

Metin Balci

List of Publications by Year in descending order

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59
papers

1,162
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394421

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454955

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docs citations

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times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Indolizines by Dimerization of N -Propargylated Pyrroles via Allene Intermediates. <i>ChemistrySelect</i> , 2021, 6, 2366-2372.	1.5	4
2	Recent advances in the synthesis of fused heterocycles with new skeletons via alkyne cyclization. <i>Tetrahedron Letters</i> , 2020, 61, 151994.	1.4	11
3	Mechanistic Insights into the Reaction of N -Propargylated Pyrrole and Indole Carbaldehyde with Ammonia, Alkyl Amines, and Branched Amines: A Synthetic and Theoretical Investigation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5261-5274.	2.4	15
4	Acyl Azides: Versatile Compounds in the Synthesis of Various Heterocycles. <i>Synthesis</i> , 2018, 50, 1373-1401.	2.3	36
5	Synthesis of dipyrrolo-diazepine derivatives via intramolecular alkyne cyclization. <i>Tetrahedron</i> , 2018, 74, 4062-4070.	1.9	15
6	Regioselective Synthesis of Benzo[1,6]naphthyridines and Chromenopyrazinones through Alkyne Cyclization. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1489-1497.	2.4	13
7	Unusual manganese(III)-mediated oxidative free-radical additions of Meldrum's acid and dimethyl malonate to benzonorbornadiene and oxabenzonorbornadiene. <i>Tetrahedron</i> , 2017, 73, 291-297.	1.9	12
8	Functionalization of oxabenzonorbornadiene: Manganese(III)-mediated oxidative addition of dimedone. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3720.	1.9	2
9	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. <i>Synthesis</i> , 2017, 49, 1898-1904.	2.3	3
10	Nucleophilic and electrophilic cyclization of N -alkyne-substituted pyrrole derivatives: Synthesis of pyrrolopyrazinone, pyrrolotriazinone, and pyrrolooxazinone moieties. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 825-834.	2.2	16
11	Regioselectivity observed in manganese(III) acetate mediated addition of acetylacetone to various alkenes: mechanistic and theoretical studies. <i>Tetrahedron</i> , 2016, 72, 6815-6824.	1.9	16
12	Reduced graphene oxide supported nickel-palladium alloy nanoparticles as a superior catalyst for the hydrogenation of alkenes and alkynes under ambient conditions. <i>RSC Advances</i> , 2016, 6, 28538-28542.	3.6	17
13	Synthesis of Pyrrole-Fused C - N -Cyclic Azomethine Imines and Pyrazolopyrrolopyrazines: Analysis of Their Aromaticity Using Nucleus-Independent Chemical Shifts Values. <i>Organic Letters</i> , 2016, 18, 408-411.	4.6	24
14	Gold-Catalyzed Oxime-Oxime Rearrangement. <i>Organic Letters</i> , 2015, 17, 2660-2663.	4.6	38
15	Intramolecular Gold-Catalyzed and NaH-Supported Cyclization Reactions of N -Propargyl Indole Derivatives with Pyrazole and Pyrrole Rings: Synthesis of Pyrazolodiazepinoindole, Pyrazolopyrazinoindole, and Pyrrolopyrazinoindole. <i>Journal of Organic Chemistry</i> , 2015, 80, 12552-12561.	3.2	41
16	Intramolecular Heterocyclization of O -Propargylated Aromatic Hydroxyaldehydes as an Expedient Route to Substituted Chromenopyridines under Metal-Free Conditions. <i>Organic Letters</i> , 2015, 17, 964-967.	4.6	67
17	Gold-catalyzed formation of pyrrolo- and indolo-oxazin-1-one derivatives: The key structure of some marine natural products. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 897-905.	2.2	27
18	Design of Pyrazolo-pyrrolo-pyrazines and Pyrazolo-pyrrolo-diazepines via $AuCl_3$ -Catalyzed and NaH-Supported Cyclization of N -Propargyl Pyrazoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 3806-3814.	3.2	41

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19	Catalyst-Free Hydrogenation of Alkenes and Alkynes with Hydrazine in the Presence of Oxygen. <i>Synlett</i> , 2014, 25, 671-676.	1.8	24
20	Synthesis of Furo[2,3- <i>b</i>]pyridazin-4(5 <i>H</i>)-one and Its <i>N</i> (5)-Substituted Derivatives. <i>Helvetica Chimica Acta</i> , 2014, 97, 1487-1496.	1.6	4
21	Synthesis and Glucosidase and Amylase Inhibitory Activity Evaluation of Azido- and Aminocyclitols. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6903-6917.	2.4	13
22	Selective synthesis of <i>N</i> -substituted pyrrolo[1,2- <i>a</i>]pyrazin-1(2 <i>H</i>)-one derivatives via alkyne cyclization. <i>Tetrahedron Letters</i> , 2014, 55, 6698-6702.	1.4	27
23	Stereoconvergent Generation of a Contrasteric Bicyclopropylidene (=Cyclopropylidene-cyclopropane) by Stille-Like Coupling. <i>Helvetica Chimica Acta</i> , 2013, 96, 941-950.	1.6	1
24	Design and Synthesis of Pyrrolotriazepine Derivatives: An Experimental and Computational Study. <i>Journal of Organic Chemistry</i> , 2013, 78, 5184-5195.	3.2	63
25	Synthesis of a New 2,3-Diaminoconduritol with Conduritol F Structure. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4988-4995.	2.4	10
26	Chloroacetylation of CC double bonds promoted by manganese(III) acetate. <i>Tetrahedron Letters</i> , 2012, 53, 550-552.	1.4	19
27	Regioselective Synthesis of the 5,6-Dihydro-4 <i>H</i> -furo[2,3- <i>c</i>]pyrrol-4-one Skeleton: A New Class of Compounds. <i>Helvetica Chimica Acta</i> , 2010, 93, 1698-1704.	1.6	11
28	Manganese(III)-mediated oxidative free-radical additions of 1,3-dicarbonyl compounds to homobenzonorbornadiene and benzobarrelene: mechanistic studies. <i>Tetrahedron</i> , 2009, 65, 1430-1437.	1.9	14
29	Bromination of 5-Methoxyindane: Synthesis of New Benzoindenone Derivatives and Ready Access to 7-Benzo[<i>c</i>]fluoren-7-one Skeleton. <i>Synthetic Communications</i> , 2008, 38, 1333-1345.	2.1	14
30	The Effect of the Double Bond Pyramidalization on the Mode of the Bromination Reaction: Bromination of Benzobicyclononadiene. <i>Journal of Organic Chemistry</i> , 2007, 72, 4756-4762.	3.2	15
31	Unusual Manganese(III)-Mediated Oxidative Free Radical Additions of 1,3-Dicarbonyl Compounds to Benzonorbornadiene and 7-Heterobenzonorbornadienes: Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2007, 72, 3353-3359.	3.2	28
32	Synthesis of Phenyl-Substituted Conduritol B and Its Mechanism of Formation. <i>Helvetica Chimica Acta</i> , 2007, 90, 2227-2235.	1.6	8
33	Functionalisation of Indene. <i>Journal of Chemical Research</i> , 2006, 2006, 507-511.	1.3	7
34	Incorporation of an Allene Unit into Pinene via β -Elimination. <i>Helvetica Chimica Acta</i> , 2006, 89, 1449-1456.	1.6	10
35	Simple, Mild, and Efficient Method for the Reduction of 1,4-Benzoquinones to Hydroquinones by the Action of NaN ₃ . <i>Synthetic Communications</i> , 2006, 36, 2293-2297.	2.1	9
36	Unusual oxidative free-radical additions of 1,3-dicarbonyl compounds to benzonorbornadiene and oxabenzonorbornadiene. <i>Tetrahedron Letters</i> , 2005, 46, 6227-6230.	1.4	36

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37	Chemistry of the Benzotropone Endoperoxides and Their Conversion into Tropolone Derivatives: Unusual Endoperoxide Rearrangements. <i>Helvetica Chimica Acta</i> , 2005, 88, 830-838.	1.6	21
38	Synthesis and structure elucidation of bromination products from dibromohomobenzonorbornadienes: high temperature bromination? Part 17. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 75-81.	1.9	16
39	The effect of Benzo Substitution on Complexation of Diaza 18-crown-6 ethers Derivatives with NaClO ₄ . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 52, 51-54.	1.6	3
40	The effect of nitrogen atom on double bond pyramidalization. <i>Journal of Chemical Crystallography</i> , 2004, 34, 477-481.	1.1	1
41	Addition of Dibromocarbene to Cyclobutene: Characterisation and Mechanism of Formation of the Products. <i>Journal of Chemical Research</i> , 2004, 2004, 658-660.	1.3	6
42	An Investigation on the Synthesis of New Molecular Architectures from the Cyclotrimerisation of exo- and endo-Benzotricyclo[4.2.1.0 ^{2,5}]nonene. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 183-192.	2.4	17
43	Cyclotrimerization of Oxabenzonorbornadiene: Synthesis of syn- and anti-5,6,11,12,17,18-Hexahydro-5,18:6,11:12,17-triepoxytrinaphthylene. <i>Helvetica Chimica Acta</i> , 2004, 87, 2364-2367.	1.6	14
44	Isomerizations of Bicyclo[2.1.0]pent-2-ene and Tricyclo[2.1.0.0 ^{2,5}]pentane into Cyclopenta-1,3-diene: A Computational Study by DFT and High-Level ab Initio Methods. <i>Journal of Physical Chemistry A</i> , 2004, 108, 507-514.	2.5	42
45	Controlled Synthesis of Substituted Benzobasketene Derivatives. <i>Helvetica Chimica Acta</i> , 2003, 86, 3332-3341.	1.6	4
46	Cyclotrimerization of Benzobarrelene: Synthesis of New Isomeric Barrelene Architectures. <i>Helvetica Chimica Acta</i> , 2003, 86, 3411-3416.	1.6	12
47	Unusual fragmentation of fulvene endoperoxides with phenyliodosyl bis(trifluoroacetate) (PIFA). <i>Journal of Heterocyclic Chemistry</i> , 2003, 40, 529-533.	2.6	10
48	The Di- π -methane Photorearrangement of 2,3-Disubstituted Benzobarrelenes and Benzonorbornadiene: σ Substituent Effects in Regioselectivity. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 526-533.	2.4	21
49	Title is missing!. <i>Helvetica Chimica Acta</i> , 2002, 85, 2729-2739.	1.6	14
50	Generation and Trapping of a Highly Strained Bicyclic Alkyne: Tricyclo[6.3.1.0 ^{2,7}]dodeca-2,4,6-trien-9-yne. <i>Journal of Organic Chemistry</i> , 2001, 66, 3806-3810.	3.2	10
51	A NEW AND EFFICIENT SYNTHESIS OF INDENONE. <i>Synthetic Communications</i> , 2001, 31, 1993-1999.	2.1	12
52	A New Method for the Synthesis of Stipitatic Acid Isomers: Photooxygenation of Ethyl 6H-Cyclohepta[d][1,3]dioxole-6-carboxylate. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3519-3522.	2.4	27
53	Synthesis of a New System Containing a Pyramidalized Double Bond: Lack of Reactivity of a Strongly Protected Pyramidalized Double Bond. <i>Helvetica Chimica Acta</i> , 2001, 84, 707-714.	1.6	6
54	Title is missing!. <i>Structural Chemistry</i> , 2001, 12, 305-311.	2.0	8

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55	Synthesis and Chemistry of Endoperoxides Derived from 3,4-Dihydroazulen-1(2H)-one: An Entry to Cyclopentane-Anellated Tropone Derivatives. <i>Helvetica Chimica Acta</i> , 2000, 83, 3131-3138.	1.6	10
56	High Temperature Bromination. Part 12: Bromination of 7-Oxabenzonorbornadiene: Synthesis of 2,3-Dibromo-7-oxabenzonorbornadiene. <i>Tetrahedron</i> , 2000, 56, 6115-6120.	1.9	40
57	Theoretical Study of Tetramethyl- and Tetra-tert-butyl-Substituted Cyclobutadiene and Tetrahedrane. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1246-1255.	2.5	110
58	A Novel Hydrocarbon, 8,10-Dimethylidenetricyclo[7.1.1.0 ^{2,7}]undeca-2,4,6-triene: Synthesis of benzopinane skeleton via di- π -methane rearrangement of benzenonorbornadiene system. <i>Helvetica Chimica Acta</i> , 1998, 81, 828-836.	1.6	11
59	Computational Studies of Cyclobutadiene and Benzocyclobutene Fused top- and o-Quinone. <i>Journal of Physical Chemistry A</i> , 1998, 102, 2351-2356.	2.5	21