

Ayoob Bazgir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7015782/publications.pdf>

Version: 2024-02-01

181
papers

5,034
citations

81900

39
h-index

118850

62
g-index

181
all docs

181
docs citations

181
times ranked

3358
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammonium chloride-catalyzed one-pot synthesis of 3,4-dihydropyrimidin-2-(1H)-ones under solvent-free conditions. <i>Tetrahedron Letters</i> , 2003, 44, 857-859.	1.4	206
2	One-pot, three-component route to 2H-indazolo[2,1-b]phthalazine-triones. <i>Tetrahedron</i> , 2008, 64, 2375-2378.	1.9	182
3	Solvent-free synthesis of aryl-14H-dibenzo[a,j]xanthenes and 1,8-dioxo-octahydro-xanthenes using silica sulfuric acid as catalyst. <i>Dyes and Pigments</i> , 2008, 76, 836-839.	3.7	155
4	Ultrasound-assisted one-pot, three-component synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-diones. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 159-161.	8.2	142
5	Novel One-Pot, Three-Component Synthesis of Spiro[Indoline-pyrazolo[4,3-f]pyrido[2,3-d]pyrimidine]trione Library. <i>ACS Combinatorial Science</i> , 2009, 11, 393-396.	3.3	124
6	A novel and efficient synthesis of pyrimido[4,5-d]pyrimidine-2,4,7-trione and pyrido[2,3-d:6,5-d]dipyrimidine-2,4,6,8-tetrone derivatives. <i>Tetrahedron</i> , 2007, 63, 1770-1774.	1.9	123
7	Dowex-50W promoted synthesis of 14-aryl-14H-dibenzo[a,j]xanthene and 1,8-dioxo-octahydroxanthene derivatives under solvent-free conditions. <i>Applied Catalysis A: General</i> , 2007, 325, 188-192.	4.3	116
8	Efficient Synthesis of Spiro[chromeno[2,3-d]pyrimidine-5,3-indoline]-tetraones by a One-Pot and Three-Component Reaction. <i>ACS Combinatorial Science</i> , 2009, 11, 341-344.	3.3	103
9	An efficient synthesis of spiro[dibenzo[b,i]xanthene-13,3-indoline]-pentaones and 5H-dibenzo[b,i]xanthene-tetraones. <i>Tetrahedron Letters</i> , 2008, 49, 5165-5168.	1.4	97
10	Copper Ferrite Nanoparticles: An Efficient and Reusable Nanocatalyst for a Green One-Pot, Three-component Synthesis of Spirooxindoles in Water. <i>ACS Combinatorial Science</i> , 2013, 15, 530-534.	3.8	97
11	One-pot synthesis and antibacterial activities of pyrazolo[4,3-f]pyrido[2,3-d]pyrimidine-dione derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5800-5803.	2.2	92
12	Ultrasound-assisted one-pot, three-component synthesis of spiro[indoline-3,4-pyrazolo[3,4-b]pyridine]-2,6(1H)-diones in water. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 447-452.	1.8	85
13	One-Pot, Pseudo Four-Component Synthesis of a Spiro[diindeno[1,2-b:3,4-b']pyridine-11,3-indoline]-trione Library. <i>ACS Combinatorial Science</i> , 2010, 12, 191-194.	3.3	85
14	N-Heterocyclic carbene palladium complex supported on ionic liquid-modified graphene oxide as an efficient and recyclable catalyst for Suzuki reaction. <i>RSC Advances</i> , 2014, 4, 14586-14591.	3.6	82
15	A novel three-component method for the synthesis of triazolo[1,2-a]indazole-triones. <i>Tetrahedron Letters</i> , 2007, 48, 8790-8794.	1.4	80
16	Heteropolyacid: An efficient and eco-friendly catalyst for the synthesis of 14-aryl-14H-dibenzo[a,j]xanthene. <i>Applied Catalysis A: General</i> , 2007, 323, 242-245.	4.3	80
17	Palladium nanoparticle decorated high nitrogen-doped graphene with high catalytic activity for Suzuki-Miyaura and Ullmann-type coupling reactions in aqueous media. <i>Applied Catalysis A: General</i> , 2014, 488, 265-274.	4.3	79
18	Microwave-assisted efficient synthesis of spiro-fused heterocycles under solvent-free conditions. <i>Tetrahedron Letters</i> , 2004, 45, 2575-2577.	1.4	78

#	ARTICLE	IF	CITATIONS
19	Tangstophosphoric acid (H ₃ PW ₁₂ O ₄₀): An efficient and eco-friendly catalyst for the one-pot synthesis of dihydropyrimidin-2(1H)-ones. <i>Catalysis Communications</i> , 2006, 7, 843-847.	3.3	75
20	Gold nanoparticle decorated reduced graphene oxide sheets with high catalytic activity for Ullmann homocoupling. <i>RSC Advances</i> , 2014, 4, 5243.	3.6	75
21	A novel reaction of 6-amino-uracils and isatins. <i>Tetrahedron</i> , 2008, 64, 7307-7311.	1.9	74
22	Grindstone chemistry: one-pot synthesis of spiro[diindenopyridine-indoline]triones and spiro[acenaphthylene-diindenopyridine]triones. <i>Tetrahedron Letters</i> , 2010, 51, 499-502.	1.4	74
23	Spirooxindoles: reaction of 2,6-diaminopyrimidin-4(3H)-one and isatins. <i>Tetrahedron</i> , 2009, 65, 2005-2009.	1.9	71
24	A one-step method for preparation of Cu@Cu ₂ O nanoparticles on reduced graphene oxide and their catalytic activities in N-arylation of N-heterocycles. <i>Applied Catalysis A: General</i> , 2014, 481, 79-88.	4.3	66
25	Selective oxidation of alkylarenes in dry media with potassium permanganate supported on Montmorillonite K10. <i>Tetrahedron Letters</i> , 2002, 43, 5165-5167.	1.4	62
26	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
27	Catalyst-free, aqueous and highly diastereoselective synthesis of new 5-substituted 1H-tetrazoles via a multi-component domino Knoevenagel condensation/1,3 dipolar cycloaddition reaction. <i>Tetrahedron</i> , 2012, 68, 1769-1773.	1.9	59
28	Sonochemical multi-component synthesis of spirooxindoles. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 1153-1159.	8.2	58
29	New HA 14-1 analogues: synthesis of 2-amino-4-cyano-4H-chromenes. <i>Tetrahedron Letters</i> , 2010, 51, 6270-6274.	1.4	57
30	Synthesis of fluorescent hydroxyl naphthalene-1,4-dione derivatives by a three-component reaction in water. <i>Dyes and Pigments</i> , 2011, 89, 63-69.	3.7	56
31	Synthesis of spiro[benzopyrazolonaphthyridine-indoline]-diones and spiro[chromenopyrazolopyridine-indoline]-diones by one-pot, three-component methods in water. <i>Tetrahedron</i> , 2009, 65, 9316-9321.	1.9	52
32	The efficient synthesis of aryl-5H-dibenzo[b,i]xanthene-5,7,12,14(13H)-tetraone leuco-dye derivatives. <i>Dyes and Pigments</i> , 2008, 79, 273-275.	3.7	47
33	Reaction of phthalhydrazide and acetylenedicarboxylates in the presence of N-heterocycles: an efficient synthesis of phthalazine derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 4479-4482.	1.4	44
34	An Efficient One-Pot Synthesis of 1 <i>H</i> -Pyrazolo[1,2- <i>b</i>]phthalazine-5,10-dione Derivatives. <i>Synlett</i> , 2008, 2008, 1129-1132.	1.8	44
35	A facile three-components, one-pot synthesis of pyrimido[4,5- <i>d</i>]pyrimidine-2,5-dione derivatives under microwave-assisted conditions. <i>Journal of Heterocyclic Chemistry</i> , 2007, 44, 1009-1011.	2.6	43
36	A one-pot, four-component synthesis of $\hat{\pm}$ -carboline derivatives. <i>Tetrahedron Letters</i> , 2009, 50, 7379-7381.	1.4	43

#	ARTICLE	IF	CITATIONS
37	One-pot synthesis of xanthene derivatives under solvent-free conditions. <i>Chemical Papers</i> , 2008, 62, .	2.2	40
38	A novel organocatalytic multi-component reaction: an efficient synthesis of polysubstituted pyrano-fused spirooxindoles. <i>Tetrahedron Letters</i> , 2012, 53, 3603-3606.	1.4	40
39	Gold nanoparticles supported on mercaptoethanol directly bonded to MCM-41: An efficient catalyst for the synthesis of propargylamines. <i>Catalysis Communications</i> , 2016, 73, 88-92.	3.3	40
40	Three-Component Synthesis of Pyrimidine and Pyrimidinone Derivatives in the Presence of High-Surface-Area MgO, a Highly Effective Heterogeneous Base Catalyst. <i>Synthetic Communications</i> , 2009, 39, 1055-1064.	2.1	39
41	A diastereoselective synthesis of pyrano fused coumarins via organocatalytic three-component reaction. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 279-286.	2.8	39
42	An Efficient Three-Component, One-Pot Synthesis of New Pyrimido[4,5-d]pyrimidine-2,4-diones. <i>Heterocycles</i> , 2008, 75, 87.	0.7	39
43	An efficient, three-component synthesis of spiro[benzo[<i>g</i>]chromene-4,3'-indoline]-3-carbonitrile and spiro[indoline-3,5'-pyrano[2,3- <i>d</i>]pyrimidine]-6-carbonitrile derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1266-1270.		37
44	Ultrasound-assisted synthesis of 2,2'-(2-oxoindoline-3,3-diyl)bis(1H-indene-1,3(2H)-dione) derivatives. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 415-418.	8.2	37
45	A Clean Synthesis of Spiro[indoline-3,9'-xanthene]trione Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1328-1330.	1.3	36
46	A clean and one-pot synthesis of spiroindoline-pyranopyrazoles. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1090-1094.	2.6	36
47	Introducing a novel class of four-component reactions. <i>Molecular Diversity</i> , 2000, 6, 199-206.	3.9	35
48	A reexamination of Biginelli-like multicomponent condensation reaction: One-pot regioselective synthesis of spiro heterobicyclic rings. <i>Molecular Diversity</i> , 2004, 8, 141-145.	3.9	35
49	Pseudo four-component synthesis of benzopyranopyrimidines. <i>Tetrahedron Letters</i> , 2010, 51, 4202-4204.	1.4	34
50	An Efficient and Rapid Approach to Quinolines via FriedlÄnder Synthesis Catalyzed by Silica Gel Supported Sodium Hydrogen Sulfate Under Solvent-Free Conditions. <i>Monatshefte FÄ¼r Chemie</i> , 2007, 138, 659-661.	1.8	32
51	An efficient, clean synthesis of 3,3'-(arylmethylene)bis(2-hydroxynaphthalene-1,4-dione) derivatives. <i>Dyes and Pigments</i> , 2009, 83, 258-261.	3.7	32
52	Synthesis of the Tetrasulfo- and Tetranitrophthalocyanine Complexes Under Solvent-Free and Reflux Conditions Using Microwave Irradiation. <i>Synthetic Communications</i> , 2003, 33, 1717-1725.	2.1	31
53	Solvent Effects in the Oxidation of Sulfides with NaBrO ₃ /Mg(HSO ₄) ₂ . <i>Synthetic Communications</i> , 2003, 33, 2935-2944.	2.1	28
54	One-pot and three-component synthesis of spiro[chromeno[2,3- <i>d</i>]pyrimidine-5,3'-indoline]-4-diones and spiro[chromeno[2,3- <i>c</i>]pyrazole-4,3'-indoline]-4-diones. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 967-972.		28

#	ARTICLE	IF	CITATIONS
55	Three-component synthesis of new unsymmetrical oxindoles via Friedel-Crafts type reaction. <i>Tetrahedron</i> , 2011, 67, 3954-3958.	1.9	28
56	Synthesis of benzoimidazoquinazolines by cobalt-catalyzed isocyanide insertion-cyclization. <i>RSC Advances</i> , 2016, 6, 61955-61958.	3.6	27
57	Organic Reaction in Water: A Highly Efficient and Environmentally Friendly Synthesis of Spiro Compounds Catalyzed by Proline. <i>Helvetica Chimica Acta</i> , 2011, 94, 824-830.	1.6	26
58	Alum (KAl(SO ₄) ₂ ·12H ₂ O) Catalyzed Multicomponent Transformation: Simple, Efficient, and Green Route to Synthesis of Functionalized Spiro[chromeno[2,3-d]pyrimidine-5,3-indoline]triones in Ionic Liquid Media. <i>Chinese Journal of Chemistry</i> , 2012, 30, 709-714.	4.9	26
59	Gold Nanoparticles-Decorated Dithiocarbamate Nanocomposite: An Efficient Heterogeneous Catalyst for the Green A ³ -Coupling Synthesis of Propargylamines. <i>Catalysis Letters</i> , 2018, 148, 3467-3476.	2.6	26
60	An efficient three-component synthesis of benzoxanthenes in water. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1062-1065.	2.6	25
61	A clean, three-component and one-pot cyclo-condensation to pyrimidine-fused heterocycles. <i>Comptes Rendus Chimie</i> , 2009, 12, 1287-1295.	0.5	24
62	Oxidation of Organic Compounds by Potassium Permanganate Supported on Montmorillonite K10. <i>Synthetic Communications</i> , 2004, 34, 3595-3607.	2.1	23
63	A Simple and Environmentally Benign Method for the Synthesis of Naphthoxazin-3-one Derivatives. <i>Heterocycles</i> , 2007, 71, 543.	0.7	23
64	Catalyst-free synthesis of N-rich heterocycles via multi-component reactions. <i>Tetrahedron</i> , 2012, 68, 3351-3356.	1.9	23
65	Reaction between alkyl isocyanides and 1,1,1,5,5,5-hexafluoropentane-2,4-dione in the presence of water: one-pot synthesis of highly fluorinated β -dihydroxy- α -hydroxy amides and β -keto- α -hydroxy amides. <i>Journal of Fluorine Chemistry</i> , 2002, 116, 93-95.	1.7	22
66	Silica Sulfuric Acid Catalysis the Oxidation of Organic Compounds with Sodium Bromate. <i>Synthetic Communications</i> , 2004, 34, 3303-3315.	2.1	22
67	Chromeno[2,3-d]pyrimidine-triones Synthesis by a Three-Component Coupling Reaction. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 516-520.	1.3	22
68	Synthesis of 3-oxo-1,4-diazepine-5-carboxamides and 6-(4-oxo-chromen-3-yl)-pyrazinones via sequential Ugi4CC/Staudinger/intramolecular nucleophilic cyclization and Ugi4CC/Staudinger/aza-Wittig reactions. <i>Tetrahedron</i> , 2014, 70, 8142-8147.	1.9	22
69	Microwave-assisted rapid synthesis of 1,4-diketo-pyrrolo[3,4]-pyrroles' derivatives under solvent-free conditions. <i>Dyes and Pigments</i> , 2006, 71, 68-72.	3.7	20
70	Simple and Catalyst-Free Synthesis of Oxindolin-3-yl Phosphonates. <i>ACS Combinatorial Science</i> , 2010, 12, 295-297.	3.3	20
71	A Novel Method for the Synthesis of Spiro[indoline-Pyrazolo[4,3-b]pyrido[2,3-d]pyrimidine]triones by Alum as a Reusable Catalyst. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 951-954.	2.6	20
72	Atom-economical isocyanide-based multicomponent synthesis of 2,5-dioxopyrrolidines, spirobenzothiazinechromans and 1,5-benzothiazepines. <i>Tetrahedron</i> , 2014, 70, 169-175.	1.9	20

#	ARTICLE	IF	CITATIONS
73	Tosylmethylisocyanide (TosMIC) [3+2] cycloaddition reactions: A facile Van Leusen protocol for the synthesis of the new class of spirooxazolines, spiropyrrolines and Chromeno[3,4-c]pyrrols. <i>Tetrahedron</i> , 2018, 74, 7058-7067.	1.9	19
74	Peanut shell as a green biomolecule support for anchoring Cu ₂ O: a biocatalyst for green synthesis of 1,2,3-triazoles under ultrasonic irradiation. <i>BMC Chemistry</i> , 2019, 13, 97.	3.8	19
75	ZrOCl ₂ .8H ₂ O as an Efficient Catalyst for the Three-Component Synthesis of Triazoloindazoles and Indazolophthalazines. <i>Journal of the Korean Chemical Society</i> , 2013, 57, 472-475.	0.2	19
76	An efficient and green synthesis of phthalide-fused pyrazole and pyrimidine derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 2366-2368.	1.4	17
77	Silica-supported terpyridine palladium(II) complex as an efficient and reusable catalyst for Heck and Suzuki cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2014, 28, 86-90.	3.5	17
78	Magnetic Isinglass a Nano-Bio Support for Copper Immobilization: Cu@IG@Fe ₃ O ₄ a Heterogeneous Catalyst for Triazoles Synthesis. <i>ChemistrySelect</i> , 2018, 3, 5486-5493.	1.5	17
79	A three-component, one-pot synthesis of oxazinoquinolin-3-one derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2008, 45, 1481-1484.	2.6	16
80	A simple synthesis of ferrocenyl bis-amides by a Ugi four-component reaction. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2320-2324.	1.8	16
81	Palladium-Catalyzed Migratory Insertion of Isocyanides into C(thiophene)-SMe Bonds: Access to Atom-Transfer Reactions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5347-5356.	2.4	16
82	Ultrasound-assisted three-component synthesis of 3-(5-amino-1H-pyrazol-4-yl)-3-(2-hydroxy-4,4-dimethyl-6-oxocyclohex-1-enyl)indolin-2-ones in water. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 587-591.	8.2	15
83	InCl ₃ -catalyzed efficient synthesis of spiro-perimidine derivatives. <i>Comptes Rendus Chimie</i> , 2010, 13, 1308-1312.	0.5	15
84	l-Proline: an efficient catalyst for the synthesis of new spirooxindoles. <i>Monatshefte für Chemie</i> , 2011, 142, 287-295.	1.8	15
85	Isocyanide-Based Five-Component Synthesis of 2-Aryl-(2,3,4,5-tetrahydro-2,4-dioxo-1 <i>H</i> -1,5-benzodiazepin-3-yl)acetamides (= 1-aryl-2,3,4,5-tetrahydro-2,4-dioxo-1 <i>H</i> -1,5-benzodiazepine-3-acetamides). <i>Helvetica Chimica Acta</i> , 2012, 95, 483-490.	1.6	15
86	Dicarboxylic Acid-Functionalized MCM-41 with Embedded Palladium Nanoparticles as an Efficient Heterogeneous Catalyst for C-C Coupling Reactions. <i>ChemistrySelect</i> , 2018, 3, 1439-1444.	1.5	15
87	Lewis Acid Catalyzed Regio- and Diastereoselective Synthesis of Spiroisoxazolines via One-Pot Sequential Knoevenagel Condensation/1,3-Dipolar Cycloaddition Reaction. <i>Synthesis</i> , 2019, 51, 1669-1679.	2.3	15
88	CONVERSION OF ALKYL BENZENES TO CARBONYL COMPOUNDS BY NaBrO ₃ IN THE PRESENCE OF NH ₄ Cl AND Bu ₄ NHSO ₄ . <i>Synthetic Communications</i> , 2002, 32, 675-678.	2.1	14
89	Microwave-Assisted Efficient Synthesis of Diimines in Dry Media Using Silica Gel Supported Sodium Hydrogen Sulfate as Reusable Solid Support. <i>Journal of Chemical Research</i> , 2006, 2006, 1-2.	1.3	14
90	Clean Synthesis and Antibacterial Activities of Spiro[pyrimido[4,5-b]quinoline-5,5'-pyrrolo[2,3-d]pyrimidine]-pentaones. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1617-1620.	1.3	14

#	ARTICLE	IF	CITATIONS
91	Clean synthesis of spiro[indole-3,8-phenaleno[1,2-b]pyran]-9-carbonitriles and spiro[indole-3,4-pyrano[4,3-b]pyran]-3-carbonitriles by one-pot, three-component reactions. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 46-49.		
92	An efficient synthesis of ferrocenyl imidazo[1,2-a]pyridines. <i>Monatshefte für Chemie</i> , 2010, 141, 1077-1081.	1.8	14
93	Three-component synthesis of spiro[indoline-3,5-pyrimido[4,5-b]quinoline]triones in water. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 1014-1018.	2.6	14
94	A simple and catalyst-free three-component method for the synthesis of spiro[indenopyrazolopyridine indoline]diones and spiro[indenopyridopyrimidine indoline]triones. <i>Comptes Rendus Chimie</i> , 2011, 14, 556-562.	0.5	14
95	An efficient synthesis of fluorescent spiro[benzopyrazoloquinoline-indoline]triones and spiro[acenaphthylenebenzopyrazoloquinoline]triones. <i>Monatshefte für Chemie</i> , 2012, 143, 139-143.	1.8	14
96	Efficient TMG catalyzed synthesis of 1,2,3-triazoles. <i>Comptes Rendus Chimie</i> , 2013, 16, 1086-1090.	0.5	14
97	A three-component synthesis of benzochromenodiazocines and chromenopyridines. <i>Tetrahedron Letters</i> , 2013, 54, 1960-1962.	1.4	14
98	One-Pot Synthesis and Antibacterial Activities of Novel 1H-Pyridazino[1,2-a]indazole-1,6,9(2H,11H)-triones. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1289-1291.	1.3	13
99	A simple four-component synthesis of ferrocenyl amidodiester and ferrocenyl triamides. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3421-3424.	1.8	13
100	A New Four-Component Reaction for the Synthesis of Spiro[4-H-indeno[1,2-b]pyridine-4,3-[3-H]indoles]. <i>Helvetica Chimica Acta</i> , 2011, 94, 1628-1637.	4.6	13
101	Three-Component Diastereoselective Synthesis of Stable 1,4-Diionic Organosulfurs. <i>Synthesis</i> , 2011, 2011, 1399-1402.	2.3	13
102	An Efficient One-Pot Four-Component Synthesis of Functionalized Imidazo[1,2-a]pyridines. <i>Helvetica Chimica Acta</i> , 2013, 96, 525-532.	1.6	13
103	ZrOCl ₂ ·8H ₂ O as an efficient catalyst for the synthesis of dibenzo [b,i]xanthene-tetraones and fluorescent hydroxyl naphthalene-1,4-diones. <i>Research on Chemical Intermediates</i> , 2015, 41, 3041-3046.	2.7	13
104	A highly efficient one-pot synthesis of indenopyridine-fused spirocyclic systems. <i>RSC Advances</i> , 2016, 6, 22306-22311.	3.6	13
105	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
106	One-pot, three-component synthesis of spironaphthopyrano[2,3-d]pyrimidine-5,3-indolines in water. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 421-424.	2.6	12
107	One-pot synthesis of spiro[diindeno[1,2-b]:2,1-pyridine-1,3-indoline]triones. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 1031-1034.	2.6	12
108	Highly Efficient Construction of Bisspirooxindoles Containing Vicinal Spirocenters through an Organocatalytic Modified Feist-Bönnary Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 12553-12559.	3.3	12

#	ARTICLE	IF	CITATIONS
109	Palladium on magnetic Irish moss: A new nano-biocatalyst for Suzuki type cross-coupling reactions. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4859.	3.5	12
110	Isinglass-palladium as collagen peptide-metal complex: a highly efficient heterogeneous biocatalyst for Suzuki cross-coupling reaction in water. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1473-1481.	2.2	12
111	An Efficient Synthesis of 3-(1-H-Tetrazol-5-yl)coumarins (=3-(1-H-tetrazol-5-yl)-2-benzopyran-5-ones) via Domino Knoevenagel Condensation, Pinner Reaction, and 1,3-Dipolar Cycloaddition in Water. <i>Helvetica Chimica Acta</i> , 2012, 95, 1600-1604.	1.6	11
112	Organocatalytic three-component cascade reaction for the synthesis of spiro[indeno[1,2-b]furan]-triones. <i>Molecular Diversity</i> , 2012, 16, 299-306.	3.9	11
113	A detailed investigation of the multicomponent reaction of salicylaldehyde, ethyl acetoacetate and isocyanides under microwave heating. <i>Tetrahedron</i> , 2015, 71, 7159-7169.	1.9	11
114	Continuous flow room temperature reductive aqueous homo-coupling of aryl halides using supported Pd catalysts. <i>Scientific Reports</i> , 2016, 6, 32719.	3.3	11
115	Gold nanoparticle as a Lewis acid catalyst in 1,3-dipolar cycloaddition reaction. <i>Catalysis Communications</i> , 2020, 134, 105844.	3.3	11
116	ZrOCl ₂ ·8H ₂ O as an Efficient Catalyst for the Pseudo Four-Component Synthesis of Benzopyranopyrimidines. <i>Journal of the Korean Chemical Society</i> , 2013, 57, 260-263.	0.2	11
117	Isocyanide-based four-component synthesis of ferrocenyl 1,5-disubstituted tetrazoles. <i>Tetrahedron Letters</i> , 2012, 53, 1421-1423.	1.4	10
118	A New Reaction of Isatin, Cyclic 1,3-Diketone, and 2-Cyanoacetamide: A Four-Component Synthesis of Spirooxindoles. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 272-280.	2.6	10
119	Domino Knoevenagel condensation-Michael addition-cyclization for the diastereoselective synthesis of dihydrofuopyrido[2,3-d]pyrimidines via pyridinium ylides in water. <i>RSC Advances</i> , 2014, 4, 7296.	3.6	10
120	Determinative role of ring size and substituents in highly selective synthesis of functionalized bicyclic guanidine and tetra substituted thiophene derivatives based on salt adducts afforded by cyclic thioureas and ketene dithioacetal. <i>Tetrahedron</i> , 2016, 72, 1342-1350.	1.9	10
121	Tannic acid grafted SBA-15 decorated with palladium and its catalytic activity in synthesis of aromatic ketones and biaryls. <i>Molecular Catalysis</i> , 2017, 438, 159-166.	2.0	10
122	Cobalt-catalyzed isocyanide insertion cyclization to dihydrobenzoimidazotriazines. <i>Tetrahedron Letters</i> , 2017, 58, 4281-4284.	1.4	10
123	The β -cyclodextrin decorated with palladium nanoparticles without pretreatment: An efficient heterogeneous catalyst for biaryls synthesis. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4608.	3.5	10
124	TETRABUTYLAMMONIUM HYDROGEN SULFATE: AN EFFICIENT CATALYST FOR THE SYNTHESIS OF 3,4-DIHYDROPYRIMIDIN-2(1H)-ONES UNDER SOLVENT-FREE CONDITIONS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004, 179, 2169-2175.	1.6	9
125	A Clean Synthesis of 3,3-Bis(5-amino-1H-pyrazol-4-yl)-indolin-2-one Derivatives. <i>Heterocycles</i> , 2008, 75, 2293.	0.7	9
126	An Efficient Four-Component Synthesis of Spiro[indoline-pyrazolo[4a ² ,3a ² :5,6]pyrido[2,3a ² :d ²]pyrimidine]triones. <i>Chinese Journal of Chemistry</i> , 2012, 30, 321-326.	4.9	9

#	ARTICLE	IF	CITATIONS
127	Pseudo five-component reaction of isocyanides, dialkyl acetylenedicarboxylates, and 2,3-dichloronaphthalene-1,4-dione: a highly diastereoselective synthesis of novel dispiro[furan-2,1- <i>n</i> -naphthalene-4- <i>m</i> ,2- <i>n</i> -furan] derivatives. <i>Monatshefte für Chemie</i> , 2014, 145, 1851-1855.	1.8	9
128	Palladium supported SBA-functionalized 1,2-dicarboxylic acid: The first Pd-based heterogeneous synthesis of fluorenones. <i>Molecular Catalysis</i> , 2018, 447, 28-36.	2.0	9
129	Telodendrimer-Based Macromolecular Drug Design using 1,3-Dipolar Cycloaddition for Applications in Biology. <i>Molecules</i> , 2020, 25, 857.	3.8	9
130	Isocyanide-based four-component synthesis of 1,3-indandionylamidinium betaines. <i>Tetrahedron</i> , 2012, 68, 3868-3874.	1.9	8
131	Electrostatically Enhanced Sulfuric Acid: A Strong Brønsted Acidic Catalyst for Multi-Component Reactions. <i>Catalysis Letters</i> , 2019, 149, 1934-1940.	2.6	8
132	Synthesis and evaluation of in vitro cytotoxic effects of triazol/spiroindolinequinazolinone, triazol/indolin-3-thiosemicarbazone and triazol/thiazol-indolin-2-one conjugates. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 591-601.	2.0	8
133	Isocyanide-Based Three-Component Synthesis of Pyrano-pyrido-quinoxalines. <i>Helvetica Chimica Acta</i> , 2011, 94, 1527-1532.	1.6	7
134	Synthesis of New Tetrahydro-1,5-benzodiazepin-3-yl-2-phenylacetamides via Isocyanide-Based Multicomponent Reactions. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 175-178.	2.6	7
135	Pseudo five-component synthesis of 5-phenyldihydrospiro[diindenopyridine-indenoquinoxaline]dione derivatives via a one-pot condensation reaction. <i>Monatshefte für Chemie</i> , 2014, 145, 627-632.	1.8	7
136	Recyclable bimetallic CuFe ₂ O ₄ nanoparticles: an efficient catalyst for one-pot three-component synthesis of novel dicyanomethyl-2-oxoindolin-3-ylthiocarboxylic acids in a green solvent. <i>Monatshefte für Chemie</i> , 2014, 145, 1009-1015.	1.8	7
137	Highly mild approach towards synthesis of tetrasubstituted thiophenes by an organic salt afforded by cyclic thioureas and ketene dithioacetals. <i>RSC Advances</i> , 2015, 5, 85028-85034.	3.6	7
138	Isocyanide Insertion-Cyclization Reaction for Imidazoisoindol-5-imine Scaffold Synthesis: A Selective Solvatochromic Fluorescent Probe for Methanol Detection. <i>Journal of Organic Chemistry</i> , 2021, 86, 146-152.	3.2	7
139	Iodide-Catalyzed Selenium-Assisted Sequential Multicomponent Synthesis of a Luminescence Benzo-Oxazino-Isoindole Framework. <i>Journal of Organic Chemistry</i> , 2021, 86, 2244-2253.	3.2	7
140	Composition of the Essential Oil of <i>Peucedanum cervariifolium</i> C.A. Mey. from Iran. <i>Journal of Essential Oil Research</i> , 2005, 17, 380-381.	2.7	6
141	Three-Component Synthesis of 2-Oxoindolin-3-ylphosphonates. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 896-900.	1.3	6
142	One-Pot, Three-Component Synthesis of 3-(5-Amino-1H-pyrazol-4-yl)-3-(2-hydroxy-4,4-dimethyl-6-oxocyclohex-1-enyl)indolin-2-ones. <i>Synthetic Communications</i> , 2010, 40, 1224-1230.	2.1	6
143	An efficient three-component synthesis of new barbiturate salts. <i>Tetrahedron</i> , 2012, 68, 2906-2916.	1.9	6
144	Cu ₂ O Nanoparticles: A Magnetically Retrievable Catalyst for Green Synthesis of Novel 2-(3-(Dicyanomethyl)-2-Oxoindolin-3-ylthio)Acetic Acids. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 1305-1311.	1.6	6

#	ARTICLE	IF	CITATIONS
145	Reaction between Nitrogen-Containing Heterocycles and Dialkyl Acetylenedicarboxylate with Strong Ch-Acid: Synthesis of Stable Highly Functionalised 1,4-Diionic Nitrogen Betaines. <i>Journal of Chemical Research</i> , 2004, 2004, 133-134.	1.3	5
146	Ultrasound-assisted multi-component synthesis of indazolophthalazine derivatives. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1613-1621.	2.2	5
147	A case study of Pd-Pd intramolecular interaction in a benzothiazole based palladacycle; catalytic activity toward amide synthesis via an isocyanide insertion pathway. <i>New Journal of Chemistry</i> , 2021, 45, 3290-3297.	2.8	5
148	Synthesis and Crystal Structure of 1,2-dihydro-1-(4-chlorophenyl)naphtho[1,2-c][1,3]oxazin-3-one. <i>Journal of Chemical Research</i> , 2008, 2008, 450-451.	1.3	4
149	An Efficient Isocyanide-Based Three-Component Diastereoselective Synthesis of Chromane-3,4-dicarboxamides. <i>Helvetica Chimica Acta</i> , 2013, 96, 1978-1982.	1.6	4
150	Carbon-based leaving group capability of Meldrum's acid in substitution reactions: a new strategy toward the synthesis of 4-phenyl-3, 4-dihydro-2H-benzo[g]chromene-2, 5, 10-triones. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1899-1907.	2.2	4
151	Recent Advances in the Chemistry and Synthesis of Thienopyrazine, Pyrrolopyrazine and Furopyrazine Derivatives. <i>Current Organic Chemistry</i> , 2020, 23, 2635-2663.	1.6	4
152	Simple and Efficient Synthesis of 1,3-Dithioles with Pyrimidinylidene or Pyrazolylidene Substituents. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1916-1921.	1.6	3
153	Efficient and green sonochemical synthesis of 3,3-bis(4-(dimethylamino)phenyl)indolin-2-ones. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 635-639.	8.2	3
154	An efficient three-component synthesis of new amidinium salts. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1145-1149.	2.2	3
155	Palladium-catalyzed, unsymmetrical homocoupling of thiophenes via carbon-sulfur bond activation: a new avenue to homocoupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7830-7840.	2.8	3
156	Cu-Catalyzed Oxidative-Reaction of Tosylmethylisocyanide and Benzyl Alcohols: Efficient Synthesis of 4-(tert-butylperoxy)-5-aryloxazol-2(3H)-ones and 5-Aryloxazol-2(5H)-ones. <i>Catalysis Letters</i> , 2020, 150, 2068-2075.	2.6	3
157	An Efficient One-Pot Organocatalyzed Synthesis of Spiro[Chroman-3,6'-Furo[2,3-d]Pyrimidine]-Tetraones. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 435-440.	1.1	3
158	Composition of the Essential Oil of <i>Diplotaenia cachrydifolia</i> Boiss. from Iran. <i>Journal of Essential Oil Research</i> , 2005, 17, 525-526.	2.7	2
159	MethylN-[(2-hydroxynaphthalen-1-yl)(phenyl)methyl]carbamate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3533-o3534.	0.2	2
160	Kinetics and mechanism of the dehydration reaction of sarcosine to a bislactame through diacylperoxide intermediate in strong acidic medium. <i>International Journal of Chemical Kinetics</i> , 2009, 41, 689-703.	1.6	2
161	Dimethyl 2-(1-benzyl-2-oxoindolin-3-ylidene)-1,3-dithiole-4,5-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o482-o482.	0.2	2
162	Synthesis of Benzopyranophenazines via Isocyanide-Based Three-Component Reactions. <i>E-Journal of Chemistry</i> , 2012, 9, 2315-2321.	0.5	2

#	ARTICLE	IF	CITATIONS
163	An efficient synthesis of furo[3,4-c]coumarins via the reaction of salicylaldehydes, β -ketoesters and isocyanides. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 851-856.	2.2	2
164	An organocatalytic three-component synthesis of chromeno[4,3-b]chromenones. <i>Journal of the Iranian Chemical Society</i> , 2014, 11, 155-162.	2.2	2
165	One-pot sequential double annulations cascade reaction for imidazo[1,2-b]pyrazoles synthesis. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2803-2809.	2.2	2
166	5-(4-Fluorophenyl)-1,3,7,9-tetramethylpyrido[2,3-d:6,5-d]dipyrimidine-2,4,6,8(1H,3H,7H,9H)-tetrone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o2790-o2790.	0.2	1
167	Synthesis of oxindolyl-pyrimidines and oxindolyl-fuopyrimidines from isatin-derived propargylic alcohols. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1743-1751.	2.2	1
168	I ₂ /TBHP promoted isocyanide insertion cyclization reaction for the synthesis of quinazolin fused benzoimidazole as a selective methanol detection probe. <i>Catalysis Communications</i> , 2021, 157, 106331.	3.3	1
169	Ultrasound-assisted a domino three-component reaction to polycyclic selenopyrans synthesis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2022, 197, 89-95.	1.6	1
170	Metal-free isocyanide insertion reaction to benzothiazolyl urea derivatives. <i>Journal of Molecular Structure</i> , 2022, 1256, 132557.	3.6	1
171	1-[(2-Hydroxynaphthalen-1-yl)(phenyl)methyl]-3-methylurea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3875-o3876.	0.2	0
172	N-[(2-Hydroxynaphthalen-1-yl)(phenyl)methyl]benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o5523-o5524.	0.2	0
173	1-(4-Fluorophenyl)-2,3-dihydro-1H-naphtho[1,2-e][1,3]oxazin-3-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o1495-o1496.	0.2	0
174	7-(Benzylsulfanyl)-5-(2-methoxyphenyl)-1,3-dimethyl-5,6-dihydropyrimido[4,5-d]pyrimidine-2,4(1H,3H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1666-o1666.	0.2	0
175	3,3-Dimethyl-9-phenyl-3,4-dihydroacridin-1(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1554-o1554.	0.2	0
176	2-Chloro-12-phenyl-6,7,8,9,10,11-hexahydrocycloocta[b]quinoline. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o831-o831.	0.2	0
177	7,11-Bis(4-methylphenyl)-2,4,8,10-tetraazaspiro[5.5]undecane-1,3,5,9-tetraone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1555-o1555.	0.2	0
178	Three-component synthesis of fused indenopyridines from aromatic aldehydes, 2-bromo-2H-indene-1,3-dione and aminouracil or aminopyrazole. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1603-1609.	2.2	0
179	An efficient synthesis of highly functionalized fluorenes and fluorenothiazines. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 369-375.	2.2	0
180	Csp ³ -N bond formation in aminothiophenes by 1,1-dibromo isocyanide: the unexpected 1,5-binucleophilicity of substrates. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2607-2614.	2.2	0

#	ARTICLE	IF	CITATIONS
181	Ethyl 2-methyl-4-phenylquinoline-3-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1382-o1382.	0.2	0