 2019, 51, 357-367.	1.3	9
9	Facile synthesis of new pyrazolo[4,5:6,6']pyrano[2,3-d]pyrimidin-5(1H)-ones via the tandem intramolecular Pinner-Dimroth rearrangement and their antibacterial evaluation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 175-181.	0.7	3
10	Synthesis, characterization and quantum-chemical investigations of new fluorescent heterocyclic Schiff-base ligands and their cobalt(II) complexes. Inorganica Chimica Acta, 2019, 484, 450-456.	2.4	20
11	Synthesis of new 3-chromeno[2,3-d]pyrimidine-4,6(5H,7H)-diones via the tandem intramolecular Pinner/Dimroth rearrangement. Heterocyclic Communications, 2018, 24, 31-35.	1.2	10
12	Synthesis, spectral, DFT calculations and antibacterial studies of Fe(III) complexes of new fluorescent Schiff bases derived from imidazo[4',5':3,4]benzo[1,2-c]isoxazole. Applied Organometallic Chemistry, 2018, 32, e4178.	3.5	14
13	Computational Study of Regioselective Synthesis of Triflylpyrazole by Cycloaddition Reaction between Diphenyl Hydrazonoyl Chloride and Phenyl Triflyl Acetylene. Russian Journal of Physical Chemistry A, 2018, 92, 271-279.	0.6	1
14	Novel CuFe ₂ O ₄ @SiO ₂ -OP ₂ O ₅ H magnetic nanoparticles: Preparation, characterization and first catalytic application to the synthesis of 1,8-dioxo-octahydroxanthenes. Applied Organometallic Chemistry, 2018, 32, e3930.	3.5	29
15	Synthesis of New Pyrimido[4,5:3,4]pyrazolo[1,2-b]phthalazine-4,7,12-triones: Derivatives of a New Heterocyclic Ring System. Journal of Heterocyclic Chemistry, 2018, 55, 161-165.	2.6	11
16	Rapid Synthesis of N-Alkyl-2-imino-2H-chromene-3-carboxamides Catalyzed by a Keplerate-type Giant Nanoporous Isopolyoxomolybdate. Organic Preparations and Procedures International, 2018, 50, 565-574.	1.3	3
17	Facile Catalyst-Free Synthesis of New Functionalized 1H-Pyrazolo[1,2-b]phthalazines. Russian Journal of General Chemistry, 2018, 88, 2595-2600.	0.8	1
18	Efficient Synthesis of New Pyrimido[5,4:6,5]pyrano[2,3-d]pyrimidine-2,4,6(1H,3H)-triones via the Tandem Intramolecular Pinner-Dimroth Rearrangement, and Their Antibacterial Activity. Russian Journal of General Chemistry, 2018, 88, 2658-2663.	0.8	4

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19	Tautomerism in the Sulfonamide Moiety: Synthesis, Experimental and Theoretical Characterizations. Journal of Structural Chemistry, 2018, 59, 1596-1609.	1.0	3
20	Facile Synthesis of New 6-Alkylamino-1H-pyrazolo[3,4-b]pyridine-5-carbonitrile Derivatives. Journal of Heterocyclic Chemistry, 2018, 55, 2635-2639.	2.6	5
21	Isolation of intermediates in the synthesis of new 3,4-dihydro-2H-chromeno[2,3-d]pyrimidines. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 557-563.	0.7	1
22	Characterization and Molecular Docking Study of New 4-Acetamidoalkyl Pyrazoles As B-Raf /Cox-2 Inhibitors. Journal of Structural Chemistry, 2018, 59, 335-343.	1.0	0
23	Synthesis of Some New 1,3,4,5-tetrasubstituted-2-imidazole-thiones Via a Facile One-Pot Three-Component Reaction in the Presence of Solvent and Heteropolyacids. Journal of Heterocyclic Chemistry, 2017, 54, 313-317.	2.6	9
24	Synthesis, experimental and theoretical characterizations of some new pyrrolo[2,3-d]pyrimidine derivatives bearing an aromatic sulfonamide moiety. Journal of Molecular Structure, 2017, 1134, 789-796.	3.6	3
25	Ultrasonic synthesis, characterization, and antibacterial evaluation of novel heterocycles containing hexahydroquinoline and pyrrole moieties. Heterocyclic Communications, 2017, 23, 65-70.	1.2	10
26	Evaluation of catalytic activity of two newly prepared functionalized sulfonic acids ionic liquids in the synthesis of carbamatoalkyl naphthols under mild conditions. Russian Journal of General Chemistry, 2017, 87, 311-315.	0.8	4
27	Another application of newly prepared Brønsted-acidic ionic liquids as highly efficient reusable catalysts for neat synthesis of amidoalkyl naphthols. Cogent Chemistry, 2017, 3, 1312675.	2.5	2
28	Efficient one-pot synthesis of some new pyrimido[5,4-c:2,5,6]pyrido[2,3-d]pyrimidines catalyzed by magnetically recyclable Fe ₃ O ₄ nanoparticles. Russian Journal of General Chemistry, 2017, 87, 863-867.	0.8	15
29	Fast Synthesis and Antibacterial Evaluation of Benzimidazo[2,1-b]quinazolin-1-ones: Another Successful Application of Newly Prepared SO ₃ H-Functionalized Ionic Liquids as Catalysts. Organic Preparations and Procedures International, 2017, 49, 236-248.	1.3	10
30	Two new pyrrolo[2,3-d]pyrimidines (7-deazapurines): ultrasonic-assisted synthesis, experimental and theoretical characterizations as well as antibacterial evaluation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 481-487.	0.7	5
31	Synthesis and antibacterial activity of some new benzo[5,6]chromeno[2,3-d]pyrimidines. Russian Journal of Bioorganic Chemistry, 2017, 43, 429-434.	1.0	10
32	P2O ₅ supported on SiO ₂ as an efficient and reusable catalyst for rapid one-pot synthesis of carbamatoalkyl naphthols under solvent-free conditions. Cogent Chemistry, 2017, 3, 1317582.	2.5	3
33	Synthesis of some new heterocycles containing quinazoline moiety. Russian Journal of General Chemistry, 2017, 87, 2429-2435.	0.8	3
34	Preparation, characterization, and first catalytic application of a novel phosphotungstic acid-containing ionic liquid immobilized on CuFe ₂ O ₄ @SiO ₂ magnetic nanoparticles in the synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-diones. Russian Journal of General Chemistry, 2017, 87, 2436-2443.	0.8	18
35	Synthesis of New Imino Containing Tetrahydrochromeno[2,3-d]pyrimidines. Journal of Heterocyclic Chemistry, 2017, 54, 1437-1441.	2.6	9
36	Synthesis of New Functionalized 1,4-Dihydroquinolines and Pyrimido[4,5-b]quinolines. Russian Journal of General Chemistry, 2017, 87, 2961-2965.	0.8	6

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37	Kinetics and Mechanisms of the Diels-Alder Reaction of 9-bromomethyl Anthracene with Citraconic Anhydride: A DFT study. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1139-1144.	0.3	0
38	A comparative study of TiO ₂ , Al ₂ O ₃ , and Fe ₃ O ₄ nanoparticles as reusable heterogeneous catalysts in the synthesis of tetrahydrobenzo[a]xanthene-11-ones. <i>Russian Journal of General Chemistry</i> , 2016, 86, 2849-2854.	0.8	11
39	Rapid One-pot Aspartic Acid-promoted Synthesis of Tetrahydrobenzo[b]pyrans in Water. <i>Organic Preparations and Procedures International</i> , 2016, 48, 328-336.	1.3	10
40	Another application of (NH ₄) ₂ [Mo ₂ V ₂ O ₃₇](CH ₃) ₃ as a highly efficient recyclable catalyst for the synthesis of dihydropyrano[3,2 <i>c</i>]chromenes. <i>Applied Organometallic Chemistry</i> , 2016, 30, 626-629.	3.5	13
41	Catalytic performance of a Keplerate-type, giant-ball nanoporous isopolyoxomolybdate as a highly efficient recyclable catalyst for the synthesis of biscoumarins. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 219-225.	0.7	9
42	Kinetics and mechanism of the 1,3-dipolar cycloaddition of nitrilimine with thione-containing dipolarophile: a detailed DFT study. <i>Research on Chemical Intermediates</i> , 2016, 42, 6125-6141.	2.7	3
43	Fast and Solvent-Free Synthesis of Polyhydroquinolines Catalyzed by a Keplerate Type Giant Nanoporous Isopolyoxomolybdate as a Reusable Catalyst. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1073-1080.	0.6	15
44	Solvent-Free Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles Using Nano Fe ₃ O ₄ @SiO ₂ -OSO ₃ H as a Stable and Magnetically Recyclable Heterogeneous Catalyst. <i>Oriental Journal of Chemistry</i> , 2015, 31, 573-579.	0.3	14
45	New fluorescent 3H-imidazo[4,5- <i>e</i>][2,1]benzoxazoles: synthesis, spectroscopic characterization, and antibacterial activity. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 918-922.	1.2	17
46	A rapid, efficient, and high-yielding synthesis of 4,4- ϵ^2 -(arylmethylene)bis(3-methyl-1H-pyrazol-5-ol) derivatives catalyzed by 12-tungstophosphoric acid (H ₃ PW ₁₂ O ₄₀). <i>Research on Chemical Intermediates</i> , 2015, 41, 8343-8354.	2.7	15
47	Synthesis, antiviral, and cytotoxic investigation of imidazo[4,5- <i>a</i>]acridones. <i>Medicinal Chemistry Research</i> , 2015, 24, 3912-3919.	2.4	10
48	Synthesis, characterization, and antibacterial evaluation of new alkyl 2-amino-4-aryl-4H-chromene-3-carboxylates. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 808-813.	1.2	14
49	Extraordinary catalytic activity of a Keplerate-type giant nanoporous isopolyoxomolybdate in the synthesis of 1,8-dioxo-octahydroxanthenes and 1,8-dioxodecahydroacridines. <i>Research on Chemical Intermediates</i> , 2015, 41, 7815-7826.	2.7	20
50	Theoretical and experimental study of the regioselectivity of phenylacetylene 1,3-dipolar cycloaddition to some arylazides. <i>Research on Chemical Intermediates</i> , 2015, 41, 343-355.	2.7	0
51	A fast and green method for synthesis of tetrahydrobenzo[a]xanthene-11-ones using Ce(SO ₄) ₂ ·4H ₂ O as a novel, reusable, heterogeneous catalyst. <i>Research on Chemical Intermediates</i> , 2015, 41, 2415-2425.	2.7	19
52	Atom-economy click synthesis of tetrahydrobenzo[b]pyrans using carbon-based solid acid as a novel, highly efficient and reusable heterogeneous catalyst. <i>Research on Chemical Intermediates</i> , 2015, 41, 4373-4386.	2.7	23
53	DMAP catalyzed synthesis of some new pyrrolo[3,2- <i>e</i>][1,2,4]triazolo[1,5- <i>c</i>]pyrimidines. <i>Research on Chemical Intermediates</i> , 2015, 41, 5731-5742.	2.7	21
54	An efficient and high-yielding one-pot synthesis of 1H-pyrazolo[1,2- <i>b</i>]phthalazine-5,10-diones catalyzed by sodium hydrogen carbonate under solvent-free conditions. <i>Oriental Journal of Chemistry</i> , 2015, 31, 2153-2158.	0.3	20

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55	Dmap-Catalyzed Synthesis of Novel Pyrrolo[2,3-D]Pyrimidine Derivatives Bearing an Aromatic Sulfonamide Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 839-848.	1.6	21
56	Application of a Keplerate type giant nanoporous isopolyoxomolybdate as a reusable catalyst for the synthesis of 1,2,4,5-tetrasubstituted imidazoles. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1761-1767.	14.0	21
57	A facile, green, one-pot synthesis of amidoalkyl naphthols under solvent-free conditions catalyzed by a carbon-based solid acid. <i>Chinese Journal of Catalysis</i> , 2014, 35, 490-495.	14.0	15
58	Synthesis of New Fluorescent Pyrazolo[4,3- <i>i</i>]Acridine Derivatives Having Strong Antibacterial Activities. <i>Journal of Chemical Research</i> , 2014, 38, 202-207.	1.3	15
59	Cerium (IV) sulfate: A highly efficient reusable heterogeneous catalyst for the one-pot synthesis of 2,3-dihydroquinazolin-4(1H)-ones under solvent-free conditions. <i>Chinese Journal of Catalysis</i> , 2014, 35, 1054-1058.	14.0	10
60	Performance Evaluation of Newly Prepared Alumina Supported Polyphosphoric Acid (PPA/Al ₂ O ₃) as Efficient and Reusable Catalyst for the Synthesis of 1,8-Dioxodecahydroacridines. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014, 44, 70-78.	0.6	10
61	Design, Synthesis, Fluorescence Properties and Antibacterial Activities of New 8-Chloro-3-Alkyl-3H-Pyrazolo[4,3- <i>a</i>]acridine-11-Carbonitriles. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 551-556.	1.9	8
62	Tetrabutylammonium hexatungstate [TBA] ₂ [W ₆ O ₁₉]: Novel and reusable heterogeneous catalyst for rapid solvent-free synthesis of polyhydroquinoline via unsymmetrical Hantzsch reaction. <i>Chinese Journal of Catalysis</i> , 2013, 34, 1173-1178.	14.0	54
63	7-Deazaadenines: synthesis of some new pyrrolo[2,3- <i>d</i>]pyrimidin-4-amines. <i>Monatshefte für Chemie</i> , 2013, 144, 677-680.	1.8	18
64	1,3-Dipolar Cycloaddition of 4-Chlorobenzonitrile Oxide with Some Dipolarophiles: Theoretical Analysis of Regioselectivity. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 188-193.	2.6	5
65	Alumina Supported Acidic Ionic Liquid: Preparation, Characterization, and Its Application as Catalyst in the Synthesis of 1,8-dioxo-octahydroxanthenes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 1154-1161.	0.6	11
66	A Fast, Highly Efficient and Green Protocol for One-Pot Synthesis of 2,4,5-Trisubstituted Imidazoles Catalyzed by [TBA] ₂ [W ₆ O ₁₉] as a Reusable Heterogeneous Catalyst. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 1508-1512.	1.9	10
67	A Rapid and Green Method for Solvent-Free Synthesis of 1,8-Dioxodecahydroacridines Using Tetrabutylammonium Hexatungstate as a Reusable Heterogeneous Catalyst. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1797-1801.	14.0	40
68	Sulfonated Carbon Catalyzed Biginelli Reaction for One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones and -thiones. <i>Chinese Journal of Catalysis</i> , 2012, 33, 706-710.	14.0	56
69	A New Phosphotungstic Acid Salt, [Et ₃ NH] ₃ PW ₁₂ O ₄₀ : Synthesis, Characterization and Its Application as Catalyst in the Synthesis of 4(3H)-Quinazolinones. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 76-81.	0.6	8
70	An Efficient Method for Knoevenagel Condensation Catalyzed by Tetrabutylammonium hexatungstate [TBA] ₂ [W ₆ O ₁₉] as Novel and Reusable Heterogeneous Catalyst. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2012, 42, 1022-1026.	0.6	17
71	Microwave Assisted Sol-Gel Synthesis of MgO Nanoparticles and Their Catalytic Activity in the Synthesis of Hantzsch 1,4-Dihydropyridines. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1502-1507.	14.0	116
72	Solvent-Free Selective Cross-Aldol Condensation of Ketones with Aromatic Aldehydes Efficiently Catalyzed by a Reusable Supported Acidic Ionic Liquid. <i>Chinese Journal of Catalysis</i> , 2012, 33, 1950-1957.	14.0	14

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73	An Efficient and Green Procedure for the Synthesis of 2,4,6-Triarylpyridines Using PPA-SiO ₂ as a Reusable Heterogeneous Catalyst Under Solvent-Free Conditions. E-Journal of Chemistry, 2012, 9, 2037-2043.	0.5	4
74	Gadolinium(III) ion selective sensor using a new synthesized Schiff's base as a sensing material. Materials Science and Engineering C, 2012, 32, 712-717.	7.3	49
75	CARBON-BASED SOLID ACID CATALYZED SYNTHESIS OF POLYHYDROQUINOLINE DERIVATIVES VIA HANTZSCH REACTION UNDER SOLVENT-FREE CONDITIONS. Journal of the Chilean Chemical Society, 2012, 57, 1385-1387.	1.2	18
76	A DABCO Derived Ionic Liquid Based on Tetrafluoroborate Anion: Preparation, Characterization and Evaluation of its Catalytic Activity in the Synthesis of 14-Aryl-14H-dibenzo[a, j]xanthenes. Bulletin of the Korean Chemical Society, 2012, 33, 1154-1158.	1.9	14
77	Polymer Support Immobilized Acidic Ionic Liquid: Preparation and Its Application as Catalyst in the Synthesis of Hantzsch 1,4-Dihydropyridines. Bulletin of the Korean Chemical Society, 2012, 33, 2140-2144.	1.9	24
78	Preparation, Characterization and First Application of Aerosil Silica Supported Acidic Ionic Liquid as a Reusable Heterogeneous Catalyst for the Synthesis of 2,3-Dihydroquinazolin-4(1H)-ones. Bulletin of the Korean Chemical Society, 2012, 33, 2724-2730.	1.9	26
79	Carbon-Based Solid Acid as an Efficient and Reusable Catalyst for the Synthesis of 1,8-Dioxodecahydroacridines Under Solvent-Free Conditions. Bulletin of the Korean Chemical Society, 2011, 32, 2243-2248.	1.9	66
80	Silica Gel-Supported Polyphosphoric Acid (PPA-SiO ₂) Catalyzed One-Pot Multi-Component Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones and -thiones: An Efficient Method for the Biginelli Reaction. Bulletin of the Korean Chemical Society, 2011, 32, 656-658.	1.9	76
81	INVESTIGATION INTO THE REGIOCHEMISTRY OF SOME PYRAZOLES DERIVED FROM 1, 3-DIPOLAR CYCLOADDITION OF ACRYLONITRILE WITH SOME NITRILIMINES: THEORETICAL AND EXPERIMENTAL STUDIES. Journal of the Chilean Chemical Society, 2011, 56, 870-874.	1.2	3
82	An unexpected tetracyclic product isolated during the synthesis of biscoumarins catalyzed by [MIM(CH ₂) ₄ SO ₃ H][HSO ₄]: Characterization and X-ray crystal structure of 7-(2-hydroxy-4-oxo-4H-chromen-3-yl)-6H,7H-chromeno[4,3-b]chromen-6-one. Journal of Molecular Liquids, 2011, 163, 122-127.	4.9	53
83	One-pot synthesis of 2-amino-3-cyano-4-arylsubstituted tetrahydrobenzo[b]pyrans catalysed by silica gel-supported polyphosphoric acid (PPA-SiO ₂) as an efficient and reusable catalyst. Chemical Papers, 2011, 65, .	2.2	51
84	A Carbon Material as a Strong Protonic Acid for Efficient Synthesis of 4(3H)quinazolinones. Chinese Journal of Chemistry, 2011, 29, 1685-1688.	4.9	11
85	Synthesis of Pyrazolo[3,4-d]pyrimidin-4-ones Catalyzed by Brønsted Acidic Ionic Liquids as Highly Efficient and Reusable Catalysts. Chinese Journal of Chemistry, 2011, 29, 2421-2426.	4.9	21
86	Carbon-Based Solid Acid as An Efficient and Reusable Catalyst for One-Pot Synthesis of Tetrasubstituted Imidazoles under Solvent-Free Conditions. Chinese Journal of Chemistry, 2011, 29, 203-206.	4.9	29
87	Silica Gel-Supported Polyphosphoric Acid (PPA/SiO ₂): An Efficient and Reusable Heterogeneous Catalyst for Facile Synthesis of 14-Aryl-14H-dibenzo[a, j]xanthenes under Solvent-Free Conditions. Chinese Journal of Chemistry, 2011, 29, 297-302.	4.9	42
88	SO ₃ -Functionalized Ionic Liquids: Green, Efficient and Reusable Catalysts for the Facile Dehydration of Aldoximes into Nitriles. Chinese Journal of Chemistry, 2011, 29, 978-982.	4.9	28
89	Investigation into the Regiochemistry of Some Pyrazoles Derived from 1,3-Dipolar Cycloaddition of Methyl Methacrylate with Some Nitrilimines: A Combined Theoretical and Experimental Study. Chinese Journal of Chemistry, 2011, 29, 1167-1172.	4.9	3
90	PPA-SiO ₂ catalyzed efficient synthesis of polyhydroquinoline derivatives through Hantzsch multicomponent condensation under solvent-free conditions. Chinese Chemical Letters, 2011, 22, 807-810.	9.0	62

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91	Antitumor activity of novel pyrrolo[2,3-d]pyrimidin-4-ones. Drug and Chemical Toxicology, 2011, 34, 271-276.	2.3	10
92	An Environmentally Benign One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i>)-ones and -thiones Using Tetrabutylammonium Hexatungstate [TBA] ₂ [W ₆ O ₁₉] as a Recyclable Catalyst. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1135-1140.	0.6	14
93	A Simple and Fast Method for Protection of Aldehydes as 1,1-Diacetates Using Cerium(IV) Sulfate as an Efficient and Reusable Inorganic Catalyst. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1063-1066.	0.6	6
94	A Highly Efficient and Fast Method for the Synthesis of Biscoumarins Using Tetrabutylammonium Hexatungstate [TBA] ₂ [W ₆ O ₁₉] as Green and Reusable Heterogeneous Catalyst. Bulletin of the Korean Chemical Society, 2011, 32, 4286-4290.	1.9	29
95	Carbon-based Solid Acid Catalyzed One-pot Mannich Reaction: A Facile Synthesis of β -Amino Carbonyl Compounds. Bulletin of the Korean Chemical Society, 2011, 32, 635-638.	1.9	44
96	Brønsted Acidic Ionic Liquids as Efficient Catalysts for Clean Synthesis of Carbamatoalkyl Naphthols. Bulletin of the Korean Chemical Society, 2011, 32, 787-792.	1.9	22
97	Experimental and Theoretical Studies on the Tautomerism in 2-Aminopyridines and 2(1 <i>H</i>)-Pyridinones: Synthesis of 2-Amino-4-aryl-3-cyano-6-(3,4-dimethoxyphenyl)pyridines and 4-Aryl-3-cyano-6-(3,4-dimethoxyphenyl)-2(1 <i>H</i>)-pyridinones. Bulletin of the Korean Chemical Society, 2011, 32, 1873-1878.	1.9	9
98	Preparation, Characterization and First Application of Alumina Supported Polyphosphoric Acid (PPA/Al ₂ O ₃) as a Reusable Catalyst for the Synthesis of 14-Aryl-14 <i>H</i> -dibenzo[<i>a</i> , <i>j</i>]xanthenes. Bulletin of the Korean Chemical Society, 2011, 32, 2311-2315.	1.9	11
99	Alumina Supported Ammonium Dihydrogenphosphate (NH ₄ PO ₄ /Al ₂ O ₃): Preparation, Characterization and Its Application as Catalyst in the Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles. Bulletin of the Korean Chemical Society, 2011, 32, 2385-2390.	1.9	40
100	Highly efficient, one-pot, solvent-free synthesis of 2,4,6-triarylpyridines using a Brønsted-acidic ionic liquid as reusable catalyst. Monatshefte für Chemie, 2010, 141, 867-870.	1.8	76
101	A Modified and Green Procedure for the Synthesis of β -Amido Ketones Using a Brønsted Acidic Ionic Liquid as Novel and Reusable Catalyst. Chinese Journal of Chemistry, 2010, 28, 429-433.	4.9	25
102	7-Deazapurines: Synthesis of new pyrrolo[2,3-d]pyrimidin-4-ones catalyzed by a Brønsted-acidic ionic liquid as a green and reusable catalyst. Chinese Chemical Letters, 2010, 21, 1-4.	9.0	48
103	Selective and mild oxidation of sulfides to sulfoxides by H ₂ O ₂ using DBUH-Br ₃ as catalyst. Chinese Chemical Letters, 2010, 21, 651-655.	9.0	13
104	Highly efficient solvent-free synthesis of quinazolin-4(3 <i>H</i>)-ones and 2,3-dihydroquinazolin-4(1 <i>H</i>)-ones using tetrabutylammonium bromide as novel ionic liquid catalyst. Chinese Chemical Letters, 2010, 21, 550-553.	9.0	145
105	Brønsted Acid Ionic Liquid [(CH ₂) ₄ SO ₃ HMIM][HSO ₄] as Novel Catalyst for One-Pot Synthesis of Hantzsch Polyhydroquinoline Derivatives. Synthetic Communications, 2010, 40, 523-529.	2.1	53
106	Green, One-Pot, Solvent-Free Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles Using a Brønsted Acidic Ionic Liquid as Novel and Reusable Catalyst. Synthetic Communications, 2010, 40, 2588-2597.	2.1	82
107	Synthesis Of Some New Thieno[2,3-D]Pyrimidin-4- Amine Derivatives. Heterocyclic Communications, 2009, 15, .	1.2	1
108	Investigation into the reaction of 2-amino-4,5-dimethylthiophene-3-carboxamide with iso(and) Tj ETQq0 0,0,rgBT /Overlock 10	0.7	18

#	ARTICLE	IF	CITATIONS
109	New route to 2-arylthieno[2,3-d]pyrimidin-4(3H)-ones and isolation of the unoxidized intermediates. Monatshefte für Chemie, 2009, 140, 355-358.	1.8	13
110	Brønsted-acidic ionic liquid [HO3S(CH2)4MIM][HSO4] as efficient and reusable catalyst for one-pot synthesis of 1 ² -acetamido ketones. Monatshefte für Chemie, 2009, 140, 1499-1502.	1.8	46
111	Synthesis of pyrido[3,2-a:4,5-b]thieno[2,3-e][1,2,4]triazolo[4,3-a]pyrimidin-5(4H)-one derivatives. Monatshefte für Chemie, 2008, 139, 963-965.	1.8	29
112	Synthesis of pyrazolo[4,3-e][1,2,4]triazolo[4,3-c]pyrimidines. Monatshefte für Chemie, 2008, 139, 1405-1407.	1.8	28
113	A rapid synthesis of isoxazolo[5,4-d]pyrimidin-4(5H)-ones under microwave irradiation with solid acid catalysis in solvent-free conditions. Chinese Chemical Letters, 2008, 19, 525-528.	9.0	27
114	Synthesis of Some New 2-Arylthieno[2,3-d]Pyrimidin-4(3H)-One Derivatives. Journal of Chemical Research, 2008, 2008, 1-2.	1.3	5
115	A CONVENIENT APPROACH TO THE SYNTHESIS OF NEW SUBSTITUTED ISOXAZOLO[5,4-D]PYRIMIDIN-4(5H)-ONES. Heterocyclic Communications, 2007, 13, .	1.2	26
116	Synthesis of Novel Benzimidazo[1,2-c][1,2,4]triazolo[4,3-a]quinazoline derivatives. Journal of Chemical Research, 2007, 2007, 257-258.	1.3	11
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119	Synthesis of 8-aryl-1H-pyrazolo[4,3-e][1,2,4]triazolo[4,3-a] pyrimidine-4(5H)-imine by using the Preyssler's anion [NaP5W30O110]14- as a green and eco-friendly catalyst. Journal of Molecular Catalysis A, 2006, 260, 77-81.	4.8	31
120	Synthesis of 1H-Pyrazolo[4,3-e][5,6]pyrimido[2,1-a]isoindol-4(10H)-ones. Derivatives of a New Ring System. Heterocycles, 2006, 68, 801.	0.7	19
121	Acid Catalyzed, Regioselective Synthesis of 2-Substituted 5-Methylthiazolo[3,2-B]-S-Triazoles. Synthetic Communications, 1999, 29, 4417-4422.	2.1	16