

Abolghasem Davoodnia

List of Publications by Year in descending order

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all docs

151
docs citations

151
times ranked

1652
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient solvent-free synthesis of quinazolin-4(3H)-ones and 2,3-dihydroquinazolin-4(1H)-ones using tetrabutylammonium bromide as novel ionic liquid catalyst. Chinese Chemical Letters, 2010, 21, 550-553.	9.0	145
2	Microwave Assisted Sol-Gel Synthesis of MgO Nanoparticles and Their Catalytic Activity in the Synthesis of Hantzsch 1,4-Dihydropyridines. Chinese Journal of Catalysis, 2012, 33, 1502-1507.	14.0	116
3	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
4	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
5	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
6	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
7	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
8	Sulfonated Carbon Catalyzed Biginelli Reaction for One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones and -thiones. Chinese Journal of Catalysis, 2012, 33, 706-710.	14.0	56
9	Tetrabutylammonium hexatungstate [TBA] ₂ [W ₆ O ₁₉]: Novel and reusable heterogeneous catalyst for rapid solvent-free synthesis of polyhydroquinoline via unsymmetrical Hantzsch reaction. Chinese Journal of Catalysis, 2013, 34, 1173-1178.	14.0	54
10	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
11	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
12	A new route to the synthesis of thieno[2,3-d]pyrimidin-4(3H)-one derivatives catalyzed by 12-tungstophosphoric acid (H ₃ PW ₁₂ O ₄₀). Chinese Chemical Letters, 2007, 18, 1483-1486.	9.0	51
13	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
14	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
15	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
16	Brønsted-acidic ionic liquid [HO ₃ S(CH ₂) ₄ MIM][HSO ₄] as efficient and reusable catalyst for one-pot synthesis of 1 ² -acetamido ketones. Monatshefte für Chemie, 2009, 140, 1499-1502.	1.8	46
17	Carbon-based Solid Acid Catalyzed One-pot Mannich Reaction: A Facile Synthesis of 1 ² -Amino Carbonyl Compounds. Bulletin of the Korean Chemical Society, 2011, 32, 635-638.	1.9	44
18	Silica Gel-Supported Polyphosphoric Acid (PPA/SiO ₂): An Efficient and Reusable Heterogeneous Catalyst for Facile Synthesis of 1,4-Aryl-1,4-dihydro-1,4-dibenzo[a,c]xanthenes under Solvent-Free Conditions. Chinese Journal of Chemistry, 2011, 29, 297-302.	4.9	42

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19	Phosphomolybdic acid supported on Schiff base functionalized graphene oxide nanosheets: Preparation, characterization, and first catalytic application in the multi-component synthesis of tetrahydrobenzo[<i>a</i>]xanthene-1-ones. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4881.	3.5	41
20	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
21	Alumina Supported Ammonium Dihydrogenphosphate (NH ₄ H ₂ PO ₄ /Al ₂ O ₃): Preparation, Characterization and Its Application as Catalyst in the Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2385-2390.	1.9	40
22	Synthesis of 8-aryl-1H-pyrazolo[4,3- <i>e</i>][1,2,4]triazolo[4,3- <i>a</i>]pyrimidine-4(5H)-imine by using the Preyssler's anion [NaP ₅ W ₃ O ₁₁] ¹⁴⁻ as a green and eco-friendly catalyst. <i>Journal of Molecular Catalysis A</i> , 2006, 260, 77-81.	4.8	31
23	Synthesis of pyrido[3- <i>e</i> ,2- <i>e</i> :4,5]thieno[2,3- <i>e</i>][1,2,4]triazolo[4,3- <i>a</i>]pyrimidin-5(4H)-one derivatives. <i>Monatshefte für Chemie</i> , 2008, 139, 963-965.	1.8	29
24	Carbon-Based Solid Acid as An Efficient and Reusable Catalyst for One-Pot Synthesis of Tetrasubstituted Imidazoles under Solvent-Free Conditions. <i>Chinese Journal of Chemistry</i> , 2011, 29, 203-206.	4.9	29
25	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. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3930.	3.5	29
26	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. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 4286-4290.	1.9	29
27	Synthesis of pyrazolo[4,3- <i>e</i>][1,2,4]triazolo[4,3- <i>c</i>]pyrimidines. <i>Monatshefte für Chemie</i> , 2008, 139, 1405-1407.	1.8	28
28	SO ₃ H-Functionalized Ionic Liquids: Green, Efficient and Reusable Catalysts for the Facile Dehydration of Aldoximes into Nitriles. <i>Chinese Journal of Chemistry</i> , 2011, 29, 978-982.	4.9	28
29	A facile one-pot synthesis of new thieno[2,3- <i>d</i>]pyrimidine-2,4(1H,3H)-dione derivatives. <i>Chinese Chemical Letters</i> , 2007, 18, 1163-1165.	9.0	27
30	A rapid synthesis of isoxazolo[5,4- <i>d</i>]pyrimidin-4(5H)-ones under microwave irradiation with solid acid catalysis in solvent-free conditions. <i>Chinese Chemical Letters</i> , 2008, 19, 525-528.	9.0	27
31	A CONVENIENT APPROACH TO THE SYNTHESIS OF NEW SUBSTITUTED ISOXAZOLO[5,4-D]PYRIMIDIN-4(5H)-ONES. <i>Heterocyclic Communications</i> , 2007, 13, .	1.2	26
32	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. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2724-2730.	1.9	26
33	A Modified and Green Procedure for the Synthesis of <i>β</i> -Amido Ketones Using a Brønsted Acidic Ionic Liquid as Novel and Reusable Catalyst. <i>Chinese Journal of Chemistry</i> , 2010, 28, 429-433.	4.9	25
34	Polymer Support Immobilized Acidic Ionic Liquid: Preparation and Its Application as Catalyst in the Synthesis of Hantzsch 1,4-Dihydropyridines. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 2140-2144.	1.9	24
35	Atom-economy click synthesis of tetrahydrobenzo[<i>b</i>]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
36	Brønsted Acidic Ionic Liquids as Efficient Catalysts for Clean Synthesis of Carbamatealkyl Naphthols. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 787-792.	1.9	22

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37	Synthesis of Pyrazolo[3,4-d]pyrimidin-4-ones Catalyzed by Brønsted Acidic Ionic Liquids as Highly Efficient and Reusable Catalysts. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2421-2426.	4.9	21
38	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
39	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
40	DMAP catalyzed synthesis of some new pyrrolo[3,2-e][1,2,4]triazolo[1,5-c]pyrimidines. <i>Research on Chemical Intermediates</i> , 2015, 41, 5731-5742.	2.7	21
41	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
42	Synthesis, characterization and quantum-chemical investigations of new fluorescent heterocyclic Schiff-base ligands and their cobalt(II) complexes. <i>Inorganica Chimica Acta</i> , 2019, 484, 450-456.	2.4	20
43	An efficient and high-yielding one-pot synthesis of 1H-pyrazolo[1,2-b]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
44	Synthesis of 1H-Pyrazolo[4 TM ,3 TM :5,6]pyrimido[2,1-a]isoindol-4(10H)-ones. <i>Derivatives of a New Ring System. Heterocycles</i> , 2006, 68, 801.	0.7	19
45	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
46	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
47	7-Deazaadenines: synthesis of some new pyrrolo[2,3-d]pyrimidin-4-amines. <i>Monatshefte Für Chemie</i> , 2013, 144, 677-680.	1.8	18
48	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. <i>Russian Journal of General Chemistry</i> , 2017, 87, 2436-2443.	0.8	18
49	CARBON-BASED SOLID ACID CATALYZED SYNTHESIS OF POLYHYDROQUINOLINE DERIVATIVES VIA HANTZSCH REACTION UNDER SOLVENT-FREE CONDITIONS. <i>Journal of the Chilean Chemical Society</i> , 2012, 57, 1385-1387.	1.2	18
50	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
51	New fluorescent 3H-imidazo[4,5-e][2,1]benzoxazoles: synthesis, spectroscopic characterization, and antibacterial activity. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 918-922.	1.2	17
52	Graphene Oxide Functionalized Organic-Inorganic Hybrid (GO-Si-NH ₂ -PMo): An Efficient and Green Catalyst for the Synthesis of Tetrahydrobenzo[b]pyran Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 781-794.	2.6	17
53	Acid Catalyzed, Regioselective Synthesis of 2-Substituted 5-Methylthiazolo[3,2-B]-S-Triazoles. <i>Synthetic Communications</i> , 1999, 29, 4417-4422.	2.1	16
54	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

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55	Synthesis of New Fluorescent Pyrazolo[4,3- <i>a</i>]Acridine Derivatives Having Strong Antibacterial Activities. <i>Journal of Chemical Research</i> , 2014, 38, 202-207.	1.3	15
56	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
57	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
58	Efficient one-pot synthesis of some new pyrimido[5 ϵ^2 ,4 ϵ^2 :5,6]pyrido[2,3- <i>d</i>]pyrimidines catalyzed by magnetically recyclable Fe ₃ O ₄ nanoparticles. <i>Russian Journal of General Chemistry</i> , 2017, 87, 863-867.	0.8	15
59	An Environmentally Benign One-Pot Synthesis of 3,4-Dihydropyrimidin-2(1- <i>H</i>)-ones and -thiones Using Tetrabutylammonium Hexatungstate [TBA]W ₆ O ₁₉ as a Recyclable Catalyst. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2011, 41, 1135-1140.	0.6	14
60	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
61	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
62	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
63	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- <i>a</i>]isoxazole. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4178.	3.5	14
64	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[<i>a</i> , <i>j</i>]xanthenes. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1154-1158.	1.9	14
65	New route to 2-arylthieno[2,3- <i>d</i>]pyrimidin-4(3H)-ones and isolation of the unoxidized intermediates. <i>Monatshefte für Chemie</i> , 2009, 140, 355-358.	1.8	13
66	Selective and mild oxidation of sulfides to sulfoxides by H ₂ O ₂ using DBUH-Br ₃ as catalyst. <i>Chinese Chemical Letters</i> , 2010, 21, 651-655.	9.0	13
67	Another application of (NH ₄) ₂ [Mo ₂ V ₂ O ₃₇](CH ₃) ₁₃ as a highly efficient recyclable catalyst for the synthesis of dihydropyrano[3,2- <i>a</i>]chromenes. <i>Applied Organometallic Chemistry</i> , 2016, 30, 626-629.	3.5	13
68	Synthesis of Novel Benzimidazo[1,2- <i>c</i>][1,2,4]triazolo[4,3- <i>a</i>]quinazoline derivatives. <i>Journal of Chemical Research</i> , 2007, 2007, 257-258.	1.3	11
69	A Carbon Material as a Strong Protonic Acid for Efficient Synthesis of 4(3- <i>H</i>)-Quinazolinones. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1685-1688.	4.9	11
70	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
71	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[<i>a</i>]xanthene-11-ones. <i>Russian Journal of General Chemistry</i> , 2016, 86, 2849-2854.	0.8	11
72	Synthesis of New Pyrimido[4 ϵ^2 ,5 ϵ^2 :3,4]pyrazolo[1,2- <i>a</i>]phthalazine-4,7,12- ϵ^1 triones: Derivatives of a New Heterocyclic Ring System. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 161-165.	2.6	11

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73	Nanolipid-loaded Preyssler polyoxometalate: Synthesis, characterization and invitro inhibitory effects on HepG2 tumor cells. <i>Toxicology in Vitro</i> , 2020, 68, 104917.	2.4	11
74	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-14H-dibenzo[a, j]xanthenes. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 2311-2315.	1.9	11
75	Antitumor activity of novel pyrrolo[2,3-d]pyrimidin-4-ones. <i>Drug and Chemical Toxicology</i> , 2011, 34, 271-276.	2.3	10
76	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
77	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
78	Synthesis, antiviral, and cytotoxic investigation of imidazo[4,5-a]acridones. <i>Medicinal Chemistry Research</i> , 2015, 24, 3912-3919.	2.4	10
79	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
80	Ultrasonic synthesis, characterization, and antibacterial evaluation of novel heterocycles containing hexahydroquinoline and pyrrole moieties. <i>Heterocyclic Communications</i> , 2017, 23, 65-70.	1.2	10
81	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. <i>Organic Preparations and Procedures International</i> , 2017, 49, 236-248.	1.3	10
82	Synthesis and antibacterial activity of some new benzo[5,6]chromeno[2,3-d]pyrimidines. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 429-434.	1.0	10
83	Synthesis of new 3-H-chromeno[2,3-d]pyrimidine-4,6(5H,7H)-diones <i>via</i> the tandem intramolecular Pinner/Dimroth rearrangement. <i>Heterocyclic Communications</i> , 2018, 24, 31-35.	1.2	10
84	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
85	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
86	Synthesis of Some New 1,3,4,5-tetrasubstituted 1-H-imidazole-2-thiones <i>Via</i> a Facile One-Pot Three-Component Reaction in the Presence of Solvent and Heteropolyacids. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 313-317.	2.6	9
87	Synthesis of New Imino Containing <i>scp</i> Tetrahydrochromeno[2,3-d]pyrimidines <i>scp</i> . <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1437-1441.	2.6	9
88	Synthesis of Benzo[<i>f</i>]chromeno[2,3-d]pyrimidines <i>via</i> the Tandem Intramolecular Pinner/Dimroth Rearrangement and their Antibacterial and Antioxidant Evaluation. <i>Organic Preparations and Procedures International</i> , 2019, 51, 357-367.	1.3	9
89	Experimental and Theoretical Studies on the Tautomerism in 2-Aminopyridines and 2(1H)-Pyridinones: Synthesis of 2-Amino-4-aryl-3-cyano-6-(3,4-dimethoxyphenyl)pyridines and 4-Aryl-3-cyano-6-(3,4-dimethoxyphenyl)-2(1H)-pyridinones. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 1873-1878.	1.9	9
90	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

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91	Design, Synthesis, Fluorescence Properties and Antibacterial Activities of New 8-Chloro-3-Alkyl-3H-Pyrazolo[4,3-a]acridine-11-Carbonitriles. Bulletin of the Korean Chemical Society, 2014, 35, 551-556.	1.9	8
92	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
93	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
94	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
95	1,3-Dipolar Cycloaddition of 4-Chlorobenzonitrile Oxide with Some Dipolarophiles: Theoretical Analysis of Regioselectivity. Journal of Heterocyclic Chemistry, 2013, 50, 188-193.	2.6	5
96	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
97	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
98	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
99	Synthesis, electrochemical, photophysical, and photovoltaic properties of new fluorescent compounds: 3-benzofuro[2,3-b]pyrazolo[4,3-f]quinoline. International Journal of Energy Research, 2021, 45, 7797-7805.	4.5	5
100	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
101	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
102	Efficient Synthesis of New Pyrimido[5 ² ,4 ² :5,6]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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