Metin Balci

List of Publications by Year
in descending order

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59	1,162	394421	454955
papers	citations	19 h-index	30 g-index

60	60	60	1082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Theoretical Study of Tetramethyl- and Tetra-tert-butyl-Substituted Cyclobutadiene and Tetrahedrane. Journal of Physical Chemistry A, 2000, 104, 1246-1255.	2.5	110
2	Intramolecular Heterocyclization of O-Propargylated Aromatic Hydroxyaldehydes as an Expedient Route to Substituted Chromenopyridines under Metal-Free Conditions. Organic Letters, 2015, 17, 964-967.	4.6	67
3	Design and Synthesis of Pyrrolotriazepine Derivatives: AnÂExperimental and Computational Study. Journal of Organic Chemistry, 2013, 78, 5184-5195.	3.2	63
4	Isomerizations of Bicyclo[2.1.0]pent-2-ene and Tricyclo[2.1.0.02,5]pentane into Cyclopenta-1,3-diene:â€‰ A Computational Study by DFT and High-Level ab Initio Methods. Journal of Physical Chemistry A, 2004, 108, 507-514.	2.5	42
5	Intramolecular Gold-Catalyzed and NaH-Supported Cyclization Reactions of N-Propargyl Indole Derivatives with Pyrazole and Pyrrole Rings: Synthesis of Pyrazolodiazepinoindole, Pyrazolopyrazinoindole, and Pyrrolopyrazinoindole. Journal of Organic Chemistry, 2015, 80, 12552-12561.	3.2	41
6	Design of Pyrazolo-pyrrolo-pyrazines and Pyrazolo-pyrrolo-diazepines via AuCl₃-Catalyzed and NaH-Supported Cyclization of N-Propargyl Pyrazoles. Journal of Organic Chemistry, 2015, 80, 3806-3814.	3.2	41
7	High Temperature Bromination. Part 12: Bromination of 7-Oxabenzonorbornadiene: Synthesis of 2,3-Dibromo-7-oxabenzonorbornadiene. Tetrahedron, 2000, 56, 6115-6120.	1.9	40
8	Gold-Catalyzed Oximeâ€“Oxime Rearrangement. Organic Letters, 2015, 17, 2660-2663.	4.6	38
9	Unusual oxidative free-radical additions of 1,3-dicarbonyl compounds to benzonorbornadiene and oxabenzonorbornadiene. Tetrahedron Letters, 2005, 46, 6227-6230.	1.4	36
10	Acyl Azides: Versatile Compounds in the Synthesis of Various HeterocyclesÂ. Synthesis, 2018, 50, 1373-1401.	2.3	36
11	Unusual Manganese(III)-Mediated Oxidative Free Radical Additions of 1,3-Dicarbonyl Compounds to Benzonorbornadiene and 7-Heterobenzonorbornadienes:Â Mechanistic Studies. Journal of Organic Chemistry, 2007, 72, 3353-3359.	3.2	28
12	A New Method for the Synthesis of Stipitatic Acid Isomers: Photooxygenation of Ethyl 6H-Cyclohepta[d][1,3]dioxole-6-carboxylate. European Journal of Organic Chemistry, 2001, 2001, 3519-3522.	2.4	27
13	Selective synthesis of N-substituted pyrrolo[1,2-a]pyrazin-1(2H)-one derivatives via alkyne cyclization. Tetrahedron Letters, 2014, 55, 6698-6702.	1.4	27
14	Gold-catalyzed formation of pyrrolo- and indolo-oxazin-1-one derivatives: The key structure of some marine natural products. Beilstein Journal of Organic Chemistry, 2015, 11, 897-905.	2.2	27
15	Catalyst-Free Hydrogenation of Alkenes and Alkynes with Hydrazine in the Presence of Oxygen. Synlett, 2014, 25, 671-676.	1.8	24
16	Synthesis of Pyrrole-Fused C,N-Cyclic Azomethine Imines and Pyrazolopyrrolopyrazines: Analysis of Their Aromaticity Using Nucleus-Independent Chemical Shifts Values. Organic Letters, 2016, 18, 408-411.	4.6	24
17	Computational Studies of Cyclobutadiene and Benzocyclobutene Fused top- ando-Quinoneâ€. Journal of Physical Chemistry A, 1998, 102, 2351-2356.	2.5	21
18	The Di-Ï€-methane Photorearrangement of 2,3-Disubstituted Benzobarrelenes and Benzonorbornadiene â^' Substituent Effects in Regioselectivity. European Journal of Organic Chemistry, 2002, 2002, 526-533.	2.4	21

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19	Chemistry of the Benzotropone Endoperoxides and Their Conversion into Tropolone Derivatives: Unusual Endoperoxide Rearrangements. Helvetica Chimica Acta, 2005, 88, 830-838.	1.6	21
20	Chloroacetonylation of CC double bonds promoted by manganese(III) acetate. Tetrahedron Letters, 2012, 53, 550-552.	1.4	19
21	An Investigation on the Synthesis of New Molecular Architectures from the Cyclotrimerisation ofexo- andendo-Benzotricyclo[4.2.1.02,5]nonene. European Journal of Organic Chemistry, 2004, 2004, 183-192.	2.4	17
22	Reduced graphene oxide supported nickelâ€“palladium alloy nanoparticles as a superior catalyst for the hydrogenation of alkenes and alkynes under ambient conditions. RSC Advances, 2016, 6, 28538-28542.	3.6	17
23	Synthesis and structure elucidation of bromination products from dibromohomobenzonorbornadienes: high temperature bromination?Part 17. Magnetic Resonance in Chemistry, 2005, 43, 75-81.	1.9	16
24	Regioselectivity observed in manganese(III) acetate mediated addition of acetylacetone to various alkenes: mechanistic and theoretical studies. Tetrahedron, 2016, 72, 6815-6824.	1.9	16
25	Nucleophilic and electrophilic cyclization of N-alkyne-substituted pyrrole derivatives: Synthesis of pyrrolopyrazinone, pyrrolotriazinone, and pyrrolooxazinone moieties. Beilstein Journal of Organic Chemistry, 2017, 13, 825-834.	2.2	16
26	The Effect of the Double Bond Pyramidalization on the Mode of the Bromination Reaction:Â Bromination of Benzobicyclononadiene. Journal of Organic Chemistry, 2007, 72, 4756-4762.	3.2	15
27	Synthesis of dipyrrolo-diazepine derivatives via intramolecular alkyne cyclization. Tetrahedron, 2018, 74, 4062-4070.	1.9	15
28	Mechanistic Insights into the Reaction of Nâ€Propargylated Pyrroleâ€and Indoleâ€Carbaldehyde with Ammonia, Alkyl Amines, and Branched Amines: A Synthetic and Theoretical Investigation. European Journal of Organic Chemistry, 2019, 2019, 5261-5274.	2.4	15
29	Title is missing!. Helvetica Chimica Acta, 2002, 85, 2729-2739.	1.6	14
30	Cyclotrimerization ofâ€˜Oxabenzonorbornadieneâ€™: Synthesis ofsyn-andanti-5,6,11,12,17,18-Hexahydro-5,18:6,11:12,17-triepoxytrinaphthylene. Helvetica Chimica Acta, 2004, 87, 2364-2367.	1.6	14
31	Bromination of 5â€Methoxyindane: Synthesis of New Benzoindenone Derivatives and Ready Access to 7Hâ€Benzo[c]fluorenâ€7â€one Skeleton. Synthetic Communications, 2008, 38, 1333-1345.	2.1	14
32	Manganese(III)-mediated oxidative free-radical additions of 1,3-dicarbonyl compounds to homobenzonorbornadiene and benzobarrelene: mechanistic studies. Tetrahedron, 2009, 65, 1430-1437.	1.9	14
33	Synthesis and Î±â€Glucosidase and Î±â€Amylase Inhibitory Activity Evaluation of Azidoâ€and Aminocyclitols. European Journal of Organic Chemistry, 2014, 2014, 6903-6917.	2.4	13
34	Regioselective Synthesis of Benzo[h][1,6]â€naphthyridines and Chromenopyrazinones through Alkyne Cyclization. European Journal of Organic Chemistry, 2017, 2017, 1489-1497.	2.4	13
35	A NEW AND EFFICIENT SYNTHESIS OF INDENONE. Synthetic Communications, 2001, 31, 1993-1999.	2.1	12
36	Cyclotrimerization of Benzobarrelene: Synthesis of New Isomeric Barrelene Architectures. Helvetica Chimica Acta, 2003, 86, 3411-3416.	1.6	12

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37	Unusual manganese(III)-mediated oxidative free-radical additions of Meldrum's acid and dimethyl malonate to benzonorbornadiene and oxabenzonorbornadiene. Tetrahedron, 2017, 73, 291-297.	1.9	12
38	A Novel Hydrocarbon, 8,10-Dimethylidenetricyclo[7.1.1.02,7]undeca-2,4,6-triene: Synthesis of benzopinane skeletonvia di-?-methane rearrangement of benzonorbornadiene system. Helvetica Chimica Acta, 1998, 81, 828-836.	1.6	11
39	Regioselective Synthesis of the 5,6-Dihydro-4H-furo[2,3-c]pyrrol-4-one Skeleton: A New Class of Compounds. Helvetica Chimica Acta, 2010, 93, 1698-1704.	1.6	11
40	Recent advances in the synthesis of fused heterocycles with new skeletons via alkyne cyclization. Tetrahedron Letters, 2020, 61, 151994.	1.4	11
41	Synthesis and Chemistry of Endoperoxides Derived from 3,4-Dihydroazulen-1(2H)-one: An Entry to Cyclopentane-Anellated Tropone Derivatives. Helvetica Chimica Acta, 2000, 83, 3131-3138.	1.6	10
42	Generation and Trapping of a Highly Strained Bicyclic Alkyne:Â Tricyclo[6.3.1.02,7]dodeca-2,4,6-trien-9-yne. Journal of Organic Chemistry, 2001, 66, 3806-3810.	3.2	10
43	Unusual fragmentation of fulvene endoperoxides with phenyliodosyl bis(trifluoroacetate) (PIFA). Journal of Heterocyclic Chemistry, 2003, 40, 529-533.	2.6	10
44	Incorporation of an Allene Unit intoÎ±-Pinenevia Î²-Elimination. Helvetica Chimica Acta, 2006, 89, 1449-1456.	1.6	10
45	Synthesis of a New 2,3â€Diaminoconduritol with Conduritol F Structure. European Journal of Organic Chemistry, 2012, 2012, 4988-4995.	2.4	10
46	Simple, Mild, and Efficient Method for the Reduction of 1,4â€Benzoquinones to Hydroquinones by the Action of NaN3. Synthetic Communications, 2006, 36, 2293-2297.	2.1	9
47	Title is missing!. Structural Chemistry, 2001, 12, 305-311.	2.0	8
48	Synthesis of Phenylâ€Substituted Conduritol B and Its Mechanism of Formation. Helvetica Chimica Acta, 2007, 90, 2227-2235.	1.6	8
49	Functionalisation of Indene. Journal of Chemical Research, 2006, 2006, 507-511.	1.3	7
50	Synthesis of a New System Containing a Pyramidalized Double Bond: Lack of Reactivity of a Strongly Protected Pyramidalized Double Bond. Helvetica Chimica Acta, 2001, 84, 707-714.	1.6	6
51	Addition of Dibromocarbene to Cyclobutene: Characterisation and Mechanism of Formation of the Products. Journal of Chemical Research, 2004, 2004, 658-660.	1.3	6
52	Controlled Synthesis of Substituted Benzobasketene Derivatives. Helvetica Chimica Acta, 2003, 86, 3332-3341.	1.6	4
53	Synthesis of Furo[2,3â€d]pyridazinâ€4(5H)â€one and Its N(5)â€Substituted Derivatives. Helvetica Chimica Acta, 2014, 97, 1487-1496.	1.6	4
54	Synthesis of Indolizines by Dimerization of Nâ€Propargylated Pyrroles via Allene Intermediates. ChemistrySelect, 2021, 6, 2366-2372.	1.5	4

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55	The effect of Benzo Substitution on Complexation of Diaza 18-crown-6 ethers Derivatives with NaClO4. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 52, 51-54.	1.6	3
56	The Chemistry of Ethyl 3-(2-Ethoxy-2-oxoethyl)-1H-indole-2-carboxylate: Synthesis of Pyrimido[4,5-b]indoles and Diethyl 4-Hydroxyquinoline-2,3-dicarboxylate via Intramolecular Cyclizations. Synthesis, 2017, 49, 1898-1904.	2.3	3
57	Functionalization of oxabenzonorbornadiene: Manganese(III)â€mediated oxidative addition of dimedone. Journal of Physical Organic Chemistry, 2017, 30, e3720.	1.9	2
58	The effect of nitrogen atom on double bond pyramidalization. Journal of Chemical Crystallography, 2004, 34, 477-481.	1.1	1
59	Stereoconvergent Generation of a Contrasteric synâ€Bicyclopropylidene (=synâ€Cyclopropylidenecyclopropane) by Stilleâ€Like Coupling. Helvetica Chimica Acta, 2013, 96, 941-950.	1.6	1