

Mehmet Yilmaz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave assisted synthesis of 2,3-dihydro-4H-benzo[4,5]thiazolo[3,2-a]furo[2,3-d] pyrimidin-4-ones by radical addition of 2-hydroxy-4H-benzo[4,5]thiazolo[3,2-a] pyrimidin-4-ones to various conjugated alkenes and dienes mediated Mn(OAc) ₃ . <i>Tetrahedron</i> , 2022, 116, 132806.	1.0	2
2	Acetylcholinesterase inhibition, molecular docking and ADME prediction studies of new dihydrofuran-piperazine hybrid compounds. <i>Medicinal Chemistry Research</i> , 2021, 30, 2114.	1.1	4
3	Untargeted multi-omic analysis of colorectal cancer-specific exosomes reveals joint pathways of colorectal cancer in both clinical samples and cell culture. <i>Cancer Letters</i> , 2020, 469, 186-194.	3.2	57
4	Synthesis, characterization, acetylcholinesterase inhibition, and molecular docking studies of new piperazine substituted dihydrofuran compounds. <i>Medicinal Chemistry Research</i> , 2020, 29, 1804-1818.	1.1	14
5	Formation of cyclopropa[c]indole system in the Mn-mediated radical addition of cyclohexane-1,3-diones to N-substituted acrylamides. <i>Mendeleev Communications</i> , 2020, 30, 785-787.	0.6	3
6	Synthesis and characterization of piperazine-substituted dihydrofuran derivatives via Mn(OAc) ₃ mediated radical cyclizations. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1303-1313.	0.5	0
7	Synthesis and characterization of piperazine-substituted dihydrofuran derivatives via Mn(OAc) ₃ mediated radical cyclizations. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1303-1313.	0.5	1
8	Regioselective radical addition of 3-oxopropanenitriles with terminal dienes promoted by cerium(IV) ammonium nitrate and manganese(III) acetate. <i>Synthetic Communications</i> , 2019, 49, 1938-1946.	1.1	10
9	Efficient syntheses and antimicrobial activities of new thiophene containing pyranone and quinolinone derivatives using manganese(III) acetate: the effect of thiophene on ring closure-opening reactions. <i>New Journal of Chemistry</i> , 2019, 43, 5737-5751.	1.4	20
10	Synthesis and characterization of unsaturated diacyl and alkyl-acyl piperazine derivatives. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1656-1671.	0.5	3
11	Microwave assisted synthesis of 2,3-dihydro-4H-benzo[4,5]thiazolo[3,2-a]furo[2,3-d]pyrimidin-4-ones and 6,7-dihydro-5H-furo[2,3-d]thiazolo[3,2-a]pyrimidin-5-ones using Mn(OAc) ₃ . <i>Tetrahedron Letters</i> , 2017, 58, 516-519.	0.7	17
12	Synthesis, Characterization, and Fluorescence Studies of Novel Heterocyclic Azo Dyes Derived from Benzothiazole. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 3510-3518.	1.4	3
13	Synthesis and antifungal activity of new dihydrofurocoumarins and dihydrofuroquinolines. <i>Turkish Journal of Chemistry</i> , 2017, 41, 80-88.	0.5	11
14	Regio- and diastereoselective synthesis of trans-dihydrofuran-3-carboxamides by radical addition of 1,3-dicarbonyl compounds to acrylamides using manganese(III) acetate and determination of exact configuration by X-ray crystallography. <i>Arkivoc</i> , 2017, 2016, 79-91.	0.3	4
15	Synthesis of new 2,5-di(thiophen-2-yl)furan-3-carbonitrile derivatives and investigation of the electrochromic properties of homopolymers and co-polymers with EDOT. <i>RSC Advances</i> , 2016, 6, 27836-27845.	1.7	8
16	Synthesis of 2-(2-phenylethenyl) substituted 4,5-dihydrofurans by regioselective addition of 1,3-dicarbonyl compounds to dienes promoted by cerium(IV) ammonium nitrate. <i>Arkivoc</i> , 2016, 2016, 202-213.	0.3	11
17	Synthesis of dihydrofuro- and C-alkenylated naphthoquinones catalyzed by manganese(III) acetate. <i>RSC Advances</i> , 2014, 4, 14644-14654.	1.7	16
18	Synthesis of furan substituted dihydrofuran compounds by radical cyclization reactions mediated by manganese(III) acetate. <i>Arkivoc</i> , 2014, 2014, 225-236.	0.3	11

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19	Synthesis of Thienyl-Substituted Dihydrofuran Compounds Promoted by Manganese(III) Acetate. <i>Helvetica Chimica Acta</i> , 2013, 96, 135-141.	1.0	13
20	Synthesis of trifluoromethylated dihydrofurans by addition of 1,3-dicarbonyl compounds to alkenes promoted by manganese(III) acetate. <i>Arkivoc</i> , 2013, 2013, 304-316.	0.3	7
21	Radical Cyclization Reactions via Manganese(III) Acetate Leading to Thienyl-Substituted Dihydrofuran Compounds. <i>Helvetica Chimica Acta</i> , 2012, 95, 795-804.	1.0	14
22	Synthesis of dihydrofurans containing trifluoromethyl ketone and heterocycles by radical cyclization of fluorinated 1,3-dicarbonyl compounds with 2-thienyl and 2-furyl substituted alkenes. <i>Tetrahedron</i> , 2011, 67, 8255-8263.	1.0	28
23	Studies on the Radical Cyclization of Oxopropanenitriles and Alkenes with Cerium(IV) Ammonium Nitrate in Ether Solvents. <i>Helvetica Chimica Acta</i> , 2011, 94, 1335-1342.	1.0	14
24	Radical Cyclization of Fluorinated 1,3-Dicarbonyl Compounds with Dienes Using Manganese(III) Acetate and Synthesis of Fluoroacylated 4,5-Dihydrofurans. <i>Helvetica Chimica Acta</i> , 2011, 94, 2027-2038.	1.0	14
25	Synthesis of fluoroacylated 4,5-dihydrofurans and fluoroalkylated tetrahydrofurans by the radical cyclization using manganese(III) acetate. Part II. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 628-635.	0.9	15
26	Radical cyclizations of conjugated esters and amides with 3-oxopropanenitriles mediated by manganese(III) acetate. <i>Arkivoc</i> , 2011, 2011, 363-376.	0.3	17
27	Synthesis and biological activity studies of furan derivatives. <i>Medicinal Chemistry Research</i> , 2010, 19, 490-497.	1.1	54
28	Synthesis of 2,3-Dihydro-4H-furo[3,2-c]chromen-4-ones and 2,3-Dihydronaphtho[2,3-b]furan-4,9-diones by the Radical Cyclizations of Hydroxyenones with Electron-Rich Alkenes using Manganese(III) Acetate. <i>Synthetic Communications</i> , 2008, 38, 914-927.	1.1	36
29	Oxidative cyclization of 3-oxopropanenitriles with α,β -unsaturated amides by manganese(III) acetate. Regio- and stereoselective synthesis of 4-cyano-2,3-dihydrofuran-3-carboxamides. <i>Tetrahedron</i> , 2007, 63, 7229-7239.	1.0	56
30	Free Radical Cyclization of 1,3-Dicarbonyl Compounds Mediated by Manganese(III) Acetate with Alkynes and Synthesis of Tetrahydrobenzofurans, Naphthalene, and Trifluoroacetyl Substituted Aromatic Compounds. <i>Synthetic Communications</i> , 2006, 36, 1005-1013.	1.1	34
31	Manganese(III) Acetate Based Oxidative Cyclizations of 3-Oxopropanenitriles with Conjugated Alkenes and Synthesis of 4,5-Dihydrofuran-3-carbonitriles Containing Heterocycles.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
32	Manganese(III) acetate mediated synthesis of 3-trifluoroacetyl-4,5-dihydrofurans and 3-(dihydrofuran-2(3H)-ylidene)-1,1,1-trifluoroacetones by free radical cyclization. Part 1. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 401-406.	0.9	23
33	Manganese(III) acetate based oxidative cyclizations of 3-oxopropanenitriles with conjugated alkenes and synthesis of 4,5-dihydrofuran-3-carbonitriles containing heterocycles. <i>Tetrahedron</i> , 2005, 61, 8860-8867.	1.0	38
34	Manganese(III) Acetate Mediated Synthesis of 3-Trifluoroacetyl-4,5-dihydrofurans and 3-(Dihydrofuran-2(3H)-ylidene)-1,1,1-trifluoroacetones by Free Radical Cyclization. Part 1.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
35	SYNTHESIS OF BENZOFURAN DERIVATIVES USING MANGANESE (III) ACETATE MEDIATED ADDITION OF β -DICARBONYL COMPOUNDS TO ALKYNE AND ALKENES – A COMPARATIVE STUDY. <i>Synthetic Communications</i> , 2001, 31, 3871-3876.	1.1	32
36	REGIOSELECTIVE SYNTHESIS OF 5-CARBAMOYL-DIHYDROFURANS MEDIATED MANGANESE (III) ACETATE IN ACETIC ACID. <i>Synthetic Communications</i> , 2001, 31, 2189-2194.	1.1	22

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37	In vitro antioxidant activities and in silico molecular docking studies of N-substituted oxime derivatives. Structural Chemistry, 0, , .	1.0	0