

Mehdi Bakavoli

List of Publications by Year in descending order

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144
papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization and In Vitro Antibacterial Evaluation of Novel 4-(1-(Pyrimidin-4-yl)Ethyl)-12 <i>H</i> -Pyrimido[4,5- <i>b</i>][1,4]Thiazino[2,3- <i>b</i>]Quinoxaline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 735-745.		3
2	Synthesis of Pyrimido[4,5- <i>e</i>]tetrazolo[5,1- <i>b</i>][1,3,4]thiadiazepine as a Novel Fused Heterocyclic System. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 535-539.	2.6	2
3	New functionalization of graphene oxide with N ₂ O ₂ ligand for efficient loading of Cu nanostructures as a heterogeneous nanocatalyst for the synthesis of 1,2,3-triazoles. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5426.	3.5	8
4	Covalently Copper(II) Porphyrin Cross-Linked Graphene Oxide: Preparation and Catalytic Activity. <i>Catalysis Letters</i> , 2019, 149, 713-722.	2.6	37
5	Synthesis, characterization, and investigation of catalytic activity of copper(II) porphyrin graphene oxide for azide-alkyne cycloaddition. <i>Research on Chemical Intermediates</i> , 2019, 45, 4473-4485.	2.7	20
6	Regioselective synthesis of new 5 <i>H</i> ,10 <i>H</i> -dipyrimido[2,1- <i>b</i> :4- <i>d</i>][1,3]thiazine: a combined experimental and computational study. <i>Journal of Sulfur Chemistry</i> , 2019, 40, 265-276.	2.0	5
7	Cu nanoparticles immobilized on modified magnetic zeolite for the synthesis of 1,2,3-triazoles under ultrasonic conditions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4774.	3.5	19
8	A New Multicomponent Synthetic Route to Hexahydropyrido[2,3- <i>d</i>]pyrimidine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 636-641.	2.6	2
9	Eco-friendly magnetic clinoptilolite containing Cu(0) nanoparticles (CuNPs/MZN): as a new efficient catalyst for the synthesis of propargylamines <i>via</i> A ³ and KA ² coupling reactions. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4290.	3.5	16
10	Synthesis and evaluation of apoptosis induction levels of carbamate- and thiocarbamate-functionalized multi-walled carbon nanotubes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1097-1106.	2.2	2
11	Synthesis and Antioxidant Evaluation of Quinoxalino[2,3- <i>b</i>][1,3,4]thiadiazino[2,3- <i>b</i>]quinazolinones: Derivatives of a Novel Ring System. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 517-521.		5
12	Pure Water-Induced Dehalogenation of 2,4-Di- <i>tert</i> -amino-6-substituted-5-halogenopyrimidines. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5852-5857.	6.7	4
13	Synthesis of 2-substituted-4-methyl-5,13-dihydropyrimido[4,5- <i>b</i>][1,4]thiazepino[2,3- <i>b</i>]quinoxaline as a new heterocyclic system. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 545-551.	1.6	2
14	2-Hydroxyethylammonium formate ionic liquid grafted magnetic nanoparticle as a novel heterogeneous catalyst for the synthesis of substituted imidazoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4052.	3.5	28
15	Metal-Free Debromination of 5-Bromopyrimidine Derivatives Using DMF/Trialkylamine as the Hydrogen Source. <i>ChemistrySelect</i> , 2018, 3, 5401-5404.	1.5	0
16	Synthesis of New Derivatives of 4-(4,7,7-trimethyl-7,8-dihydro-6 <i>H</i> -benzo[<i>b</i>]pyrimido[5,4- <i>e</i>][1,4]thiazin-2-yl)porphyrins. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 151-154.		2
17	Synthesis of New Pyrimido[4,5- <i>e</i>][1,2,4]triazolo[3,4- <i>b</i>][1,3,4]thiadiazine Derivatives via S/N Smiles Rearrangement. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 235-241.	2.6	7
18	Synthesis and Antiproliferative Evaluation of New Pyrimido[1,6- <i>a</i>]thieno[2,3- <i>d</i>]pyrimidine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 366-374.	2.6	2

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19	Highly dispersed copper/ppm palladium nanoparticles as novel magnetically recoverable catalyst for Suzuki reaction under aqueous conditions at room temperature. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3743.	3.5	27
20	Regioselective synthesis of new 5-methyl-5H-pyrimido[4,5-d][1,3]thiazino [3,2-a]perimidines. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 488-495.	2.0	3
21	Synthesis, X-ray and Fluorescence Characteristics of Pyrimido[5,4-e]thiazolo[3,2-a]pyrimidine as a Novel Heterocyclic System. <i>Journal of Fluorescence</i> , 2017, 27, 1183-1190.	2.5	6
22	Benzothiazole thiourea derivatives as anticancer agents: Design, synthesis, and biological screening. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 576-582.	1.0	20
23	Synthesis of pyrimido[4,5-d][1,4]dithiepine[2,3-b]quinoxalines: Derivatives of a novel seven membered ring system. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 442-445.	1.6	5
24	Magnetically recoverable copper nanorods and their catalytic activity in Ullmann cross-coupling reaction. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3647.	3.5	20
25	Magnetically Recoverable Gold Nanorods as a Novel Catalyst for the Facile Reduction of Nitroarenes Under Aqueous Conditions. <i>Catalysis Letters</i> , 2017, 147, 491-501.	2.6	30
26	Synthesis of Novel Derivatives of (Benz)imidazo[2,1-b]pyrimido[4,5-d][1,3]Thiazine. <i>Journal of Chemical Research</i> , 2017, 41, 730-733.	1.3	6
27	O-prenylated 3-carboxycoumarins as a novel class of 15-LOX-1 inhibitors. <i>PLoS ONE</i> , 2017, 12, e0171789.	2.5	10
28	2-Prenylated 4-dimethoxybenzenes as potent inhibitors of 15-lipoxygenase: inhibitory mechanism and SAR studies. <i>Chemical Biology and Drug Design</i> , 2016, 88, 460-469.	3.2	3
29	Synthesis of Thiazolo[5,4-d][1,2,4]Triazolo[4,3-a]Pyrimidines as a New Class of Heterocyclic Compounds. <i>Journal of Chemical Research</i> , 2016, 40, 276-279.	1.3	3
30	NCI concept as a powerful tool to investigate the origin of Diels-Alder reaction accelerating inside the self-assembled softball nanoreactor. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 237-246.	1.6	2
31	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. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1539-1547.	2.2	6
32	Synthesis of Some New Pyrimido[4,5-e]Tetrazolo[5,1-b][1,3,4]Thiadiazine Derivatives via an N Type Smiles Rearrangement and their Antibacterial Evaluation. <i>Journal of Chemical Research</i> , 2016, 40, 628-632.	1.3	11
33	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. <i>Journal of Chemical Research</i> , 2016, 40, 633-636.	1.3	7
34	Synthesis and evaluation of cytotoxicity of 6-amino-4-aryl-2-thioxo-1,2,3,4-tetrahydropyrimidine-5-carbonitriles. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 316-322.	1.0	6
35	Synthesis of Oxazolo[5,4-d][1,2,4]triazolo[4,3-a]pyrimidines as a New Class of Heterocyclic Compounds. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 832-839.	2.6	14
36	A Straightforward Approach for the Synthesis of Novel Derivatives of Benzo[b]pyrazolo[5,1-d][1,4]thiazine. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1231-1235.	2.6	13

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37	Regio-selective synthesis of 5-substituted 1H-tetrazoles using ionic liquid [BMIM]N3 in solvent-free conditions: a click reaction. <i>Research on Chemical Intermediates</i> , 2016, 42, 1593-1610.	2.7	22
38	Microwave-assisted synthesis and antibacterial evaluation of new derivatives of 1,2-dihydro-3H-pyrazolo[3,4-d]pyrimidin-3-one. <i>Heterocyclic Communications</i> , 2016, 22, 49-53.	1.2	0
39	Generation of Cu nanoparticles on novel designed Fe ₃ O ₄ @SiO ₂ /EP.EN.EG as reusable nanocatalyst for the reduction of nitro compounds. <i>RSC Advances</i> , 2016, 6, 19331-19340.	3.6	54
40	Density functional theory study of the regio- and stereoselectivity of 1,3-dipolar cycloaddition reactions between 2-ethylthio-4-phenyl-1-azetin and some substituted nitrile oxides. <i>Structural Chemistry</i> , 2016, 27, 1041-1047.	2.0	4
41	Rapid and direct spectrophotometric method for kinetics studies and routine assay of peroxidase based on aniline diazo substrates. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1162-1169.	5.2	9
42	Genetically modified luminescent bacteria <i>Ralostonia solanacerum</i> , <i>Pseudomonas syringae</i> , <i>Pseudomonas savastanoi</i> , and wild type bacterium <i>Vibrio fischeri</i> in biosynthesis of gold nanoparticles from gold chloride trihydrate. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 263-269.	2.8	9
43	Synthesis of 5,5-bis(ethane-1,2-diyl)bis(3-(5-bromo-6-methyl-2-tertiaryaminopyrimidin-4-yl)thio)-1,2,4-triazolo[3,4-b][1,3,4]thiadiazin-3-yl)ethane, Their Novel bis-cyclized Products, 1,2-bis(pyrimido[5,4e][1,2,4] triazolo[3,4-b][1,3,4]thiadiazin-3-yl)ethane, as Potential Inhibitors of 15-lipoxygenase. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 403-407.	3.6	4
44	An Eco-friendly Three Component Manifold for the Synthesis of α -Aminophosphonates under Catalyst and Solvent-free Conditions, X-ray Characterization and Their Evaluation as Anticancer Agents. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 1087-1096.	1.4	8
45	An Alternative Approach to the Synthesis of New Pyrimido[5 α :2,4 α :5,6][1,4] Thiazino[2,3-B]Quinoxaline Derivatives. <i>Journal of Chemical Research</i> , 2015, 39, 174-176.	1.3	5
46	Synthesis of New Derivatives of Pyrazolo[4,3-e][1,2,4]Triazolo[4,3-c]Pyrimidine. <i>Journal of Chemical Research</i> , 2015, 39, 403-406.	1.3	14
47	A Novel Ionic Liquid Based on Imidazolium Cation as an Efficient and Reusable Catalyst for the One-pot Synthesis of Benzoxazoles, Benzthiazoles, Benzimidazoles and Arylsubstituted Benzimidazoles. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 412-419.	1.4	6
48	Dipyrimido[4,5-b:5,4-e][1,4]thiazine: synthesis and their enzyme inhibitory activity assessment on soybean 15-lipoxygenase. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1501-1508.	2.2	15
49	Synthesis of new derivatives of 10H-benzo[b]pyridazino[3,4-e][1,4]thiazines. <i>Heterocyclic Communications</i> , 2015, 21, 215-218.	1.2	5
50	Mechanism and regioselectivity of 1,3-dipolar cycloaddition reactions of bicyclic monoterpenes with aryl and heteroaryl nitrile oxides: a DFT study. <i>Canadian Journal of Chemistry</i> , 2015, 93, 749-753.	1.1	7
51	Pyrimidooxadiazine and triazolopyrimidooxadiazine derivatives: Synthesis and cytotoxic evaluation in human cancer cell lines. <i>Russian Journal of Bioorganic Chemistry</i> , 2015, 41, 201-208.	1.0	8
52	Synthesis of Dihydrobenzo[b]pyrimido[4,5-e][1,4]Thiazepines; Derivatives of a Novel Ring System. <i>Journal of Chemical Research</i> , 2015, 39, 531-534.	1.3	14
53	Nanomagnetic organic-inorganic hybrid (Fe@Si-Gu-Prs): a novel magnetically green catalyst for the synthesis of tetrahydropyridine derivatives at room temperature under solvent-free conditions. <i>Tetrahedron</i> , 2015, 71, 436-444.	1.9	45
54	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

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55	Ionic liquids bis(2-N-methylimidazoliummethyl)ether dichloroiodate/dibromochlorate as an efficient halogenating reagent for the synthesis of β -haloketones. <i>Research on Chemical Intermediates</i> , 2015, 41, 1673-1682.	2.7	6
56	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. <i>Research on Chemical Intermediates</i> , 2015, 41, 4187-4197.	2.7	9
57	Nitrite ionic liquid as a new reagent for in situ synthesis of aryl iodides and azides. <i>Research on Chemical Intermediates</i> , 2015, 41, 3999-4007.	2.7	4
58	PPh ₃ -catalyzed Mannich reaction: a facile one-pot synthesis of β -amino carbonyl compounds under solvent-free conditions at room temperature. <i>Research on Chemical Intermediates</i> , 2015, 41, 3649-3658.	2.7	2
59	Deep eutectic solvent for multi-component reactions: a highly efficient and reusable acidic catalyst for synthesis of 2,4,5-triaryl-1H-imidazoles. <i>Research on Chemical Intermediates</i> , 2015, 41, 3497-3505.	2.7	19
60	A facile one-pot synthesis of functionalized fused benzochromene derivatives via intramolecular Wittig reactions. <i>Research on Chemical Intermediates</i> , 2015, 41, 3359-3366.	2.7	1
61	KG-60-piperazine as an efficient heterogeneous catalyst for three-component synthesis of 2-amino-2H-chromenes. <i>Research on Chemical Intermediates</i> , 2015, 41, 6023-6032.	2.7	5
62	Nanomagnetically modified polyphosphoric acid (NiFe ₂ O ₄ @SiO ₂ -PPA): an efficient, fast, and reusable catalyst for the synthesis of 2-thioxoquinazolinones under solvent-free conditions. <i>Research on Chemical Intermediates</i> , 2015, 41, 7915-7924.	2.7	5
63	Nanomagnetically modified ferric hydrogen sulfate (NiFe ₂ O ₄ @SiO ₂ -FHS): a reusable green catalyst for the synthesis of highly functionalized piperidine derivatives. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 839-844.	2.2	31
64	Synthesis and Evaluation of a New Series of 3,5-bis((5-bromo-6-methyl-2-oxo-1,2,4-triazolo[4-c]pyrimidin-4-yl)thio)-1,2,4-triazolo[4-c]pyrimines and their Cyclic Products as Pyrimidinylthio Pyrimidotriazolothiadiazines TM as 15-lipoxygenase Inhibitors. <i>Chemical Biology and Drug Design</i> , 2015, 85, 216-224.	3.2	18
65	Naphthazarin, a simple model of important antitumor agents in a facile size-tunable synthesis of gold nanoparticles. <i>Research on Chemical Intermediates</i> , 2015, 41, 5985-5993.	2.7	2
66	Synthesis of Novel Heterocycle Systems: 6,8-Dimethyl-2-(Methylsulfanyl)-4-Amino-Substituted Pyrimido[4,5-d:3,4'-b]Pyrazolo[1,5-a:4'-c]Pyrimidine and 9,11-Dimethyl-5-(Methylsulfanyl)Pyrimido[2,1-b:3,4'-c]Pyrazolo[4,3-e:5,1'-d]Pyrimidine. <i>Journal of Chemical Research</i> , 2014, 38, 643-647.	1.3	3
67	Facile Synthesis of Some Novel 6-Alkyl or Aryl-7H-Tetrazolo[5,1-b][1,3,4]Thiadiazine. <i>Journal of Chemical Research</i> , 2014, 38, 365-367.	1.3	8
68	Synthesis of the new heterocyclic system 7,8-dihydro-6H-benzotetrazolothiadiazine and derivatives. <i>Heterocyclic Communications</i> , 2014, 20, 339-341.	1.2	1
69	Synthesis of pyrimido[4,5-d:2,3'-b]thiazepino[7,6-b:8'-c]quinolines, derivatives of a novel ring system. <i>Heterocyclic Communications</i> , 2014, 20, 275-279.	1.2	12
70	Ferric hydrogen sulfate supported on silica-coated nickel ferrite nanoparticles as new and green magnetically separable catalyst for 1,8 dioxodecahydroacridine synthesis. <i>Chinese Journal of Catalysis</i> , 2014, 35, 376-382.	14.0	41
71	One-pot, Procedure for the Preparation of some Thiazino[2,3-b]quinoxaline Derivatives. <i>Journal of Chemical Research</i> , 2014, 38, 189-191.	1.3	10
72	DBU: An Efficient Base Catalyst for Synthesis of the New Oxazolo[5,4-d]pyrimidine Derivatives. <i>Synthetic Communications</i> , 2014, 44, 2662-2668.	2.1	3

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73	Synthesis, characterization and first application of keggin-type heteropoly acids supported on silica coated NiFe ₂ O ₄ as novel magnetically catalysts for the synthesis of tetrahydropyridines. RSC Advances, 2014, 4, 39782.	3.6	38
74	An easy purification of glycoluril clips by affinity chromatography. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 353-358.	1.6	1
75	Density functional theory study of the regio and stereoselectivity in 1,3-dipolar cycloaddition reactions between N-methyl methylenitrone and fluorinated dipolarophiles. Journal of Fluorine Chemistry, 2014, 162, 60-65.	1.7	12
76	Direct synthesis of sulfonyl azides from sulfonic acids. Journal of Sulfur Chemistry, 2014, 35, 119-127.	2.0	16
77	Synthesis, characterization and theoretical evaluations of HMDS promoted chemoselective O-alkylation of uracils. Tetrahedron, 2013, 69, 8470-8476.	1.9	7
78	Synthesis of heterocyclic compounds by reaction of dialkyl acetylenedicarboxylates with thiourea derivatives. Heterocyclic Communications, 2013, 19, .	1.2	3
79	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
80	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
81	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
82	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
83	New Insight into the SAR of Pyrimido [4,5-b][1,4] Benzothiazines as 15-lipoxygenase Inhibitors. Iranian Journal of Basic Medical Sciences, 2013, 16, 784-9.	1.0	2
84	Synthesis and antibacterial evaluation of new heterocyclic system: [1,2,4]triazolo[3,4-e:6,1]pyridazino[4,3-e][1,3,4]thiadiazine. Heterocyclic Communications, 2012, 18, 1.2 39-42.		16
85	An efficient one-pot synthesis of a new heterocyclic system with high fluorescent properties. Journal of Heterocyclic Chemistry, 2012, 49, 208-211.	2.6	24
86	Thiazolo[4,5-d]pyrimidines: synthesis and antibacterial evaluation. Heterocyclic Communications, 2011, 17, .	1.2	9
87	Synthesis and evaluation of antibacterial activity of new derivatives of pyrimido[4,5-e][1,3,4]oxadiazine. Heterocyclic Communications, 2011, 17, .	1.2	1
88	Synthesis of 14-Aryl- and Alkyl-14-H-dibenzo[a,j]xanthenes Catalyzed by Silica-supported Ferric Hydrogensulfate. Organic Preparations and Procedures International, 2011, 43, 302-307.	1.3	5
89	Synthesis and antibacterial evaluations of new pyridazino[4,3-e][1,3,4]oxadiazines. Journal of Heterocyclic Chemistry, 2011, 48, 149-152.	2.6	16
90	Synthesis of new derivatives of 3-aryl-1,5-dimethyl-1H-[1,2,4]triazolo[4,3-e:1,2]pyrimido[4,5-e][1,3,4]oxadiazines as potential antiproliferative agents. Journal of Heterocyclic Chemistry, 2011, 48, 183-187.		16

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91	Silica Gel-Supported Polyphosphoric Acid (PPA/SiO ₂): An Efficient and Reusable Heterogeneous Catalyst for Facile Synthesis of 14-Aryl-1,4-dihydro-1,4-benzoxanthenes under Solvent-free Conditions. Chinese Journal of Chemistry, 2011, 29, 297-302.	4.9	42
92	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
93	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
94	Regioselective synthesis of 2-[(E)-(benzo[d]thiazol-2(3H)-ylidene)(cyano)methyl]thiazoles. Heterocyclic Communications, 2011, 17, .	1.2	3
95	Regioselective synthesis of new 2-(E)-cyano(oxazolidin-2-ylidene)thiazoles. European Journal of Chemistry, 2011, 2, 356-358.	0.6	1
96	Design, synthesis, and structure-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
97	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
98	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
99	Synthesis and antibacterial activity of some new derivatives of pyrazole. World Journal of Microbiology and Biotechnology, 2010, 26, 317-321.	3.6	46
100	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
101	The synthesis of highly fluorescent heterocyclic compounds: Pyrido[2,1-a:3,4-b]imidazo[4,5-b]quinoline-12-yl cyanides. Dyes and Pigments, 2010, 86, 266-270.	3.7	42
102	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
103	Synthesis and Anticancer Evaluation of New Derivatives of 3-Phenyl-1,5-Dimethyl-1H-[1,2,4]Triazolo[4,3-a]pyrimido[4,5-e][1,3,4]Oxadiazine. Journal of Chemical Research, 2010, 34, 403-406.	1.3	12
104	Synthesis and Complexing Properties of Novel Crown Ethers and Thiocrown Ethers Incorporating New Heterocyclic Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 2152-2158.	1.6	3
105	Iodine catalysed synthesis and antibacterial evaluation of thieno-[2,3-d]pyrimidine derivatives. Journal of Chemical Research, 2009, 2009, 653-655.	1.3	15
106	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
107	Synthesis of imidazo[4,5-a]acridones and imidazo[4,5-a]acridines as potential antibacterial agents. Monatshefte für Chemie, 2009, 140, 633-638.	1.8	45
108	Vicarious nucleophilic substitution in nitro derivatives of imidazo[1,2-a]pyridine. Mendeleev Communications, 2009, 19, 161-162.	1.6	16

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109	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. <i>Inorganic Chemistry Communication</i> , 2009, 12, 879-882.	3.9	20
110	Synthesis of Isobenzofuran-1(3H)-ones with the Aid of Silica-Supported Preyssler Nanoparticles. <i>Synthetic Communications</i> , 2009, 39, 4109-4116.	2.1	15
111	Regioselective Synthesis of New 2-(E)-Cyano(thiazolidin-2-ylidene)thiazoles. <i>Molecules</i> , 2009, 14, 4849-4857.	3.8	10
112	Synthesis of a new heterocyclic system " Fluoreno[1,2-d]imidazol-10-one. <i>Canadian Journal of Chemistry</i> , 2009, 87, 724-728.	1.1	13
113	SAR comparative studies on pyrimido[4,5-b][1,4] benzothiazine derivatives as 15-lipoxygenase inhibitors, using ab initio calculations. <i>Journal of Molecular Modeling</i> , 2008, 14, 471-478.	1.8	26
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