

Manouchehr Mamaghani

List of Publications by Year in descending order

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110
papers

1,826
citations

257450

24
h-index

361022

35
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116
all docs

116
docs citations

116
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	A convenient ultrasound-promoted regioselective synthesis of fused polycyclic 4-aryl-3-methyl-4,7-dihydro-1H-pyrazolo[3,4-b]pyridines. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 301-305.	8.2	66
2	A Review on the Recent Multicomponent Synthesis of Pyranopyrazoles. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 223-291.	2.6	64
3	An efficient one-pot synthesis of new 2-imino-1,3-thiazolidin-4-ones under ultrasonic conditions. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 45-48.	8.2	61
4	Synthesis of biscoumarin derivatives by the reaction of aldehydes and 4-hydroxycoumarin using ruthenium (III) chloride hydrate as a versatile homogeneous catalyst. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 407-413.	0.8	61
5	Sulfonated rice husk ash (RHA-SO ₃ H) as a highly efficient and reusable catalyst for the synthesis of some bis-heterocyclic compounds. <i>RSC Advances</i> , 2013, 3, 24046.	3.6	59
6	Ru(II) complexes bearing tertiary phosphine ligands: a novel and efficient homogeneous catalyst for one-pot synthesis of dihydropyrano[3,2- <i>c</i>]chromene and tetrahydrobenzo[<i>b</i>]pyran derivatives. <i>Applied Organometallic Chemistry</i> , 2012, 26, 56-61.	3.5	58
7	An Efficient One-Pot Three-Component Synthesis of Fused 1,4-Dihydropyridines Using HY-Zeolit. <i>Molecules</i> , 2009, 14, 1468-1474.	3.8	57
8	An expeditious regioselective synthesis of novel bioactive indole-substituted chromene derivatives via one-pot three-component reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5956-5960.	2.2	54
9	One-pot synthesis of novel pyrido[2,3- <i>d</i>]pyrimidines using HAp-encapsulated- ⁵⁶ Fe ₂ O ₃ supported sulfonic acid nanocatalyst under solvent-free conditions. <i>Chinese Chemical Letters</i> , 2014, 25, 1387-1391.	9.0	49
10	Sulfonic acid-functionalized ordered nanoporous Na ⁺ -montmorillonite (SANM): A novel, efficient and recyclable catalyst for the chemoselective N-Boc protection of amines in solventless media. <i>Catalysis Communications</i> , 2011, 12, 1088-1094.	3.3	47
11	An efficient ultrasound-promoted synthesis of the Baylis-Hillman adducts catalyzed by imidazole and l-proline. <i>Ultrasonics Sonochemistry</i> , 2009, 16, 445-447.	8.2	40
12	Efficient Ru(III)-catalyzed condensation of indoles and aldehydes or ketones. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1541-1545.	1.1	36
13	Brønsted acidic ionic liquid supported on rice husk ash (RHA-[pmim]HSO ₄): A highly efficient and reusable catalyst for the synthesis of 1-(benzothiazolylamino)phenylmethyl-2-naphthols. <i>Comptes Rendus Chimie</i> , 2015, 18, 573-580.	0.5	35
14	An efficient synthesis of 5-substituted 2-benzoyloxazolines by regio- and stereo-controlled reaction of <i>N</i> -substituted 2-benzoylaziridines under microwave irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1765-1770.	2.6	34
15	A mild and efficient method for the chemoselective trimethylsilylation of alcohols and phenols and deprotection of silyl ethers using sulfonic acid-functionalized ordered nanoporous Na ⁺ -montmorillonite. <i>Applied Clay Science</i> , 2012, 58, 67-72.	5.2	33
16	An expedient one-pot synthesis of highly substituted imidazoles using supported ionic liquid-like phase (SILLP) as a green and efficient catalyst and evaluation of their anti-microbial activity. <i>Chinese Chemical Letters</i> , 2013, 24, 993-996.	9.0	32
17	A green, efficient and recyclable Fe ³⁺ @K10 catalyst for the synthesis of bioactive pyrazolo[3,4- <i>b</i>]pyridin-6(7H)-ones under "on water" conditions. <i>Journal of Molecular Structure</i> , 2013, 1051, 169-176.	3.6	32
18	An efficient and eco-friendly synthesis and evaluation of antibacterial activity of pyrano[2,3- <i>c</i>]pyrazole derivatives. <i>Medicinal Chemistry Research</i> , 2015, 24, 1916-1926.	2.4	31

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19	One-pot synthesis of tetrahydrobenzo[<i>a</i>]xanthen-11-one derivatives catalyzed by ruthenium chloride hydrate as a homogeneous catalyst. <i>Canadian Journal of Chemistry</i> , 2011, 89, 623-627.	1.1	30
20	Recent Developments in the MCRs Synthesis of Pyridopyrimidines and Spiro-Pyridopyrimidines. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1700-1722.	2.6	30
21	A Facile Green Synthesis of Chromene Derivatives as Antioxidant and Antibacterial Agents Through a Modified Natural Soil. <i>ChemistrySelect</i> , 2019, 4, 4920-4932.	1.5	30
22	An Efficient and Clean Synthesis of Symmetrical and Unsymmetrical 3,3-Di(indolyl)Indolin-2-ones Using KSF. <i>Synthetic Communications</i> , 2010, 40, 3552-3560.	2.1	28
23	Convenient Ultrasound-Promoted Regioselective Synthesis of Fused 6-Amino-3-methyl-4-aryl-1H-pyrazolo[3,4-b]pyridine-5-carbonitrile. <i>Synthetic Communications</i> , 2011, 41, 2323-2330.	2.1	27
24	A Convenient One-Pot Three Component Approach to Synthesis of Highly Substituted Iminothiazolines. <i>Heterocycles</i> , 2008, 75, 2825.	0.7	26
25	KSF: an efficient catalyst for the regioselective synthesis of 1,5-diaryl pyrazoles using Baylis-Hillman adducts. <i>Molecular Diversity</i> , 2009, 13, 389-393.	3.9	26
26	Recent Advances in the MCRs Synthesis of Chromenes: A Review. <i>Current Organic Chemistry</i> , 2018, 22, 1704-1769.	1.6	26
27	Brønsted acidic ionic liquid supported on rice husk ash (RHA- $[pmim]HSO_4$): a highly efficient and reusable catalyst for the formylation of amines and alcohols. <i>RSC Advances</i> , 2014, 4, 50631-50638.	3.6	23
28	Nanoporous Na ⁺ -montmorillonite perchloric acid as an efficient heterogeneous catalyst for synthesis of merocyanine dyes based on isoxazolone and barbituric acid. <i>Microporous and Mesoporous Materials</i> , 2018, 262, 269-282.	4.4	23
29	An efficient regioselective sonochemical synthesis of novel 4-aryl-3-methyl-4,5-dihydro-1H-pyrazolo[3,4-b]pyridin-6(7H)-ones. <i>Chinese Chemical Letters</i> , 2012, 23, 399-402.	9.0	22
30	Rapid and Efficient Synthesis of 1,4-Dihydropyridines using a Sulfonic Acid-functionalized Ionic Liquid. <i>Organic Preparations and Procedures International</i> , 2014, 46, 152-163.	1.3	22
31	One-pot chemoselective synthesis of novel pyrrole-substituted pyrido[2,3-d]pyrimidines using $[^3-Fe_2O_3@HAp-SO_3H]$ as an efficient nanocatalyst. <i>Journal of Molecular Structure</i> , 2018, 1155, 520-529.	3.6	21
32	One-pot easy conversion of Baylis-Hillman adducts into carbamates of unsaturated β -amino acids. <i>Tetrahedron Letters</i> , 2004, 45, 1547-1550.	1.4	20
33	One-pot facile conversion of Baylis-Hillman adducts into 1,5-diarylpyrazoles using microwave irradiation. <i>Journal of the Iranian Chemical Society</i> , 2006, 3, 89-92.	2.2	19
34	One-pot synthesis of novel pyrimido[4,5-b]quinolines and pyrido[2,3-d:6,5-d']dipyrimidines using encapsulated- $^3-Fe_2O_3$ nanoparticles. <i>Journal of Chemical Sciences</i> , 2015, 127, 1895-1904.	1.5	18
35	An efficient method for the synthesis of formamidine and formamide derivatives promoted by sulfonated rice husk ash (RHA-SO ₃ H). <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 433-439.	2.2	18
36	An expeditious one-pot synthesis of novel bioactive indole-substituted pyrido[2,3-d]pyrimidines using $Fe_3O_4@SiO_2$ -supported ionic liquid nanocatalyst. <i>Monatshefte für Chemie</i> , 2018, 149, 1437-1446.	1.8	18

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37	A rapid one-pot synthesis of pyrido[2,3-d]pyrimidine derivatives using Brønsted-acidic ionic liquid as catalyst. <i>Acta Chimica Slovenica</i> , 2013, 60, 889-95.	0.6	18
38	A Convenient One-Pot Three-Component Approach for Regioselective Synthesis of Novel Substituted Pyrazolo[1,5-a]pyrimidines Using Fe ⁺³ -Montmorillonite as Efficient Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 363-367.	2.6	15
39	Introduction of a new bis-derivative of succinimide (Bis-Su) as a sustainable and efficient basic organo-catalyst for the synthesis of arylidene malononitrile and tetrahydrobenzo[b]pyran derivatives under green conditions. <i>Research on Chemical Intermediates</i> , 2020, 46, 4971-4984.	2.7	14
40	Facile and regioselective synthesis of thiazolidin-4-one derivatives catalyzed by basic ionic liquid [bmim]OH under ultrasonic irradiation. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 1-6.	2.0	13
41	1,2-Dimethyl- N -butanesulfonic acid imidazolium hydrogen sulfate as efficient ionic liquid catalyst in the synthesis of indeno fused pyrido[2,3- d]pyrimidines. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 570-576.	5.2	13
42	A green and practical method for the synthesis of novel pyrano[2,3-c]pyrazoles and bis-pyrano[2,3-c]pyrazoles using sulfonic acid-functionalized ionic liquid. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 11-16.	2.2	13
43	Chemodivergent, multicomponent-tandem facile synthesis of novel 1H-pyrazolo[1,2-b]phthalazine-5,10-dione using acetic acid functionalized imidazolium salt {[cmdmim]} ⁺ as a recyclable catalyst. <i>New Journal of Chemistry</i> , 2019, 43, 8266-8278.	2.8	13
44	Tetramethylguanidine-functionalized melamine as a multifunctional organocatalyst for the expeditious synthesis of 1,2,4-triazoloquinazolinones. <i>Scientific Reports</i> , 2021, 11, 14457.	3.3	13
45	Diastereoselective Ruthenium-Catalyzed Michael Addition of Indoles to Hormone Steroids: An Efficient Route to New Indole Derivatives. <i>Synthetic Communications</i> , 2010, 40, 1677-1684.	2.1	12
46	Facile and Efficient Method for the Synthesis of 14-Substituted-14-H-dibenzo[a,j]xanthenes Catalyzed by Ruthenium Chloride Hydrate as a Homogeneous Catalyst. <i>Synthetic Communications</i> , 2011, 41, 1427-1434.	2.1	12
47	Ultrasound Promoted One-Pot Three-Component Synthesis of Novel 7-Aryl-8-H-Benzo[h]Indeno[1,2-b]Quinolin-8-Ones Under Solvent-Free Conditions. <i>Journal of Chemical Research</i> , 2012, 36, 235-237.	1.3	12
48	Ruthenium anchored on multi-walled carbon nanotubes: an efficient and reusable catalyst for the synthesis of xanthenes. <i>Research on Chemical Intermediates</i> , 2016, 42, 5049-5067.	2.7	12
49	Copper-incorporated fluorapatite encapsulated iron oxide nanocatalyst for synthesis of benzimidazoles. <i>Journal of Nanostructure in Chemistry</i> , 2017, 7, 359-366.	9.1	12
50	Tetramethylguanidine-functionalized nanosize γ -Al ₂ O ₃ as a novel and efficient catalyst for the four-component synthesis of pyrazolopyranopyrimidine derivatives. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1419-1431.	2.2	12
51	One-pot easy conversion of Baylis-Hillman adducts into arylpyrazoles under ultrasound irradiation. <i>Arkivoc</i> , 2009, 2009, 168-173.	0.5	12
52	Use of nanoporous Na ⁺ -montmorillonite sulfonic acid (SANM) as an eco-benign, efficient and reusable solid acid catalyst for the one-pot synthesis of 14-aryl-14-H-dibenzo[a,j]xanthenes and 1,8-dioxo-dodecahydroxanthene derivatives. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 415-420.	2.2	11
53	Regioselective Synthesis and Antibacterial Evaluation of a New Class of Substituted Pyrazolo[3,4-b]Pyridines. <i>Journal of Chemical Research</i> , 2013, 37, 494-498.	1.3	11
54	Copper-Exchanged Magnetic-FAp: Surface Catalysis in Decarboxylative Coupling of α -Oxocarboxylic Acids with Formamides. <i>ChemistrySelect</i> , 2017, 2, 8650-8657.	1.5	11

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55	Molybdenum anchored onto zeolite beta: an efficient catalyst for the one-pot synthesis of octahydroquinazolinone derivatives under solvent-free conditions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 124, 857-871.	1.7	11
56	HAp-encapsulated Fe_2O_3 -supported dual acidic heterogeneous catalyst for highly efficient one-pot synthesis of benzoxanthenones and 3-pyranylindoles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4072.	3.5	11
57	An efficient synthesis of New chiral oxazolines. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 972-977.	2.2	10
58	Sulfonic acid functionalized ordered nanoporous Na^+ montmorillonite as an efficient and recyclable catalyst for the chemoselective methoxymethylation of alcohols. <i>Journal of Nanostructure in Chemistry</i> , 2012, 3, 1.	9.1	10
59	An Expedient Synthesis of Novel Derivatives of Pyrido[2,3-d]pyrimidines Using Magnetically Supported ZrO_2 Nanocatalyst. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 410-416.	1.4	10
60	Photochromic Properties of Novel One-pot Multicomponent Synthesized Tetraarylimidazoles. <i>ChemistrySelect</i> , 2019, 4, 8470-8476.	1.5	10
61	Structural design and physicochemical specifications exploring of the new di-cationic ionic liquids (D-ILs) composed of para-xylyl linked N-Methylimidazolium cation and various anions: a full M06-2X computational study. <i>Theoretical Chemistry Accounts</i> , 2022, 141, 1.	1.4	10
62	An efficient enzymatic method for the separation of stereoisomeric cis and trans-glycidic esters synthesised via Darzen's condensation reactions. <i>Tetrahedron Letters</i> , 2003, 44, 4775-4777.	1.4	9
63	Asymmetric Induction in Darzens Condensation by Means of (R)-5,5-Dimethyl-4-Phenyloxazolidin-2-One as an Effective Chiral Auxiliary. <i>Letters in Organic Chemistry</i> , 2007, 4, 228-231.	0.5	9
64	Sulfonic acid-functionalized ordered nanoporous Na^+ -montmorillonite as an efficient, eco-benign, and water-tolerant nanoreactor for chemoselective oxathioacetalization of aldehydes. <i>International Nano Letters</i> , 2013, 3, 1.	5.0	9
65	Facile synthesis of benzimidazole, benzoxazole, and benzothiazole derivatives catalyzed by sulfonated rice husk ash (RHA-SO ₃ H) as an efficient solid acid catalyst. <i>Research on Chemical Intermediates</i> , 2015, 41, 5611-5619.	2.7	9
66	Introduction of Ag/CuO/MCM-48 as an efficient catalyst for the one-pot synthesis of novel pyran-pyrrole hybrids. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5083.	3.5	9
67	Efficient and straightforward access to diverse and densely functionalized chromenes by 3-amino-1,2,4-triazole supported on hydroxyapatite-encapsulated- Fe_2O_3 ($\text{Fe}_2\text{O}_3@ \text{HAp}@ \text{CPTMS}@ \text{AT}$) as a new magnetic basic nanocatalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 130, 955-977.	1.7	9
68	Synthesis of (2-iminomethyl)pyridine Moiety Supported on Hydroxyapatite-encapsulated- Fe_2O_3 as an Inorganic-organic Hybrid Magnetic Nanocatalyst for the Synthesis of Thiazole Derivatives under Ultrasonic Irradiation. <i>Current Organic Chemistry</i> , 2018, 22, 1326-1334.	1.6	9
69	Synthesis and kinetic resolution of furyl substituted secondary carbinols by porcine pancreatic lipase under solvent free conditions. <i>Journal of the Iranian Chemical Society</i> , 2008, 5, 238-243.	2.2	8
70	Studies on the Synthesis and Dynamic NMR Properties of 2-(Benzylidene) Tj ETQq O O rgBT /Overlock 10 Tf 50 147 Td (amino)-N-[(R)-2-2010, 7, 185-189.	2.2	8
71	An Efficient Ultrasound Promoted One-Pot Three-Component Synthesis and Antibacterial Activities of Novel Pyrimido[4,5-b]quinoline- 4,6(3H,5H,7H,10H)-dione Derivatives. <i>Letters in Organic Chemistry</i> , 2012, 9, 664-670.	0.5	8
72	Rapid and Efficient Synthesis of Spiro-Oxindoles using Fe^{3+} -Montmorillonite under Ultrasonic Irradiation. <i>Journal of Chemical Research</i> , 2015, 39, 314-317.	1.3	8

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73	Efficient Synthesis of (<i>S</i>)-(+)-Clopidogrel Bisulfate-Capped Silver Nanoparticles. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 1552-1557.	0.6	8
74	Synthesis and Application of Imidazolium-Based Ionic Liquid Supported on Hydroxyapatite Encapsulated β -Fe ₂ O ₃ Nanocatalyst in Preparation of Pyrido[2,3- <i>d</i>]Pyrimidines. <i>Polycyclic Aromatic Compounds</i> , 2021, 41, 1925-1943.	2.6	8
75	Magnetic Fe ₃ O ₄ @TiO ₂ @NH ₂ @PMO ₁₂ O ₄₀ Nanoparticles: A Recyclable and Efficient Catalyst for Convergent One-Pot Synthesis of Pyrido[2,3- <i>d</i>]Pyrimidine Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 297-315.	2.6	8
76	A FACILE CONVERSION OF THE BAYLIS-HILLMAN ADDUCTS INTO TRIMETHYLSILYL ETHERS WITH HEXAMETHYLDISILAZANE CATALYSED BY IODINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 1181-1186.	1.6	7
77	Novel, One-Pot, Three-Component, Regioselective Synthesis of Fluorine-Containing Thiazole and Bis-3H-thiazole Derivatives Using Polyvinyl Pyridine as Heterogeneous Catalyst, and Evaluation of Their Antibacterial Activity. <i>Synthetic Communications</i> , 2015, 45, 1520-1532.	2.1	7
78	Basic Ionic Liquid as Catalyst and Reaction Media for the One-Pot Three-Component Regioselective Synthesis of Various Thiazole-imine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1009-1016.	2.6	7
79	One-pot, three-component, catalyst-free synthesis of novel derivatives of pyrido-[2,3- <i>d</i>]pyrimidines under ultrasonic irradiations. <i>Synthetic Communications</i> , 2016, 46, 1209-1214.	2.1	7
80	Sulfonated rice husk ash (RHA-SO ₃ H) as an efficient and recyclable catalyst for the Friedlander synthesis of quinolines. <i>Research on Chemical Intermediates</i> , 2015, 41, 8673-8680.	2.7	6
81	Sustainable approach to the synthesis of 1,4-disubstitued triazoles using reusable Cu(II) complex supported on hydroxyapatite-encapsulated β -Fe ₂ O ₃ as organic-inorganic hybrid nanocatalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2019, 128, 379-394.	1.7	6
82	Green Synthesis of Dihydropyrimidine Annulated Heterocyclic Systems Catalyzed by Nanoporous Na ⁺ -Montmorillonite Perchloric Acid and Evaluation of Their Biological Activities. <i>Polycyclic Aromatic Compounds</i> , 2020, 40, 1417-1433.	2.6	6
83	The Use of Enantiomerically Pure γ,δ -Unsaturated N-Acyloxazolidin-2-One in Diastereoselective Baylis-Hillman Type Reaction Mediated by SmI ₂ . <i>Letters in Organic Chemistry</i> , 2005, 2, 721-724.	0.5	6
84	Facile Synthesis of Polyfunctional Indole-Pyrido[2,3- <i>d</i>]Pyrimidine Hybrids Using Nickel-Incorporated Fluorapatite Encapsulated Iron Oxide Nanocatalyst and Study of Their Antibacterial Activities. <i>Polycyclic Aromatic Compounds</i> , 2020, , 1-14.	2.6	5
85	β -Fe ₂ O ₃ @HAP@PBABMD@Cu magnetic nanoparticles: Efficient, green, and recyclable novel nanocatalyst for the synthesis of densely functionalized pyrrole-pyrido[2,3- <i>d</i>]pyrimidine hybrids. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 902-916.	1.4	5
86	An efficient green synthesis of polyfunctional pyrazole-triazole hybrids and bis-triazoles via chromium incorporated fluorapatite encapsulated iron oxide nanocatalyst. <i>Current Chemistry Letters</i> , 2021, 10, 445-458.	1.6	5
87	AN EASY CONVERSION OF THE BAYLIS-HILLMAN ADDUCTS INTO tert-BUTYLDIMETHYLSILYL ETHERS WITH tert-BUTYLDIMETHYLSILYL CHLORIDE AND Li ₂ S. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 2429-2435.	1.6	4
88	A convenient synthesis of novel 5-arylidene-2-imino-4-thiazolidinones using base supported ionic liquid-like phase (SILLP) as efficient green catalyst. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 75-80.	2.2	4
89	On water-organic synthesis: three-component one-pot synthesis of novel bis(1-(cyclohexylamino)-1-oxoalkyl or aryl) fumarates. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 659-664.	2.2	4
90	Studies on the Synthesis of Substituted 2-amino-4 <i>H</i> -benzo[<i>h</i>]chromene and 3-amino-1 <i>H</i> -benzo[<i>f</i>]chromene Derivatives Using Base Supported Ionic Liquid Like-phase (SILLP) as an Efficient Green Catalyst. <i>Journal of Chemical Research</i> , 2017, 41, 21-24.	1.3	4

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91	Covalently anchored chlorosulfonyl-calix[4]arene onto silica gel as an efficient and reusable heterogeneous system for reduction of ketones using NaBH ₄ . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 45-53.	1.6	4
92	Ultrasound-assisted efficient synthesis of polyfunctional 1,2,4-triazoles as novel antibacterial and antioxidant agents. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 1437-1445.	1.4	4
93	Ultrasonic Activated, Highly Efficient and Regioselective Synthesis of a Novel Pyrrole- Linked benzo[f]chromene Scaffold in a Green Media. <i>Current Organic Synthesis</i> , 2018, 15, 872-880.	1.3	4
94	On Water-Sonochemical Multicomponent Synthesis of Novel Bioactive 1,1 ² -(Aryl)bis(2-(cyclohexylamino)-2-oxoethane-1,1-diyl) Di(alkanoates and benzoates). <i>Journal of Chemistry</i> , 2013, 2013, 1-8.	1.9	3
95	One-pot conversion of carbamates of unsaturated β -aminoesters into unsaturated β -lactams by use of trimethylsilyl iodide. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1375-1379.	1.6	3
96	A facile ZrO ₂ nanoparticles catalyzed synthesis of 2-amino-5-arylpyrimido[4,5-b]quinolinediones. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 395-401.	2.2	3
97	An expeditious one-pot synthesis of pyrido[2,3- <i>d</i>]pyrimidines using Fe ₃ O ₄ @ ZnO @ NH ₂ @ PW ₁₂ O ₄₀ nanocatalyst. <i>Journal of Chemical Research</i> , 2019, 43, 135-139.	1.3	3
98	A Convergent One-Pot Synthesis of Novel Pyrrole-Pyridopyrimidines Hybrids Using 1-Carboxymethyl-2,3-Dimethylimidazolium Iodide {[cmdmim]I} as a Recyclable Catalyst. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5217-5230.	2.6	3
99	Synthesis, delivery, and molecular docking of fused quinolines as inhibitor of Hepatitis A virus 3C proteinase. <i>Scientific Reports</i> , 2021, 11, 18970.	3.3	3
100	Ag-catalyzed Multicomponent Synthesis of Heterocyclic Compounds: A Review. <i>Current Organic Synthesis</i> , 2022, 19, 484-506.	1.3	3
101	Green synthesis of bis pyrazole-triazole and azo-linked triazole hybrids using an efficient and novel cobalt nanocatalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 134, 385.	1.7	3
102	[β -Fe ₂ O ₃ @ HAp-SO ₃ H] an Efficient Nanocatalyst for the Synthesis of Highly Functionalised 2-thioxopyrido[2,3- <i>d</i>]Pyrimidines. <i>Journal of Chemical Research</i> , 2016, 40, 29-34.	1.3	2
103	A novel phosphine-free and recyclable palladium organic-inorganic hybrid magnetic nanocatalyst for Heck cross-coupling reactions. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2020, 129, 1007-1026.	1.7	2
104	Introduction of Succinimide as A Green and Sustainable Organo-Catalyst for the Synthesis of Arylidene Malononitrile and Tetrahydrobenzo[b] pyran Derivatives. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 155-163.	1.1	2
105	Clean Synthesis of Propargylamines Using Novel Magnetically Recyclable Silver Nanocatalyst (AgMNPs). <i>Polycyclic Aromatic Compounds</i> , 0, , 1-13.	2.6	2
106	Facile Access to Aldol Products from Aromatic and Heteroaromatic Aldehydes Using Ruthenium Catalyst. <i>International Journal of Inorganic Chemistry</i> , 2010, 2010, 1-4.	0.6	1
107	An expedient and green ultrasound-promoted synthesis of fused β -pyrones from Baylis-Hillman acetates using basic ionic liquid [bdmim]OH. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 2161-2167.	2.2	1
108	Copper incorporated hydroxyapatite encapsulated Kit-6 mesoporous silica as a novel and recoverable nanocatalyst for the synthesis of quinazolines. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 441-454.	1.7	1

#	ARTICLE	IF	CITATIONS
109	One-Pot Easy Conversion of Baylis-Hillman Adducts into Carbamates of Unsaturated β -Amino Acids.. ChemInform, 2004, 35, no.	0.0	0
110	Crystal structure of (2Z,5Z)-3-allyl-5-(4-(methylthio)benzylidene)-2-(p-tolylimino)thiazolidin-4-one, C ₂₁ H ₂₀ N ₂ O ₂ S ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.3	0