

Ali Asghar Mohammadi

List of Publications by Year in descending order

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85
papers

1,807
citations

361413

20
h-index

302126

39
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102
all docs

102
docs citations

102
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrosynthesis of benzothiazole derivatives via C-H thiolation. <i>Heterocyclic Communications</i> , 2022, 28, 67-74.	1.2	8
2	Synthesis of the new tri-amide derivatives as novel β -glucosidase inhibitors by Ugi four-component reaction. <i>Journal of Molecular Structure</i> , 2021, 1227, 129531.	3.6	5
3	Electro-organic synthesis of tetrahydroimidazo[1,2-a]pyridin-5(1H)-one via a multicomponent reaction. <i>Molecular Diversity</i> , 2021, 25, 509-516.	3.9	4
4	Green pseudo-multicomponent synthesis of some new spirocyclopropane derivatives via electro-catalyzed reaction. <i>Molecular Diversity</i> , 2020, 24, 763-770.	3.9	14
5	A straightforward approach for the synthesis of novel fused thiopyrano [2, 3-b] indole derivatives from the Intramolecular Friedel-Crafts acylation. <i>Journal of Molecular Structure</i> , 2020, 1208, 127854.	3.6	4
6	Synthesis and molecular docking studies of some new tetra-amide derivatives as new inhibitors of Maltase-Glucoamylase. <i>Journal of Molecular Structure</i> , 2019, 1180, 556-563.	3.6	4
7	An Efficient One-Pot Three-Component Synthesis of Some New 3-(Benzo[<i>d</i>]thiazol-2-yl)alkyl-4(3 <i>H</i>)quinazolinones Using Silica Sulfuric Acid as a Heterogeneous Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2647-2651.	2.6	3
8	Synthesis of some new triamide derivatives via Ugi five-component reaction in aqueous solution. <i>Molecular Diversity</i> , 2018, 22, 999-1006.	3.9	6
9	An Efficient Synthesis for Some New Heterocyclic Compound-fused Oxindole Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 789-793.	2.6	7
10	One-Pot Pseudo Five-Component Synthesis of Some New bis(Quinazolinon-4(1 <i>H</i>)-one) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 484-488.	2.6	9
11	Design, synthesis and antibacterial evaluation of 2-alkyl- and 2-aryl-3-(phenylamino)quinazolin-4(3 <i>H</i>)-one derivatives. <i>Heterocyclic Communications</i> , 2017, 23, 105-108.	1.2	15
12	Diastereoselective synthesis and molecular docking studies of novel fused tetrahydropyridine derivatives as new inhibitors of HIV protease. <i>Journal of Molecular Structure</i> , 2017, 1139, 166-174.	3.6	13
13	An Efficient One-Pot Four-Component Synthesis of Some New Spirooxindole Dihydropyridine Using Alum as a Heterogeneous Green Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2085-2089.	2.6	14
14	One-Pot Syntheses of Some New 2,4(1 <i>H</i> , 3 <i>H</i>)-quinazolin-6(5 <i>H</i>)-one Derivatives in the Absence of Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2075-2078.	2.6	11
15	Synthesis of tetrahydrobenzo[<i>b</i>]pyran under catalysis of $\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ (Alum). <i>Arabian Journal of Chemistry</i> , 2017, 10, S2213-S2216.	4.9	48
16	Synthesis of Novel 1 <i>H</i> -imidazol[1,2- <i>a</i>]indeno[2,1- <i>e</i>]pyridine-6(5 <i>H</i>)-ones Derivatives via a One-Pot Four-Component Condensation Reaction. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 805-808.	2.6	11
17	Ultrasound-mediated efficient synthesis of dihydrothiopyrano[2,3- <i>b</i>]indole-3-carbonitrile derivatives. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1301-1306.	2.2	5
18	$\text{KAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$ (Alum): An Efficient Catalyst for the Synthesis of Novel bis[spiro(quinazoline-oxindole)] Derivatives Via One-Pot Pseudo Five-Component Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1871-1875.	2.6	13

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19	One-pot five-component reaction for synthesis of some novel bis-dihydroquinazolinone derivatives. <i>Arkivoc</i> , 2014, 2014, 310-318.	0.5	11
20	Design, Synthesis, and Antibacterial Evaluation of Some Novel 3-(Phenylamino)-1H-spiro[indoline-3,2-quinazoline]-2,4-dione Derivatives. <i>Synthetic Communications</i> , 2014, 44, 457-467.	1.4	18
21	Synthesis and <i>In Vitro</i> Antibacterial Activities of Novel 2-Aryl-3-(phenylamino)-1,4-dihydroquinazolin-4(1H)-one Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 1129-1133.	2.6	17
22	Electro-Organic Synthesis of Nanosized Particles of 2-Amino-pyranes. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 2200-2204.	3.7	15
23	Electro-organic synthesis of nanosized particles of 3-hydroxy-3-(1H-indol-3-yl)indolin-2-one derivatives. <i>Monatshefte für Chemie</i> , 2012, 143, 1157-1160.	1.8	15
24	FeNH ₄ (SO ₄) ₂ ·12H ₂ O (alum)-catalyzed preparation of 1,4-dihydropyridines: improved conditions for the Hantzsch reaction. <i>Monatshefte für Chemie</i> , 2012, 143, 931-933.	1.8	6
25	One-Pot, Three-Component Synthesis of <i>Cis</i> -Isoquinolonic Acids Using ZnCl ₂ , AlCl ₃ -SiO ₂ as Catalyst. <i>Synthetic Communications</i> , 2011, 41, 523-527.	2.1	12
26	KAl(SO ₄) ₂ ·12H ₂ O (Alum) Catalyzed One-Pot Three-Component Synthesis of 2-Alkyl and 2-Aryl-4(3H)-quinazolinone under Microwave Irradiation and Solvent Free Conditions. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1982-1984.	4.9	20
27	A Novel and Expedient Synthesis of 7-Pyrimidinylpyrimido[4,5-d]pyrimidinones. <i>Helvetica Chimica Acta</i> , 2010, 93, 153-157.	1.6	4
28	An efficient and convenient protocol for the synthesis of novel 1H-spiro[indoline-1,2-quinazoline]-3,4-dione derivatives. <i>Monatshefte für Chemie</i> , 2009, 140, 401-404.	1.4	19
29	Electrochemical production of novel products from 2,3-dimethylhydroquinone in the presence of some 1,2-diketones. <i>Monatshefte für Chemie</i> , 2009, 140, 645-649.	1.8	0
30	A regioselective three-component reaction for synthesis of novel 1H-spiro[indoline-1,2-quinazoline]-3,4-dione derivatives. <i>Tetrahedron</i> , 2009, 65, 3804-3808.	1.9	82
31	An Efficient Synthesis of New 3,4-Dihydropyrimidin-2(1H)-ones Incorporating a Phenyl Moiety at C-5 and C-6 Catalyzed by TMSCl and Co(OAc) ₂ ·4H ₂ O. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 1796-1804.	1.6	18
32	Multicomponent One-Pot Reactions: Synthesis of Some New 6-Oxopyrano [2,3-c]Isochromenes by Condensation of Homophthalic Anhydride, Dialkyl acetylenedicarboxylate, and Isocyanides. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009, 12, 536-542.	1.1	13
33	Caro's Acid-Silica Gel Catalyzed Synthesis of 2-Aryl-1H-Benzimidazoles and 2-Aryl-1-arylmethyl-1H-benzimidazoles. <i>Heterocycles</i> , 2009, 78, 2337.	0.7	9
34	A multi-component electro-organic synthesis of 2-amino-4H-chromenes. <i>Tetrahedron Letters</i> , 2008, 49, 7194-7196.	1.4	89
35	KAl(SO ₄) ₂ ·12H ₂ O (alum) a reusable catalyst for the synthesis of some 4-substituted coumarins via Pechmann reaction under solvent-free conditions. <i>Monatshefte für Chemie</i> , 2008, 139, 805-808.	1.8	29
36	Potassium aluminum sulfate (alum): an efficient catalyst for the one-pot synthesis of trisubstituted imidazoles. <i>Monatshefte für Chemie</i> , 2008, 139, 935-937.	1.8	54

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37	Reactions of 6-aminouracils – A novel and highly efficient procedure for preparation of some new spiro pyridodipyrimidines under classical or microwave-assisted solvent-free conditions. <i>Canadian Journal of Chemistry</i> , 2008, 86, 925-929.	1.1	15
38	Green Protocol for the Friedländer Synthesis: $KAl(SO_4)_2 \cdot 12H_2O$ - SiO_2 (Alum- SiO_2), a Highly Efficient Catalyst in the Synthesis of Quinolines. <i>Heterocycles</i> , 2008, 75, 947.	0.7	17
39	$KAl(SO_4)_2 \cdot 12H_2O$ Supported on Silica gel Catalyzed Coupling of 4-Hydroxyproline with Isatins, 11H-Indeno[1,2-b]quinoxalin-11-ones, Quinones and 9H-Fluoren-9-one: An Efficient Synthesis of Some Interesting Pyrroles. <i>Letters in Organic Chemistry</i> , 2008, 5, 566-568.	0.5	3
40	A novel one-pot procedure for preparation of some new condensed pyrido[2,3-d]pyrimidine(1H,3H)-2,4-diones. <i>Heteroatom Chemistry</i> , 2007, 18, 16-18.	0.7	8
41	Biginelli-like three component reaction: Synthesis of some new ethyl 6-ethoxycarbonylmethyl-2,3,4-tetrahydropyrimidine-5-carboxylate derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 455-458.		16
42	Microwave-assisted one-pot synthesis of some dicyano- methylene derivatives of indenoquinoxaline and tryptanthrin under solvent free conditions. <i>Arkivoc</i> , 2007, 2007, 24-30.	0.5	13
43	Reactions of 6-Aminouracils: The First Simple, Fast, and Highly Efficient Synthesis of bis(6-Aminopyrimidonyl)methanes (BAPMs) Using Thermal or Microwave-Assisted Solvent-Free Methods. <i>Synthetic Communications</i> , 2006, 36, 3631-3638.	2.1	22
44	Silica sulfuric acid a novel and heterogeneous catalyst for the synthesis of some new oxindole derivatives. <i>Catalysis Communications</i> , 2006, 7, 752-755.	3.3	80
45	Solvent-free synthesis of tetrasubstituted imidazoles on silica gel/ $NaHSO_4$ support. <i>Catalysis Communications</i> , 2006, 7, 728-732.	3.3	143
46	A Rapid and Highly Efficient One-Pot Methodology for Preparation of Alkyl Oxindolideneacetates. <i>Letters in Organic Chemistry</i> , 2006, 3, 56-57.	0.5	11
47	$KAl(SO_4)_2 \cdot 12H_2O$ supported on silica gel as a novel heterogeneous system catalyzed biginelli reaction. <i>Applied Catalysis A: General</i> , 2006, 300, 85-88.	4.3	93
48	Three-Component Synthesis of Ninhydrin Derived β -Acylloxycarboxamides. <i>Monatshefte für Chemie</i> , 2006, 137, 1079-1082.	1.8	7
49	Highly functionalized dihydrofuran derivatives: Synthesis by diastereoselective intramolecular Wittig reaction. <i>Heteroatom Chemistry</i> , 2006, 17, 277-279.	0.7	13
50	A stereoselective three-component reaction: One-pot synthesis of <i>cis</i> -isoquinolonic acids catalyzed by silica sulfuric acid under mild and heterogeneous conditions. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 187-190.	2.6	23
51	A synthetic route to 11-(1H-pyrrol-1-yl)-11H-indeno[1,2-b]quinoxaline derivatives exploiting a three-component coupling strategy under microwave irradiation. <i>Tetrahedron Letters</i> , 2005, 46, 6155-6157.	1.4	26
52	Efficient synthesis of mono- and disubstituted 2,3-dihydroquinazolin-4(1H)-ones using $KAl(SO_4)_2 \cdot 12H_2O$ as a reusable catalyst in water and ethanol. <i>Tetrahedron Letters</i> , 2005, 46, 6123-6126.	1.4	188
53	A modified and green methodology for preparation of polysubstituted furans. <i>Heteroatom Chemistry</i> , 2005, 16, 259-262.	0.7	15
54	One-pot three components synthesis of alkyl indeno [1,2-b]-quinoxalin-11-ylideneacetates in water and under solvent-free conditions. <i>Heteroatom Chemistry</i> , 2005, 16, 549-552.	0.7	13

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55	KAl(SO ₄) ₂ ·12H ₂ O: An Efficient Catalyst for the Stereoselective Synthesis of cis-Isoquinolonic Acids.. ChemInform, 2005, 36, no-no.	0.0	0
56	A Novel Four-Component Reaction for the Diastereoselective Synthesis of Some New Spiro Pyrrolizidines via 1,3-Dipolar Cycloaddition of Azomethine Ylides.. ChemInform, 2005, 36, no.	0.0	0
57	Three Component Synthesis of Some ?-Spiroiminolactones under Microwave-Assisted Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.0	0
58	One-Pot Synthesis of Alkyl Indeno[1,2-b]quinoxalin-11-ylideneacetates under Solvent-Free Conditions.. ChemInform, 2005, 36, no.	0.0	0
59	A Stereoselective Three-Component Reaction: KAl(SO ₄) ₂ ·12H ₂ O, an Efficient and Reusable Catalyst for the One-Pot Synthesis of cis-Isoquinolonic Acids.. ChemInform, 2005, 36, no.	0.0	0
60	A Novel One-Pot Synthesis of Some New Interesting Pyrrole Derivatives.. ChemInform, 2005, 36, no.	0.0	0
61	One-Pot Synthesis of Mono- and Disubstituted (3H)-Quinazolin-4-ones in Dry Media under Microwave Irradiation.. ChemInform, 2005, 36, no.	0.0	0
62	A Modified and Green Methodology for Preparation of Polysubstituted Furans.. ChemInform, 2005, 36, no.	0.0	0
63	Silica Sulfuric Acid-Catalyzed Reaction of 4-Hydroxyproline with 11H-Indeno[1,2-b]quinoxalin-11-one and Isatin Derivatives: A Novel Synthesis of New Pyrrole Compounds.. ChemInform, 2005, 36, no.	0.0	0
64	Efficient Synthesis of Mono- and Disubstituted 2,3-Dihydroquinazolin-4(1H)-ones Using KAl(SO ₄) ₂ ·12H ₂ O as a Reusable Catalyst in Water and Ethanol.. ChemInform, 2005, 36, no.	0.0	0
65	A Synthetic Route to 11-(1H-Pyrrol-1-yl)-11H-indeno[1,2-b]quinoxaline Derivatives Exploiting a Three-Component Coupling Strategy under Microwave Irradiation.. ChemInform, 2005, 36, no.	0.0	0
66	One-Pot Synthesis of Alkyl Indeno[1,2-b]quinoxalin-11-ylideneacetates under Solvent-free Conditions. Heterocycles, 2005, 65, 143.	0.7	6
67	Silica Sulfuric Acid-Catalyzed Reaction of 4-Hydroxy Proline with 11H-Indeno[1,2-b]quinoxalin-11-one and Isatin Derivatives: A Novel Synthesis of New Pyrrole Compounds. Synthesis, 2005, 2005, 1095-1098.	2.3	21
68	A Stereoselective Three-Component Reaction: KAl(SO ₄) ₂ ·12H ₂ O, an Efficient and Reusable Catalyst for the One-Pot Synthesis of cis-Isoquinolonic Acids. Journal of Organic Chemistry, 2005, 70, 350-352.	3.2	96
69	One-Pot Synthesis of Mono- and Disubstituted (3H)-Quinazolin-4-ones in Dry Media Under Microwave Irradiation. Synthetic Communications, 2005, 35, 279-287.	2.1	54
70	A Novel One-Pot Synthesis of Some New Interesting Pyrrole Derivatives. Journal of Organic Chemistry, 2005, 70, 1471-1473.	3.2	80
71	Montmorillonite K-10 catalysed solvent-free synthesis of 2,3-disubstituted-4(3H)quinazolinones under microwave irradiation. Journal of Chemical Research, 2004, 2004, 570-572.	1.3	14
72	A Simple and Efficient Synthesis of New 6-Arylimino-6H-indolo[2,1-b]quinazolin-12-ones under Microwave Irradiation. Heterocycles, 2004, 63, 791.	0.7	12

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73	Synthesis of some new 6-substituted quinazolino[4,3-b]quinazolin-8-ones under solvent-free conditions. <i>Journal of Chemical Research</i> , 2004, 2004, 435-437.	1.3	9
74	Synthesis of Some Novel β -Spirolactones. <i>Monatshefte für Chemie</i> , 2004, 135, 729-733.	1.8	16
75	A Simple and Efficient Synthesis of new 6-Arylimino-6H-indolo[2,1-b]quinazolin-12-ones under Microwave Irradiation.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
76	Synthesis of Some Novel β -Spirolactones.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
77	Microwave-assisted One-Pot Three Component Synthesis of Some New 4(3H)-Quinazolinone Derivatives. <i>Heterocycles</i> , 2004, 63, 1417.	0.7	26
78	Three Component Synthesis of Some β -Spiroiminolactones under Microwave- assisted Solvent-free Conditions. <i>Heterocycles</i> , 2004, 63, 2225.	0.7	10
79	KAl(SO ₄) ₂ ·12H ₂ O: An Efficient Catalyst for the Stereoselective Synthesis of cis- Isoquinolonic Acids. <i>Heterocycles</i> , 2004, 63, 2013.	0.7	11
80	An Efficient One-Pot Procedure for Preparation of 2,4(1H,3H)-Quinazolinones and 2-Thioxoquinazolinone Derivatives Under Microwave Irradiation. <i>Synthetic Communications</i> , 2003, 33, 415-420.	2.1	42
81	Synthesis of Some Novel β -Spiroiminolactones from Reaction of Cyclohexyl Isocyanide and Dialkyl Acetylene Dicarboxylates with 1-Benzylisatin and Tryptanthrine.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
82	An Efficient One-Pot Procedure for Preparation of 2,4(1H,3H)-Quinazolinones and 2-Thioxoquinazolinone Derivatives under Microwave Irradiation.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
83	Synthesis of Some Novel β -Spiroiminolactones from Reaction of Cyclohexyl Isocyanide and Dialkyl Acetylene Dicarboxylates with 1-Benzylisatin and Tryptanthrine. <i>Synthetic Communications</i> , 2003, 33, 387-391.	2.1	13
84	MICROWAVE IRRADIATION PROMOTED REACTIONS OF ANTHRANILIC ACID WITH KETONES. PREPARATION OF SUBSTITUTED ACRIDINONES AND QUINOLINONES. <i>Synthetic Communications</i> , 2001, 31, 3647-3652.	2.1	10
85	A novel one-pot, four component synthesis of some densely functionalized pyrroles. <i>Molecular Diversity</i> , 2000, 6, 223-226.	3.9	30