

Mohammad Bagher Teimouri

List of Publications by Year in descending order

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77
papers

1,289
citations

304743

22
h-index

395702

33
g-index

105
all docs

105
docs citations

105
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot three component condensation reaction in water: an efficient and improved procedure for the synthesis of furo[2,3-d]pyrimidine-2,4(1H,3H)-diones. <i>Tetrahedron Letters</i> , 2002, 43, 9151-9154.	1.4	86
2	A novel pseudo four-component reaction: unexpected formation of densely functionalized pyrroles. <i>Tetrahedron Letters</i> , 2004, 45, 8409-8413.	1.4	63
3	Thermal behaviour kinetic study of dihydroglyoxime and dichloroglyoxime. <i>Materials Letters</i> , 2007, 61, 4670-4673.	2.6	60
4	New and efficient synthesis of dialkyl 2-[1- p -nitrophenyl-2-(alkylamino)-2-oxoethyl]malonates. <i>Tetrahedron</i> , 2001, 57, 1375-1378.	1.9	59
5	Microwave-Assisted Three-Component Condensation on Montmorillonite K10: Solvent-Free Synthesis of Furopyrimidines, Furocoumarins, and Furopyranones. <i>Synthetic Communications</i> , 2005, 35, 535-541.	2.1	45
6	An efficient three-component protocol for the synthesis of novel spiro-oxazinobarbiturates. <i>Tetrahedron</i> , 2009, 65, 8120-8124.	1.9	43
7	Shaken not stirred: A facile synthesis of 1,4-bis(furo[2,3-d]-pyrimidine-2,4(1H,3H)-dione-5-yl)benzenes by one-pot reaction of isocyanides, N,N ^ε -dimethylbarbituric acid, and terephthaldialdehyde. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 3697-3701.	2.2	40
8	A Novel Three-Component Tetrahydrobenzofuran Synthesis. <i>Monatshefte für Chemie</i> , 2004, 135, 441-446.	1.8	36
9	One-pot three-component regioselective synthesis of linear naphtho[2,3-b]-furan-4,9-diones. <i>Tetrahedron</i> , 2007, 63, 10269-10275.	1.9	36
10	Introducing a novel class of four-component reactions. <i>Molecular Diversity</i> , 2000, 6, 199-206.	3.9	35
11	Serendipitous stereoselective synthesis of brand-new fluorescent dyes: (1Z)-3-(alkylimino)-1-[(chromone-3-yl)methylene]-1,3-dihydro-9H-furo[3,4-b]chromen-9-one-type fluorophores with blue fluorescence emission properties. <i>Tetrahedron</i> , 2011, 67, 1837-1843.	1.9	34
12	Simple Synthesis of 7 <i>H</i> -Phenaleno[1,2- <i>b</i>]furan-7-one Derivatives by One-Pot, Three-Component Reactions. <i>ACS Combinatorial Science</i> , 2008, 10, 507-510.	3.3	32
13	Facile synthesis of oxaspirobicyclic butenolides via a domino Michael addition/aldol reaction/ ^β -lactonization sequence. <i>Tetrahedron</i> , 2010, 66, 3795-3800.	1.9	32
14	A Simple and Efficient Procedure for Oxidation of Sulfides to Sulfoxides by Hexamethylenetetramine-Bromine Complex(Hmtab). <i>Synthetic Communications</i> , 2000, 30, 265-271.	2.1	31
15	One-pot Three-component Condensation Reactions in Water. An Efficient and Improved Procedure for the Synthesis of Furan Annulated Heterocycles. <i>Monatshefte für Chemie</i> , 2004, 135, 589-593.	1.8	31
16	One-pot three-component reaction of isocyanides, dialkyl acetylenedicarboxylates and phthalhydrazide: synthesis of highly functionalized 1 <i>H</i> -pyrazolo[1,2- <i>b</i>]phthalazine-5,10-diones. <i>Tetrahedron</i> , 2006, 62, 10849-10853.	1.9	31
17	Pseudo-Five-Component Reaction between 3-Formylchromones, Meldrum's Acid, Isocyanides and Primary Arylamines: Diversity-Oriented Synthesis of Novel Chromone-Containing Peptidomimetics. <i>ACS Combinatorial Science</i> , 2011, 13, 659-666.	3.8	31
18	Reaction between alkyl isocyanides and dialkyl acetylenedicarboxylates in the presence of benzoyl cyanides: one-pot synthesis of highly functionalized iminolactones. <i>Tetrahedron</i> , 2006, 62, 1845-1848.	1.9	30

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19	Reaction between isocyanides and dialkyl acetylenedicarboxylates in the presence of strong CH-acids: one-pot synthesis of highly functionalized annulated 4H-pyrans. <i>Tetrahedron</i> , 2006, 62, 3016-3020.	1.9	30
20	Efficient Hexamethylenetetramine- α -Bromine (HMTAB)-Catalyzed Synthesis of Bis(indolyl)methanes in Water. <i>Synthetic Communications</i> , 2005, 35, 1835-1843.	2.1	24
21	1,4-Diionic organophosphorus compounds. <i>Journal of Fluorine Chemistry</i> , 2000, 103, 155-157.	1.7	22
22	An efficient three-component reaction involving [3 + 1 + 1] furannulation leading to furanonaphthoquinones in water. <i>Monatshefte für Chemie</i> , 2008, 139, 957-961.	1.8	21
23	Novel multicomponent reactions of primary amines and alkyl propiolates with alloxan derivatives in water. <i>Tetrahedron</i> , 2008, 64, 10425-10430.	1.9	21
24	Facile synthesis of 1H-pyrazolo[1,2-a]pyridazine-5,8-dione derivatives by a one-pot, three-component reactions. <i>Tetrahedron</i> , 2010, 66, 259-264.	1.9	19
25	RAFT-mediated emulsion polymerization of vinyl acetate: a challenge towards producing high molecular weight poly(vinyl acetate). <i>Colloid and Polymer Science</i> , 2012, 290, 1247-1255.	2.1	19
26	Urotropine- α -bromine promoted synthesis of functionalized oxaspirotricyclic furopyrimidines via a domino Knoevenagel condensation/Michael addition/ α -bromination/Williamson cycloetherification sequence in water. <i>Tetrahedron</i> , 2013, 69, 6804-6809.	1.9	19
27	The effects of solvent and initiator on anionic ring opening polymerization of ϵ -caprolactone: synthesis and characterization. <i>Polymer International</i> , 2014, 63, 479-485.	3.1	19
28	Microwave-assisted rapid synthesis of furan annulated heterocycles. <i>Journal of Chemical Research</i> , 2003, 2003, 732-733.	1.3	17
29	Furochromone-isatin conjugates via an uncatalyzed diastereoselective [4+1] cycloaddition/tautomerization/Friedel-Crafts hydroxyalkylation domino reaction. <i>Tetrahedron</i> , 2017, 73, 262-271.	1.9	17
30	Non-isothermal kinetic study of the thermal decomposition of N-{bis[benzyl(methyl)amino]phosphoryl}-2,2-dichloroacetamide and N-{bis[dibenzylamino]phosphoryl}-2,2-dichloroacetamide. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009, 98, 463-468.	3.6	16
31	Novel Dispiro Iminodioxolane Derivatives: Synthesis by Reaction of Isocyanides with Ninhydrin. <i>Journal of Chemical Research</i> , 2003, 2003, 578-579.	1.3	15
32	One-pot synthesis of 5-(furo[3,4-b]chromenyl)-5-hydroxybarbiturates via a three-component cascade reaction. <i>Tetrahedron Letters</i> , 2014, 55, 2249-2252.	1.4	13
33	Introduction of a Novel Reaction of Triacetylmethane: One-Pot Synthesis of Dialkyl-2-(3,1-hydroxyethylidene-2,4-pentanedione-3-yl)-3-(triphenylphosphoranylidene)-butanedioate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 833-839.	1.6	12
34	An efficient one-pot method for the synthesis of novel ferrocene- α -triamide conjugates via pseudo five-component reaction. <i>Tetrahedron</i> , 2011, 67, 5928-5934.	1.9	12
35	Synthesis and tautomerization study of pseudonitrosites to 1,2-nitroximes. <i>Canadian Journal of Chemistry</i> , 2008, 86, 248-252.	1.1	11
36	The synthesis of functionalized pyranophenalenones. <i>Monatshefte für Chemie</i> , 2009, 140, 513-517.	1.8	10

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37	An Efficient One-Pot Synthesis of Triamides and Amidodiesteres. <i>Russian Journal of Organic Chemistry</i> , 2004, 40, 976-981.	0.8	9
38	An Efficient Synthesis of Novel Chromone-Containing Furopyrimidines. <i>Journal of Chemical Research</i> , 2011, 35, 500-505.	1.3	9
39	Reaction between alkyl isocyanides and 3-formylchromones in the presence of monocyclic unsaturated acyl compounds: Competition between Friedel-Crafts acylation and Diels-Alder cycloaddition. <i>Tetrahedron</i> , 2018, 74, 1767-1775.	1.9	9
40	Microwave-Assisted Facile Synthesis of Dispiro 4a-Chmino-1,3-Dioxolanes. <i>Synthetic Communications</i> , 2005, 35, 675-682.	2.1	8
41	Composition of the Essential Oils of <i>Pycnocycla aucherana</i> Decne. ex Boiss. var. <i>aucherana</i> and <i>Pycnocycla musiformis</i> Hedge et Lamond from Iran. <i>Journal of Essential Oil Research</i> , 2005, 17, 473-474.	2.7	8
42	Antitumor Activity of 6-(cyclohexylamino)-1,3-dimethyl-5-(2-pyridyl)furo[2,3-d]pyrimidine-2,4(1H,3H)-dione and Its Ti(IV), Zn(II), Fe(III), and Pd(II) Complexes on K562 and Jurkat Cell Lines. <i>Bioinorganic Chemistry and Applications</i> , 2008, 2008, 1-5.	4.1	8
43	Multicomponent Tandem Synthesis of Oxospirobicyclic Butenolidobarbiturates. <i>Journal of Chemical Research</i> , 2010, 34, 310-314.	1.3	8
44	Diastereoselective One-Pot Synthesis of Succinimides Bearing a Chromone Unit. <i>Synlett</i> , 2014, 26, 101-107.	1.8	8
45	Molecular Iodine-Catalysed Tandem Synthesis of Oxospirotricyclic Furopyrimidines in Water. <i>Journal of Chemical Research</i> , 2016, 40, 196-198.	1.3	8
46	Uncatalyzed diastereoselective synthesis of alkyliminofurochromone-derived benzylmalononitriles via a three-component cascade reaction: competition between Diels-Alder cycloaddition and Michael addition. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2517-2525.	2.8	8
47	Synthesis of new stable crystalline zwitterionic products from the reactions of 1-methylimidazole, acetylenic esters and strong cyclic CH-acids. <i>Journal of Chemical Research</i> , 2005, 2005, 50-53.	1.3	7
48	N,N-Dimethylformamide-Promoted Reaction of Isocyanides and Barbituric acids: An Easy Synthesis of 5-[(Alkyl or Arylamino)Methylene]Barbituric Acids. <i>Journal of Chemical Research</i> , 2010, 34, 140-144.	1.3	7
49	Synthesis of a New Series of Furopyranone- and Furocoumarin-Chromone Conjugates Followed by <i>In Vitro</i> Cytotoxicity Activity Evaluation, and Molecular Docking Study. <i>ChemistrySelect</i> , 2019, 4, 3315-3324.	1.5	7
50	An efficient synthesis of pyridazinoindazolones. <i>Journal of Chemical Research</i> , 2009, 2009, 552-554.	1.3	6
51	One-Pot Three-Component Access to Pyranocyclopentendiones. <i>Journal of Chemical Research</i> , 2010, 34, 330-332.	1.3	6
52	A simple and convenient approach to the synthesis of aminofuropyrimidindiones. <i>Journal of Chemical Research</i> , 2011, 35, 37-42.	1.3	4
53	Synthesis of 2-(3-chromonyl)-2-acyloxycarboxamides via multicomponent reactions of isocyanides. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 583-590.	2.2	4
54	Four-component synthesis of alkyl [2-[(cyclohexylamino)carbonyl]-4-oxo-2H-chromen-3(4H)-ylidene]methyl 3,4,5,6-tetrahalophthalates via a domino O-acylation/ \pm -addition cyclization/alcoholysis sequence. <i>Tetrahedron Letters</i> , 2018, 59, 1220-1225.	1.4	4

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55	Reaction between Phosphines and Itaconic Anhydride in the Presence of Water: An Efficient One-Pot Synthesis of 5-Oxo-1,2,5-Oxaphospholanes. <i>Journal of Chemical Research</i> , 2006, 2006, 98-100.	1.3	3
56	One-Pot Synthesis of \pm -Acyloxycarboxamidobarbiturates from Alloxans, Carboxylic Acids, and Isocyanides. <i>Journal of Chemical Research</i> , 2012, 36, 432-436.	1.3	3
57	Water-controlled selectivity switch in a multicomponent reaction: One-pot stereoselective synthesis of (acyloxymethylidene)chromonyl-furochromones and amido-(acyloxymethylidene)chromones. <i>Tetrahedron</i> , 2021, 96, 132374.	1.9	3
58	Biocidal organic-inorganic urethane-siloxane coating by facile polymerization of single component soy-based prepolymer. <i>Surface and Coatings Technology</i> , 2022, 429, 127925.	4.8	3
59	Fabrication of Novel Membranes for Biomedical Applications via Halidation of Poly(Methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Engineering Materials, 2010, 12, B618.	3.5	2
60	Synthesis of Spiro Oxazolidinedione Analogues Based on Tandem Multicyclizations of 1,3-Dimethylalloxan and Enaminones in Water. <i>Synlett</i> , 2021, 32, 621-625.	1.8	2
61	Combining cycloaddition reactions for the one-pot synthesis of novel xanthoquinone dyes. <i>Dyes and Pigments</i> , 2022, 199, 110106.	3.7	2
62	Microwave-Assisted Three-Component Condensation on Montmorillonite K10: Solvent-Free Synthesis of Furopyrimidines (IV), Furocoumarins (VI), and Furopyranones (VIII).. <i>ChemInform</i> , 2005, 36, no.	0.0	1
63	Condition-controlled selective synthesis of hydroxyl(indolyl)- and bis(indolyl)barbiturates. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1243-1251.	2.2	1
64	A One-Pot Synthesis of 5-(1,3-Dimethyl-2,6-Dioxo-5-[[$(1 \rightarrow E$)-Arylmethylene]Amino]-1,2,3,6-Tetrahydropyrimidin-4-yl)-1,3,7,9-Tetramethyl-5,10-Dihydropyrimidin-2(1H)-one via a Pseudo Four-Component Domino Reaction. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1369-1382.	3.6	1
65	Substrate-controlled selectivity switch in a three-component reaction: sequential synthesis of spiro-oxazolidinedione-cyclopentenones and hydroxy enamino-barbiturates in water. <i>RSC Advances</i> , 2020, 10, 13601-13610.	3.6	1
66	One-pot three-component synthesis of a new series of tetrahydrobenzofuran-chromone conjugates. <i>Synthetic Communications</i> , 0, , 1-8.	2.1	1
67	The Reaction of Alkyl Isocyanides and Dialkylacetylene Dicarboxylates with Phthalic Anhydride Derivatives: A Novel Synthesis of β -Spiroiminolactones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
68	The Reaction of Alkyl Isocyanides and Benzylidene Meldrum's Acid Derivatives in the Presence of Water: A One-Pot Synthesis of 4-(Alkylamino)-3-aryl-4-oxobutanoic Acids.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
69	One-Pot Three-Component Condensation Reaction in Water: An Efficient and Improved Procedure for the Synthesis of Furo[2,3-d]pyrimidine-2,4(1H,3H)-diones.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
70	Novel Dispiro Iminodioxolane Derivatives: Synthesis by Reaction of Isocyanides with Ninhydrin.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
71	Microwave-Assisted Rapid Synthesis of Furan Annulated Heterocycles.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
72	Introducing a Novel Class of Four-Component Reactions.. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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73	A Novel Pseudo Four-Component Reaction: Unexpected Formation of Densely Functionalized Pyrroles.. ChemInform, 2005, 36, no.	0.0	0
74	Synthesis of New Stable Crystalline Zwitterionic Products from the Reactions of 1-Methylimidazole, Acetylenic Esters and Strong Cyclic CH-Acids.. ChemInform, 2005, 36, no.	0.0	0
75	Efficient Hexamethylenetetramine-Bromine (HMTAB)-Catalyzed Synthesis of Bis(indolyl)methanes in Water.. ChemInform, 2005, 36, no.	0.0	0
76	Microwave-Assisted Facile Synthesis of Dispiro 4-Imino-1,3-dioxolanes.. ChemInform, 2005, 36, no.	0.0	0
77	Diastereoselective One-Pot Synthesis of Coumarin-4-carboxamido-esters via a Four-Component Isocyanide-Based Reaction and Molecular Docking Study. ChemistrySelect, 2018, 3, 8912-8918.	1.5	0