Mehdi Bakavoli

List of Publications by Year
in descending order

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144	1,959	279798	361022
papers	citations	23 h-index	35 g-index

157	157	157	1651
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular iodine promoted synthesis of new pyrazolo[3,4-d]pyrimidine derivatives as potential antibacterial agents. European Journal of Medicinal Chemistry, 2010, 45, 647-650.	5.5	143
2	Highly efficient, one-pot, solvent-free synthesis of 2,4,6-triarylpyridines using a BrÃ¸nsted-acidic ionic liquid as reusable catalyst. Monatshefte FÃ¼r Chemie, 2010, 141, 867-870.	1.8	76
3	Clean heterocyclic synthesis in water: I2/KI catalyzed one-pot synthesis of quinazolin-4(3H)-ones. Chinese Chemical Letters, 2008, 19, 1403-1406.	9.0	57
4	Generation of Cu nanoparticles on novel designed Fe₃O₄@SiO₂/EP.EN.EG as reusable nanocatalyst for the reduction of nitro compounds. RSC Advances, 2016, 6, 19331-19340.	3.6	54
5	Synthesis and antibacterial activity of some new derivatives of pyrazole. World Journal of Microbiology and Biotechnology, 2010, 26, 317-321.	3.6	46
6	Synthesis of imidazo[4,5-a]acridones and imidazo[4,5-a]acridines as potential antibacterial agents. Monatshefte FÃ¼r Chemie, 2009, 140, 633-638.	1.8	45
7	Nanomagnetic organicâ€“inorganic hybrid (Fe@Si-Gu-Prs): a novel magnetically green catalyst for the synthesis of tetrahydropyridine derivatives at room temperature under solvent-free conditions. Tetrahedron, 2015, 71, 436-444.	1.9	45
8	The synthesis of highly fluorescent heterocyclic compounds: Pyrido[2â€²,1â€²:2,3]imidazo[4,5-b]quinoline-12-yl cyanides. Dyes and Pigments, 2010, 86, 266-270.	3.7	42
9	Silica Gelâ€Supported Polyphosphoric Acid (PPA/SiO₂): An Efficient and Reusable Heterogeneous Catalyst for Facile Synthesis of 14â€Arylâ€14Hâ€dibenzo[a,j]xanthenes under Solventâ€free Conditions. Chinese Journal of Chemistry, 2011, 29, 297-302.	4.9	42
10	Ferric hydrogen sulfate supported on silica-coated nickel ferrite nanoparticles as new and green magnetically separable catalyst for 1,8 dioxodecahydroacridine synthesis. Chinese Journal of Catalysis, 2014, 35, 376-382.	14.0	41
11	Synthesis, characterization and first application of keggin-type heteropoly acids supported on silica coated NiFe₂O₄as novel magnetically catalysts for the synthesis of tetrahydropyridines. RSC Advances, 2014, 4, 39782.	3.6	38
12	Covalently Copper(II) Porphyrin Cross-Linked Graphene Oxide: Preparation and Catalytic Activity. Catalysis Letters, 2019, 149, 713-722.	2.6	37
13	Nanomagnetically modified ferric hydrogen sulfate (NiFe2O4@SiO2-FHS): a reusable green catalyst for the synthesis of highly functionalized piperidine derivatives. Journal of the Iranian Chemical Society, 2015, 12, 839-844.	2.2	31
14	Magnetically Recoverable Gold Nanorods as a Novel Catalyst for the Facile Reduction of Nitroarenes Under Aqueous Conditions. Catalysis Letters, 2017, 147, 491-501.	2.6	30
15	Synthesis of pyrido[3â€²,2â€²:4,5]thieno[2,3-e][1,2,4]triazolo[4,3-a]pyrimidin-5(4H)-one derivatives. Monatshefte FÃ¼r Chemie, 2008, 139, 963-965.	1.8	29
16	Quantitative determination of diazepam, nitrazepam and flunitrazepam in tablets using thin-layer chromatographyâ€“densitometry technique. Journal of Pharmaceutical and Biomedical Analysis, 2003, 31, 1185-1189.	2.8	28
17	SO₃Hâ€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
18	2â€hydroxyethylammonium formate ionic liquid grafted magnetic nanoparticle as a novel heterogeneous catalyst for the synthesis of substituted imidazoles. Applied Organometallic Chemistry, 2018, 32, e4052.	3.5	28

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19	Investigation of hydrazine addition to functionalized furans: synthesis of new functionalized 4,4â€²-bipyrazole derivatives. Tetrahedron Letters, 2006, 47, 8965-8968.	1.4	27
20	Highly dispersed copper/ppm palladium nanoparticles as novel magnetically recoverable catalyst for Suzuki reaction under aqueous conditions at room temperature. Applied Organometallic Chemistry, 2017, 31, e3743.	3.5	27
21	A CONVENIENT APPROACH TO THE SYNTHESIS OF NEW SUBSTITUTED ISOXAZOLO[5,4-D] PYRIMIDIN-4(5H)-ONES. Heterocyclic Communications, 2007, 13, .	1.2	26
22	SAR comparative studies on pyrimido[4,5-b][1,4] benzothiazine derivatives as 15-lipoxygenase inhibitors, using ab initio calculations. Journal of Molecular Modeling, 2008, 14, 471-478.	1.8	26
23	An efficient oneâ€pot synthesis of a new heterocyclic system with highâ€fluorescent properties. Journal of Heterocyclic Chemistry, 2012, 49, 208-211.	2.6	24
24	Regio-selective synthesis of 5-substituted 1H-tetrazoles using ionic liquid [BMIM]N3 in solvent-free conditions: a click reaction. Research on Chemical Intermediates, 2016, 42, 1593-1610.	2.7	22
25	Contribution of intermolecular interactions to constructing supramolecular architecture: Synthesis, structure and Hirshfeld surface analysis of a new hybrid of polyoxomolybdate and ((1H-tetrazole-5-yl) methyl)morpholine. Inorganic Chemistry Communication, 2009, 12, 879-882.	3.9	20
26	Benzothiazole thiourea derivatives as anticancer agents: Design, synthesis, and biological screening. Russian Journal of Bioorganic Chemistry, 2017, 43, 576-582.	1.0	20
27	Magnetically recoverable copper nanorods and their catalytic activity in Ullmann crossâ€coupling reaction. Applied Organometallic Chemistry, 2017, 31, e3647.	3.5	20
28	Synthesis, characterization, and investigation of catalytic activity of copper(II) porphyrin graphene oxide for azideâ€“alkyne cycloaddition. Research on Chemical Intermediates, 2019, 45, 4473-4485.	2.7	20
29	Synthesis of 1H-Pyrazolo[4â€™,3â€™:5,6]pyrimido[2,1-a]isoindol-4(10H)-ones. Derivatives of a New Ring System. Heterocycles, 2006, 68, 801.	0.7	19
30	Synthesis of new Derivatives of Pyrimido[5,4-e][1,2,4]triazolo[3,4-b] [1,3,4]Thiadiazine and Their Enzyme Inhibitory Activity Assessment on Soybean 15-lipoxygenase. Journal of Chemical Research, 2013, 37, 48-50.	1.3	19
31	Deep eutectic solvent for multi-component reactions: a highly efficient and reusable acidic catalyst for synthesis of 2,4,5-triaryl-1H-imidazoles. Research on Chemical Intermediates, 2015, 41, 3497-3505.	2.7	19
32	Cu nanoparticles immobilized on modified magnetic zeolite for the synthesis of 1,2,3â€triazoles under ultrasonic conditions. Applied Organometallic Chemistry, 2019, 33, e4774.	3.5	19
33	Sulfuric Acid: A Mild Catalyst for the Regioselective Synthesis of 2-Substituted [1,2,4]Triazolo[5,1-b][1,3]thiazin-7-ones. Monatshefte FÃ¼r Chemie, 2001, 132, 1225-1228.	1.8	18
34	Synthesis of new derivatives of 3â€arylâ€1,5â€dimethylâ€1Hâ€[1,2,4]triazolo[4â€²,3â€²:1,2]pyrimido[4,5â€e][1,3,4]oxadiazines as potential antiproliferative agents. Journal of Heterocyclic Chemistry, 2011, 48, 183-187.	1.6	18
35	Synthesis and Evaluation of a New Series of 3,5â€bis((5â€bromoâ€6â€methylâ€2â€tâ€aminopyrimidinâ€4â€yl)thio)â€4Hâ€1,2,4â€triazolâ€4â€amines and their Cyclo Products â€˜Pyrimidinylthio Pyrimidotriazolothiadiazinesâ€™ as 15â€Lipoâ€Oxygenase Inhibitors. Chemical Biology and Drug Design, 2015, 85, 216-224.	3.2	18
36	Facile Synthesis of 2-Anilinopyrimido[4,5-e]-[1,3,4]thiadiazines. Heterocycles, 2008, 75, 1745.	0.7	16

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37	Vicarious nucleophilic substitution in nitro derivatives of imidazo[1,2-a]pyridine. Mendeleev Communications, 2009, 19, 161-162.	1.6	16
38	Synthesis and antibacterial evaluations of new pyridazino[4,3â€e][1,3,4]oxadiazines. Journal of Heterocyclic Chemistry, 2011, 48, 149-152.	2.6	16
39	Synthesis and antibacterial evaluation of new heterocyclic system: [1,2,4]triazolo[3â€²,4â€²:6,1]pyridazino[4,3-e][1,3,4]thiadiazine. Heterocyclic Communications, 2012, 18, 39-42.	1.2	16
40	Direct synthesis of sulfonyl azides from sulfonic acids. Journal of Sulfur Chemistry, 2014, 35, 119-127.	2.0	16
41	Ecoâ€friendly magnetic clinoptilolite containing Cu(0) nanoparticles (CuNPs/MZN): as a new efficient catalyst for the synthesis of propargylamines via A³ and KA² coupling reactions. Applied Organometallic Chemistry, 2018, 32, e4290.	3.5	16
42	Iodine catalysed synthesis and antibacterial evaluation of thieno-[2,3-d]pyrimidine derivatives. Journal of Chemical Research, 2009, 2009, 653-655.	1.3	15
43	Synthesis of Isobenzofuran-1(3H)-ones with the Aid of Silica-Supported Preyssler Nanoparticles. Synthetic Communications, 2009, 39, 4109-4116.	2.1	15
44	Dipyrimido[4,5-b:5,4-e][1,4]thiazine: synthesis and their enzyme inhibitory activity assessment on soybean 15-lipoxygenase. Journal of the Iranian Chemical Society, 2015, 12, 1501-1508.	2.2	15
45	Synthesis of 1,2,4â€triazolo[1,5â€dâ€1,2,4â€triazineâ€5â€thiones. Journal of Heterocyclic Chemistry, 2005, 42, 1021-1025.	2.6	14
46	Synthesis of New Derivatives of Pyrazolo[4,3-e][1,2,4]Triazolo[4,3-c]Pyrimidine. Journal of Chemical Research, 2015, 39, 403-406.	1.3	14
47	Synthesis of Dihydrobenzo[b]pyrimido[4,5-e][1,4]Thiazepines; Derivatives of a Novel Ring System. Journal of Chemical Research, 2015, 39, 531-534.	1.3	14
48	Synthesis of Oxazolo[5,4â€d][1,2,4]triazolo[4,3â€a]pyrimidines as a New Class of Heterocyclic Compounds. Journal of Heterocyclic Chemistry, 2016, 53, 832-839.	2.6	14
49	THIATION OF HETEROCYCLES USING SILICA GEL SUPPORTED P2S5UNDER MICROWAVE IRRADIATION IN SOLVENTLESS SYSTEM. Synthetic Communications, 2001, 31, 2231-2234.	2.1	13
50	Synthesis of dibenzo[b,g][1,5]diazoninedione and isoindolo[2,1-a]quinazoline derivatives. Mendeleev Communications, 2006, 16, 29-30.	1.6	13
51	Sulfuric Acid Mediated Heterocyclization of ortho-Cyanomethylnitroarenes to Benzo[c]isoxazoles and Fused Benzo[c]isoxazoles. Heterocycles, 2008, 75, 165.	0.7	13
52	New route to 2-arylthieno[2,3-d]pyrimidin-4(3H)-ones and isolation of the unoxidized intermediates. Monatshefte FÃ¼r Chemie, 2009, 140, 355-358.	1.8	13
53	Synthesis of a new heterocyclic system â€" Fluoreno[1,2-d]imidazol-10-one. Canadian Journal of Chemistry, 2009, 87, 724-728.	1.1	13
54	Design, synthesis, and structureâ€"activity relationship study of 5-amido-1-(2,4-dinitrophenyl)-1H-4-pyrazolecarbonitrils as DD-carboxypeptidase/penicillin-binding protein inhibitors with Gram-positive antibacterial activity. Medicinal Chemistry Research, 2010, 19, 103-119.	2.4	13

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55	Selective and mild oxidation of sulfides to sulfoxides by H2O2 using DBUH-Br3 as catalyst. Chinese Chemical Letters, 2010, 21, 651-655.	9.0	13
56	A Straightforward Approach for the Synthesis of Novel Derivatives of Benzo[b]pyrazolo[5â€²,1â€²:2,3]pyrimido[4,5â€e][1,4]thiazine. Journal of Heterocyclic Chemistry, 2016, 53, 1231-1235.	2.6	13
57	Synthesis and Anticancer Evaluation of New Derivatives of 3-Phenyl-1,5-Dimethyl-1H-[1,2,4]Triazolo[4â€²,3â€²:1,2]Pyrimido[4,5-e][1,3,4]Oxadiazine. Journal of Chemical Research, 2010, 34, 403-406.	1.3	12
58	Synthesis of pyrimido[4â€²,5â€²:2,3][1,4]thiazepino[7,6-b]quinolines, derivatives of a novel ring system. Heterocyclic Communications, 2014, 20, 275-279.	1.2	12
59	Density functional theory study of the regio and stereoselectivity in 1,3-dipolar cycloddition reactions between N-methyl methylenenitrone and fluorinated dipolarophiles. Journal of Fluorine Chemistry, 2014, 162, 60-65.	1.7	12
60	Synthesis of Some New Pyrimido[4,5-e]Tetrazolo[5,1-b][1,3,4]Thiadiazine Derivatives via an Sâ€“N Type Smiles Rearrangement and their Antibacterial Evaluation. Journal of Chemical Research, 2016, 40, 628-632.	1.3	11
61	Regioselective Synthesis of New 2-(E)-Cyano(thiazolidin-2-ylidene)thiazoles. Molecules, 2009, 14, 4849-4857.	3.8	10
62	3,6-Di(p-chlorophenyl)-2,7-dihydro-1,4,5-thiadiazepine: Crystal Structure and Decoding Intermolecular Interactions with Hirshfeld Surface Analysis. Journal of Chemical Crystallography, 2010, 40, 746-752.	1.1	10
63	One-pot, Procedure for the Preparation of some Thiazino[2,3-b]quinoxaline Derivatives. Journal of Chemical Research, 2014, 38, 189-191.	1.3	10
64	O-prenylated 3-carboxycoumarins as a novel class of 15-LOX-1 inhibitors. PLoS ONE, 2017, 12, e0171789.	2.5	10
65	A CONVENIENT AND GENERAL SYNTHESIS OF A NOVEL HETEROCYCLIC SYSTEM; 5H-[1,3,4]THIADIAZOLO[2,3-d][1,2,4]TRIAZIN-5-ONES. Phosphorus, Sulfur and Silicon and the Related Elements, 2001, 174, 129-132.	1.6	9
66	Heteroannulation Through Palladium Catalysis: A Novel Cyclization Leading to Regioselective Synthesis of 3-Substituted Thiazolo[3,2-c]1,2,4-triazin-5-ones. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2491-2496.	1.6	9
67	Synthesis of a functionalized tetrahydro-1,4-thiazepine in water as the solvent and theoretical investigation of its tautomeric structures. Monatshefte FÃ¼r Chemie, 2008, 139, 1211-1215.	1.8	9
68	Thiazolo[4,5-d]pyrimidines: synthesis and antibacterial evaluation. Heterocyclic Communications, 2011, 17, .	1.2	9
69	A novel imidazolium-based acidic ionic liquid as an efficient and reusable catalyst for the synthesis of 2-aryl-1H-phenanthro[9,10-d]imidazoles. Research on Chemical Intermediates, 2015, 41, 4187-4197.	2.7	9
70	Rapid and direct spectrophotometric method for kinetics studies and routine assay of peroxidase based on aniline diazo substrates. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1162-1169.	5.2	9
71	Genetically modified luminescent bacteria Ralostonia solanacerum, Pseudomonas syringae, Pseudomonas savastanoi, and wild type bacterium Vibrio fischeri in biosynthesis of gold nanoparticles from gold chloride trihydrate. Artificial Cells, Nanomedicine and Biotechnology, 2016, 44, 263-269.	2.8	9
72	Facile Synthesis of Some Novel 6-Alkyl or Aryl-7H-Tetrazolo[5,1-b][1,3,4] Thiadiazine. Journal of Chemical Research, 2014, 38, 365-367.	1.3	8

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73	An Ecoâ€friendly Three Component Manifold for the Synthesis of Î±â€Aminophosphonates under Catalyst and Solventâ€free Conditions, Xâ€ray Characterization and Their Evaluation as Anticancer Agents. Journal of the Chinese Chemical Society, 2015, 62, 1087-1096.	1.4	8
74	Pyrimidooxadiazine and triazolopyrimidooxadiazine derivatives: Synthesis and cytotoxic evaluation in human cancer cell lines. Russian Journal of Bioorganic Chemistry, 2015, 41, 201-208.	1.0	8
75	Synthesis of New Derivatives of 4â€(4,7,7â€Trimethylâ€7,8â€dihydroâ€6Hâ€benzo[b]pyrimido[5,4â€e][1,4]thiazinâ€2â€yl)morpholine. Journal of Heterocyclic Chemistry, 2017, 54, 151-154.	2.6	8
76	New functionalization of graphene oxide with N₂O₂ligand for efficient loading of Cu nanostructures as a heterogeneous nanocatalyst for the synthesis of Î²â€hydroxyâ€1,2,3â€triazoles. Applied Organometallic Chemistry, 2020, 34, e5426.	3.5	8
77	Synthesis of some novel tetraimidazolium salts derived from diphenyl- and dimethylglycolurils. Monatshefte FÃ¼r Chemie, 2008, 139, 639-645.	1.8	7
78	A New Leaving Group in Nucleophilic Aromatic Substitution Reactions (SNAr). Journal of Chemical Research, 2008, 2008, 432-433.	1.3	7
79	Synthesis, characterization and theoretical evaluations of HMDS promoted chemoselective O-alkylation of uracils. Tetrahedron, 2013, 69, 8470-8476.	1.9	7
80	Pyrimido[5,4-e]tetrazolo[5,1-b][1,3,4]thiadiazines as a new heterocyclic system. Journal of Chemical Research, 2013, 37, 553-555.	1.3	7
81	Mechanism and regioselectivity of 1,3-dipolar cycloaddition reactions of bicyclic monoterpenes with aryl and heteroaryl nitrile oxides: a DFT study. Canadian Journal of Chemistry, 2015, 93, 749-753.	1.1	7
82	Synthesis and Density Functional Theory Study of [1,2,3]Triazolo[4,5-d][1,2,4] Triazolo[4,3-a]Pyrimidine Derivatives: A Novel Heterocyclic System. Journal of Chemical Research, 2016, 40, 633-636.	1.3	7
83	Synthesis of New Pyrimido[4,5â€e][1,2,4]triazolo[3,4â€b][1,3,4]thiadiazine Derivatives via S/N Smiles Rearrangement. Journal of Heterocyclic Chemistry, 2017, 54, 235-241.	2.6	7
84	Synthesis of a Novel Heterocyclic System, [1,2,4] Triazino[1,2-a]Pyrimido [4,5-e] [1,3,4] Thiadiazines. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 2477-2482.	1.6	6
85	Glycoluril-derived crown clips as new ditopic receptors. Canadian Journal of Chemistry, 2007, 85, 964-968.	1.1	6
86	A general synthesis of pyridazino[4,3- e][1,3,4]thiadiazines. Journal of Sulfur Chemistry, 2007, 28, 613-616.	2.0	6
87	Synthesis of a novel fused tricyclic heterocycle, pyrimido[5,4-e][1,4]thiazepine, and its derivatives. Heterocyclic Communications, 2013, 19, 401-404.	1.2	6
88	A Novel Ionic Liquid Based on Imidazolium Cation as an Efficient and Reusable Catalyst for the Oneâ€pot Synthesis of Benzoxazoles, Benzthiazoles, Benzimidazoles and 2â€Arylsubstituted Benzimidazoles. Journal of the Chinese Chemical Society, 2015, 62, 412-419.	1.4	6
89	Ionic liquids bis(2-N-methylimidazoliumethyl)ether dichloroiodate/dibromochlorate as an efficient halogenating reagent for the synthesis of Î±-haloketones. Research on Chemical Intermediates, 2015, 41, 1673-1682.	2.7	6
90	Synthesis of novel 3-substituted-5H-benzo[5,6][1, 4]thiazino[3,2-e][1,2,4]triazines and their 15-lipoxygenase inhibitory activity. Journal of the Iranian Chemical Society, 2016, 13, 1539-1547.	2.2	6

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91	Synthesis and evaluation of cytotoxicity of 6-amino-4-aryl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitriles. Russian Journal of Bioorganic Chemistry, 2016, 42, 316-322.	1.0	6
92	Synthesis, X-ray and Fluorescence Characteristics of Pyrimido[5,4-e]thiazolo[3,2-a]pyrimidine as a Novel Heterocyclic System. Journal of Fluorescence, 2017, 27, 1183-1190.	2.5	6
93	Synthesis of Novel Derivatives of (Benz)Imidazo[2,1-b]Pyrimido[4,5-d][1,3]Thiazine. Journal of Chemical Research, 2017, 41, 730-733.	1.3	6
94	Synthesis of a Novel Heterocyclic System: Oxazolo[3,2-c]pyrimidine. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 381-385.	1.6	5
95	SYNTHESIS OF NEW THIAZOLO [3, 2 a 4 , 5 d] DIPYRIMIDINE DERIVATIVES. Heterocyclic Communications, 2007, 13, .	1.2	5
96	Synthesis of 14-Aryl- and Alkyl-14H-dibenzo[a,j]xanthenes Catalyzed by Silica-supported Ferric Hydrogensulfate. Organic Preparations and Procedures International, 2011, 43, 302-307.	1.3	5
97	1,3â€Dipolar Cycloaddition of 4â€Chlorobenzonitrile Oxide with Some Dipolarophiles: Theoretical Analysis of Regioselectivity. Journal of Heterocyclic Chemistry, 2013, 50, 188-193.	2.6	5
98	An Alternative Approach to the Synthesis of New Pyrimido[5â€²,4â€²:5,6][1,4] Thiazino[2,3-B]Quinoxaline Derivatives. Journal of Chemical Research, 2015, 39, 174-176.	1.3	5
99	Synthesis of new derivatives of 10H-benzo[b]pyridazino[3,4-e][1,4]thiazines. Heterocyclic Communications, 2015, 21, 215-218.	1.2	5
100	KG-60-piperazine as an efficient heterogeneous catalyst for three-component synthesis of 2-amino-2H-chromenes. Research on Chemical Intermediates, 2015, 41, 6023-6032.	2.7	5
101	Nanomagnetically modified polyphosphoric acid (NiFe2O4@SiO2â€“PPA): an efficient, fast, and reusable catalyst for the synthesis of 2-thioxoquinazolinones under solvent-free conditions. Research on Chemical Intermediates, 2015, 41, 7915-7924.	2.7	5
102	Synthesis of pyrimido[4â€²,5â€²:5,6][1,4]dithiepino[2,3-b]quinoxalines: Derivatives of a novel seven membered ring system. Phosphorus, Sulfur and Silicon and the Related Elements, 2017, 192, 442-445.	1.6	5
103	Synthesis and Antioxidant Evaluation of Quinoxalino[2â€²,3â€²:5,6][1,3,4]thiadiazino[2,3â€b]quinazolinâ€15â€ones: Derivatives of a Novel Ring System. Journal of Heterocyclic Chemistry, 2018, 55, 517-521.	2.6	5
104	Regioselective synthesis of new 5H,10H-dipyrimido[2,1-b:4â€²,5â€²-d][1,3]thiazine: a combined experimental and computational study. Journal of Sulfur Chemistry, 2019, 40, 265-276.	2.0	5
105	A New Application of Hexamethylenetetramineâ€Bromine Supported onto Wet Alumina as an Efficient Reagent for Cleavage of Phenylhydrazones under Classical Heating and Microwave Irradiation. Journal of the Chinese Chemical Society, 2007, 54, 123-126.	1.4	4
106	Nitrite ionic liquid as a new reagent for in situ synthesis of aryl iodides and azides. Research on Chemical Intermediates, 2015, 41, 3999-4007.	2.7	4
107	Density functional theory study of the regioâ€and stereoselectivity of 1,3-dipolar cycloaddition reactions between 2-ethylthio-4-phenyl-1-azetin and some substituted nitrile oxides. Structural Chemistry, 2016, 27, 1041-1047.	2.0	4
108	Synthesis of 5,5â€²â€(ethaneâ€1,2â€diyl)bis(3â€((5â€bromoâ€6â€methylâ€2â€tertiaryaminopyrimidinâ€4â€yl)thio)â€4Hâ€1,2,4â€triazolâ€4â€am Their Novel bisâ€cyclized Products, 1,2â€bis(pyrimido[5,4e][1,2,4] triazolo[3,4â€b][1,3,4]thiadiazinâ€3â€yl)ethane, as Potential Inhibitors of 15â€Lipoxygenase. Journal of Heterocyclic Chemistry, 2016, 53, 403-407.	2.6	4

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109	Pure Water-Induced Dehalogenation of 2,4-Di-tert-amino-6-substituted-5-halogenopyrimidines. ACS Sustainable Chemistry and Engineering, 2018, 6, 5852-5857.	6.7	4
110	Synthesis and Complexing Properties of Novel Crown Ethers and Thiacrown Ethers Incorporating New Heterocyclic Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 2152-2158.	1.6	3
111	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
112	Regioselective synthesis of 2-[(E)-(benzo[d]thiazol-2(3H)-ylidene)(cyano)methyl]thiazoles. Heterocyclic Communications, 2011, 17, .	1.2	3
113	Synthesis of heterocyclic compounds by reaction of dialkyl acetylenedicarboxylates with thiourea derivatives. Heterocyclic Communications, 2013, 19, .	1.2	3
114	Synthesis of Novel Heterocycle Systems: 6,8-Dimethyl-2-(Methylsulfanyl)-4-Amino-Substituted Pyrimido[4â€²,5â€²:3,4]Pyrazolo[1,5-a]Pyrimidine and 9,11-Dimethyl-5-(Methylsulfanyl)Pyrimido[2â€²,1â€²:5,1]Pyrazolo[4,3-e][1,2,4] Triazolo[4,3-c]Pyrimidine. Journal of Chemical Research, 2014, 38, 643-647.	1.3	3
115	DBU: An Efficient Base Catalyst for Synthesis of the New Oxazolo[5,4-d]pyrimidine Derivatives. Synthetic Communications, 2014, 44, 2662-2668.	2.1	3
116	2â€Prenylated mâ€dimethoxybenzenes as potent inhibitors of 15â€lipoâ€oxygenase: inhibitory mechanism and <scp>SAR</scp> studies. Chemical Biology and Drug Design, 2016, 88, 460-469.	3.2	3
117	Synthesis of Thiazolo[5,4-d][1,2,4]Triazolo[4,3-a]Pyrimidines as a New Class of Heterocyclic Compounds. Journal of Chemical Research, 2016, 40, 276-279.	1.3	3
118	Regioselective synthesis of new 5-methyl-5H-pyrimido[4â€²,5â€²:4,5][1,3]thiazino [3,2-a]perimidines. Journal of Sulfur Chemistry, 2017, 38, 488-495.	2.0	3
119	Synthesis, Characterization and In Vitro Antibacterial Evaluation of Novel 4-(1-(Pyrimidin-4-yl)Ethyl)-12H-Pyrimido[4â€²,5â€²:5,6][1,4]Thiazino[2,3-b]Quinoxaline Derivatives. Polycyclic Aromatic Compounds, 2021, 41, 735-745.	2.6	3
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