

Copper-catalyzed azide–alkyne cycloaddition (CuAAC) copper(i) acetylides

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dendrimeric Pyridoxamine Enzyme Mimics. <i>Journal of the American Chemical Society</i> , 2003, 125, 12110-12111.	13.7	90
2	Carboxylic Acid-Promoted Copper(I)-Catalyzed Azide~Alkyne Cycloaddition. <i>Journal of Organic Chemistry</i> , 2010, 75, 7002-7005.	3.2	135
3	Recent Applications of Polymer Supported Organometallic Catalysts in Organic Synthesis. <i>Molecules</i> , 2010, 15, 6306-6331.	3.8	67
4	Chelation-Assisted, Copper(II)-Acetate-Accelerated Azide~Alkyne Cycloaddition. <i>Journal of Organic Chemistry</i> , 2010, 75, 6540-6548.	3.2	146
5	Efficient Synthesis of 1-Sulfonyl-1,2,3-triazoles. <i>Organic Letters</i> , 2010, 12, 4952-4955.	4.6	262
6	Copper~Catalyzed Four~Component Reaction of Baylis~Hillman Adducts with Alkynes, Sulfonyl Azides and Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2432-2436.	4.3	23
7	Non~Magnetic and Magnetic Supported Copper(I) Chelating Adsorbents as Efficient Heterogeneous Catalysts and Copper Scavengers for Click Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3306-3320.	4.3	80
10	Dramatic Impact of ppb Levels of Palladium on the ~Copper~Catalyzed~Sonogashira Coupling. <i>Chemistry - A European Journal</i> , 2010, 16, 11822-11826.	3.3	78
11	Efficient Access to New Chemical Space Through Flow~Construction of Druglike Macrocycles Through Copper~Surface~Catalyzed Azide~Alkyne Cycloaddition Reactions. <i>Chemistry - A European Journal</i> , 2010, 16, 14506-14512.	3.3	91
12	Palladium(II) and platinum(II) complexes of bidentate 2-pyridyl-1,2,3-triazole ~click~ligands: Synthesis, properties and X-ray structures. <i>Polyhedron</i> , 2010, 29, 3111-3117.	2.2	57
13	The [Cu]-catalyzed SNAR reactions: direct amination of electron deficient aryl halides with sodium azide and the synthesis of arylthioethers under Cu(II)~ascorbate redox system. <i>Tetrahedron</i> , 2010, 66, 7642-7650.	1.9	53
14	Efficient synthesis of deuterated 1,2,3-triazoles. <i>Tetrahedron Letters</i> , 2010, 51, 6275-6277.	1.4	32
15	One-pot syntheses of 1,2,3-triazoles containing a pentafluorosulfanylalkyl group via click chemistry. <i>Tetrahedron Letters</i> , 2010, 51, 6951-6954.	1.4	44
16	Cinchona Alkaloid-Catalyzed Asymmetric Trifluoromethylation of Alkynyl Ketones with Trimethylsilyl Trifluoromethane. <i>Organic Letters</i> , 2010, 12, 5104-5107.	4.6	91
17	Regioselective syntheses of fully-substituted 1,2,3-triazoles: the CuAAC/C~H bond functionalization nexus. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4503.	2.8	237
18	Surface Functionalization Using Catalyst-Free Azide~Alkyne Cycloaddition. <i>Bioconjugate Chemistry</i> , 2010, 21, 2076-2085.	3.6	205
19	Click-triazole: coordination of 2-(1,2,3-triazol-4-yl)-pyridine to cations of traditional tetrahedral geometry (Cu(i), Ag(i)). <i>Chemical Communications</i> , 2010, 46, 8454.	4.1	67
20	Biofunctionalization on Alkylated Silicon Substrate Surfaces via ~Click~Chemistry. <i>Journal of the American Chemical Society</i> , 2010, 132, 16432-16441.	13.7	80

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21	Click Polymerization: Progresses, Challenges, and Opportunities. <i>Macromolecules</i> , 2010, 43, 8693-8702.	4.8	259
22	Reactions of Terminal Polyyne with Benzyl Azide. <i>Journal of Organic Chemistry</i> , 2010, 75, 8498-8507.	3.2	17
23	Accelerated Growth of Dendrimers via Thiol-ene and Esterification Reactions. <i>Macromolecules</i> , 2010, 43, 6004-6013.	4.8	90
24	Anaerobic conditions to reduce oxidation of proteins and to accelerate the copper-catalyzed "Click" reaction with a water-soluble bis(triazole) ligand. <i>Chemical Communications</i> , 2011, 47, 3186.	4.1	36
25	Synthesis of novel molecular probes inspired by harringtonolide. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4570.	2.8	18
26	Combining RAFT and Staudinger Ligation: A Potentially New Synthetic Tool for Bioconjugate Formation. <i>Macromolecules</i> , 2011, 44, 3260-3269.	4.8	28
27	Application of click chemistry on preparation of separation materials for liquid chromatography. <i>Chemical Society Reviews</i> , 2011, 40, 2177.	38.1	195
28	Dynamic clicked surfaces based on functionalised pillar[5]arene. <i>Chemical Communications</i> , 2011, 47, 11420.	4.1	91
29	Cationic Gold(I) π -Complexes of Terminal Alkynes and Their Conversion to Dinuclear η^2 , η^2 -Acetylide Complexes. <i>Organometallics</i> , 2011, 30, 6003-6009.	2.3	116
30	η^2 -Olefination of 2-Alkynoates Leading to Trisubstituted 1,3-Dienes. <i>Organic Letters</i> , 2011, 13, 3418-3421.	4.6	30
31	An activated triple bond linker enables "click" attachment of peptides to oligonucleotides on solid support. <i>Nucleic Acids Research</i> , 2011, 39, 9047-9059.	14.5	34
32	Ligand Steric Contours To Understand the Effects of π -N-Heterocyclic Carbene Ligands on the Reversal of Regioselectivity in Ni-Catalyzed Reductive Couplings of Alkynes and Aldehydes. <i>Journal of the American Chemical Society</i> , 2011, 133, 6956-6959.	13.7	119
33	Facile, modular transformations of RAFT block copolymers via sequential isocyanate and thiol-ene reactions. <i>Polymer Chemistry</i> , 2011, 2, 1976.	3.9	36
34	Simple and Efficient Method for the Synthesis of Azides in Water-THF Solvent System. <i>Organic Preparations and Procedures International</i> , 2011, 43, 348-353.	1.3	34
35	CuAAC Macrocyclization: High Intramolecular Selectivity through the Use of Copper-Tris(triazole) Ligand Complexes. <i>Organic Letters</i> , 2011, 13, 2754-2757.	4.6	54
36	Stepwise "Click" Chemistry for the Template Independent Construction of a Broad Variety of Cross-Linked Oligonucleotides: Influence of Linker Length, Position, and Linking Number on DNA Duplex Stability. <i>Journal of Organic Chemistry</i> , 2011, 76, 5584-5597.	3.2	54
37	Tuning the Properties of Layer-by-Layer Assembled Poly(acrylic acid) Click Films and Capsules. <i>Macromolecules</i> , 2011, 44, 1194-1202.	4.8	40
38	Chiral Propargyl Alcohols via the Enantioselective Addition of Terminal Di- and Triynes to Aldehydes. <i>Journal of Organic Chemistry</i> , 2011, 76, 6574-6583.	3.2	34

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39	Synthesis and Postpolymerization Functionalization of Poly(5-iodo-1,2,3-triazole)s. <i>Macromolecules</i> , 2011, 44, 4735-4741.	4.8	58
40	1,3,4-Trisubstituted-1,2,3-Triazol-5-ylidene 'Click' Carbene Ligands: Synthesis, Catalysis and Self-Assembly. <i>Australian Journal of Chemistry</i> , 2011, 64, 1118.	0.9	154
41	Efficient one-pot synthesis of polysubstituted 6-[(1H-1,2,3-triazol-1-yl)methyl]uracils through the α -click-protocol. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1121-1131.	1.0	10
42	Experimental Investigation on the Mechanism of Chelation-Assisted, Copper(II) Acetate-Accelerated Azide-Alkyne Cycloaddition. <i>Journal of the American Chemical Society</i> , 2011, 133, 13984-14001.	13.7	160
43	Copper-cascade catalysis: synthesis of 3-functionalized indoles. <i>Chemical Communications</i> , 2011, 47, 3275.	4.1	78
45	The Davis-Beirut Reaction: $\langle N \rangle^1, \langle N \rangle^2$ -Disubstituted-1-H-Indazolones via 1,6-Electrophilic Addition to 3-Alkoxy-2-H-Indazoles. <i>Organic Letters</i> , 2011, 13, 3138-3141.	4.6	29
46	Palladium(II) Complexes of Readily Functionalized Bidentate 2-Pyridyl-1,2,3-triazole α -Click-Ligands: A Synthetic, Structural, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2011, 50, 6334-6346.	4.0	111
47	Patterned Surface Derivatization Using Diels-Alder Photoclick Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 15730-15736.	13.7	89
48	Modular α -Click-Chemistry for Electrochemically and Photoelectrochemically Active Molecular Interfaces to Tin Oxide Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 3110-3119.	8.0	38
49	Click Chemistry on Solution-Dispersed Graphene and Monolayer CVD Graphene. <i>Chemistry of Materials</i> , 2011, 23, 3362-3370.	6.7	169
50	Triazole: a unique building block for the construction of functional materials. <i>Chemical Communications</i> , 2011, 47, 8740.	4.1	152
51	Generation of Profluorescent Isoindoline Nitroxides Using Click Chemistry. <i>Journal of Organic Chemistry</i> , 2011, 76, 4964-4972.	3.2	45
52	Rapid preparation of triazolyl substituted NH-heterocyclic kinase inhibitors via one-pot Sonogashira coupling-TMS-deprotection-CuAAC sequence. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5129.	2.8	35
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54	Polysaccharides: The α -Click-Chemistry Impact. <i>Polymers</i> , 2011, 3, 1607-1651.	4.5	81
55	Acid-Base Jointly Promoted Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. <i>Journal of Organic Chemistry</i> , 2011, 76, 6832-6836.	3.2	130
56	Click novel glycosyl amino acid hydrophilic interaction chromatography stationary phase and its application in enrichment of glycopeptides. <i>Talanta</i> , 2011, 85, 1642-1647.	5.5	21
57	Synthesis of 5-Iodo-1,2,3-triazole-Containing Macrocycles Using Copper Flow Reactor Technology. <i>Organic Letters</i> , 2011, 13, 4060-4063.	4.6	101

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58	The synthesis of double-headed nucleosides by the CuAAC reaction and their effect in secondary nucleic acid structures. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1381.	2.8	27
59	Carboxylate-Assisted Transition-Metal-Catalyzed C-H Bond Functionalizations: Mechanism and Scope. <i>Chemical Reviews</i> , 2011, 111, 1315-1345.	47.7	3,087
60	Fusing Triazoles: Toward Extending Aromaticity. <i>Organic Letters</i> , 2011, 13, 3494-3497.	4.6	41
61	Composite Polymer Materials Consisting of Nanofilms Formed by Click Reaction between Polymers at an Oil-Water Interface. <i>Chemistry Letters</i> , 2011, 40, 270-272.	1.3	12
62	Synthesis of 2-amino-3-arylpropan-1-ols and 1-(2,3-diaminopropyl)-1,2,3-triazoles and evaluation of their antimalarial activity. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1745-1752.	2.2	28
63	Copper(I)-Catalyzed [3+2] Cycloaddition of 3-Azidoquinoline-2,4(1H,3H)-diones with Terminal Alkynes. <i>Molecules</i> , 2011, 16, 4070-4081.	3.8	4
64	Synthesis of N-propynyl analogues of peptide nucleic acid (PNA) monomers and their use in the click reaction to prepare N-functionalized PNAs. <i>Tetrahedron</i> , 2011, 67, 9588-9594.	1.9	12
65	Diversity-oriented syntheses of 7-substituted lentiginosines. <i>Tetrahedron</i> , 2011, 67, 9555-9564.	1.9	18
66	Synthesis of indolequinones via a Sonogashira coupling/cyclization cascade reaction. <i>Tetrahedron Letters</i> , 2011, 52, 4665-4670.	1.4	22
67	Hydroxyapatite-supported copper(II)-catalyzed azide-alkyne [3+2] cycloaddition with neither reducing agents nor bases in water. <i>Tetrahedron Letters</i> , 2011, 52, 6916-6918.	1.4	52
68	Reactivity study of arene(azido)ruthenium Nâ©O-base complexes with activated alkynes. <i>Inorganica Chimica Acta</i> , 2011, 376, 428-436.	2.4	24
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70	1,3-Dipolar cycloaddition of nitron-type dipoles to uncomplexed and metal-bound substrates bearing the CN triple bond. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2946-2967.	18.8	75
71	Triazole Bridges as Versatile Linkers in Electron Donor-Acceptor Conjugates. <i>Journal of the American Chemical Society</i> , 2011, 133, 13036-13054.	13.7	109
72	Efficient covalent functionalisation of carbon nanotubes: the use of -click chemistry-. <i>Chemical Science</i> , 2011, 2, 1887.	7.4	61
73	Copper(I) 1,2,3-Triazol-5-ylidene Complexes as Efficient Catalysts for Click Reactions of Azides with Alkynes. <i>Organic Letters</i> , 2011, 13, 620-623.	4.6	178
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75	Mitsunobu Reaction of 1,2,3-NH-Triazoles: A Regio- and Stereoselective Approach to Functionalized Triazole Derivatives. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2720-2724.	3.3	42

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76	Steroid/Triterpenoid Functional Molecules based on "Click Chemistry". Chemistry - an Asian Journal, 2011, 6, 2636-2647.	3.3	22
77	Sulfated Ligands for the Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. Chemistry - an Asian Journal, 2011, 6, 2796-2802.	3.3	95
78	Ligand-Assisted, Copper(II) Acetate-Accelerated Azide-Alkyne Cycloaddition. Chemistry - an Asian Journal, 2011, 6, 2825-2834.	3.3	46
79	Palladium-Catalyzed Alkynylthiolation of Alkynes with Triisopropylsilylethynyl Sulfide. Chemistry - an Asian Journal, 2011, 6, 3190-3194.	3.3	21
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87	Nanoporous Copper Metal Catalyst in Click Chemistry: Nanoporosity-Dependent Activity without Supports and Bases. Advanced Synthesis and Catalysis, 2011, 353, 3095-3100.	4.3	70
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97	Iron-Catalyzed C-H and C-C Bond Cleavage: A Direct Approach to Amides from Simple Hydrocarbons. Angewandte Chemie - International Edition, 2011, 50, 12595-12599.	13.8	124

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98	Convergent Assembly and Surface Modification of Multifunctional Dendrimers by Three Consecutive Click Reactions. <i>Chemistry - A European Journal</i> , 2011, 17, 839-846.	3.3	57
99	The First Well-Defined Silver(I)-Complex-Catalyzed Cycloaddition of Azides onto Terminal Alkynes at Room Temperature. <i>Chemistry - A European Journal</i> , 2011, 17, 14727-14730.	3.3	142
100	Click Chemistry for Rapid Labeling and Ligation of RNA. <i>ChemBioChem</i> , 2011, 12, 125-131.	2.6	166
101	Synthesis and in vitro evaluation of [18F]fluoroethyl triazole labelled [Tyr3]octreotate analogues using click chemistry. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3122-3127.	2.2	44
102	Novel purine-based fluoroaryl-1,2,3-triazoles as neuroprotecting agents: Synthesis, neuronal cell culture investigations, and CDK5 docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 3957-3961.	2.2	25
103	Synthesis of glycopolymers via click reactions. <i>European Polymer Journal</i> , 2011, 47, 435-446.	5.4	169
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105	A facile synthesis of N ⁶ -C linked 1,2,3-triazole-oligomers. <i>Tetrahedron</i> , 2011, 67, 5254-5260.	1.9	13
106	Highly controlling selectivity of copper(I)-catalyzed azide/alkyne cycloaddition (CuAAC) between sulfonyl azides and normal alkynes or propynoates. <i>Tetrahedron</i> , 2011, 67, 6294-6299.	1.9	108
107	Synthesis of modified triazole nucleosides possessing one or two base moieties via a click chemistry approach. <i>Tetrahedron Letters</i> , 2011, 52, 1673-1676.	1.4	23
108	Fixed-charge labels for simplified reaction analysis: 5-hydroxy-1,2,3-triazoles as byproducts of a copper(I)-catalyzed click reaction. <i>Tetrahedron Letters</i> , 2011, 52, 2750-2753.	1.4	15
109	ZnCl ₂ -catalyzed hydrodefluorination of gem-difluoromethylene derivatives with lithium aluminum hydride. <i>Tetrahedron Letters</i> , 2011, 52, 3481-3484.	1.4	12
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111	Some Organometallic Chemistry of Tetracyanoethene: CN-displacement and Cycloaddition Reactions with Alkynyl - Transition Metal Complexes and Related Chemistry. <i>Australian Journal of Chemistry</i> , 2011, 64, 77.	0.9	45
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115	1,2-Bis{4-[1-(anthracen-9-ylmethyl)-1 <i>H</i> -1,2,3-triazol-4-yl]phenyl}-1,2-bis[4,5-bis(methylsulfanyl)-1,3-dithiol-2-ylidene]ethane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3298-o3299.	0.2	1

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116	From molecular catalysts to nanostructured materials skeleton catalysts. <i>Pure and Applied Chemistry</i> , 2012, 84, 1771-1784.	1.9	28
117	A Citric Acid-Derived Ligand for Modular Functionalization of Metal Oxide Surfaces via "Click" Chemistry. <i>Langmuir</i> , 2012, 28, 1322-1329.	3.5	66
118	Enantioselective synthesis of C-linked spiroacetal-triazoles as privileged natural product-like scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5993.	2.8	5
119	RAFT Polymerization of Bio-Based 1-Vinyl-4-dianhydrohexitol-1,2,3-triazole Stereoisomers Obtained via Click Chemistry. <i>Biomacromolecules</i> , 2012, 13, 4138-4145.	5.4	34
120	Selective Formation of 1,4-Disubstituted Triazoles from Ruthenium-Catalyzed Cycloaddition of Terminal Alkynes and Organic Azides: Scope and Reaction Mechanism. <i>Organometallics</i> , 2012, 31, 4904-4915.	2.3	47
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122	Design, Synthesis, and Testing of a Molecular Truck for Colonic Delivery of 5-Aminosalicylic Acid. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 710-714.	2.8	7
123	Click synthesized dianthryl-TTFV: an efficient fluorescent turn-on probe for transition metal ions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2542.	2.8	17
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125	Tandem synthesis of highly functionalized pyrazole derivatives from terminal alkynes, sulfonyl azides, diethyl azadicarboxylate, and sodium arylsulfonates. <i>Molecular Diversity</i> , 2012, 16, 651-657.	3.9	20
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127	Mechanistic Investigations of Copper(I)-Catalysed Alkyne-Azide Cycloaddition Reactions. <i>Topics in Heterocyclic Chemistry</i> , 2012, , 1-29.	0.2	27
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133	Iron-Facilitated Oxidative Dehydrogenative C-O Bond Formation by Propargylic C-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10823-10826.	13.8	52
134	Electroactive Tetrathiafulvalenyl-1,2,3-triazoles by Click Chemistry: Cu-versus Ru-Catalyzed Azide-Alkyne Cycloaddition Isomers. <i>Chemistry - A European Journal</i> , 2012, 18, 16097-16103.	3.3	13
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137	Cooperative perfunctionalization and partial labeling of 6-azido-6-deoxy- β -cyclodextrin through copper(I)-catalyzed azide-alkyne cycloaddition. <i>Tetrahedron Letters</i> , 2012, 53, 5911-5915.	1.4	8
138	6-Hydroxymethyltriazolyl-6-deoxy- β -cyclodextrin: a highly water soluble and structurally well-defined β -cyclodextrin click cluster. <i>Tetrahedron Letters</i> , 2012, 53, 5791-5795.	1.4	5
139	Copper(i)-catalyzed intramolecular [2 + 2] cycloaddition of 1,6-enyne-derived ketenimine: an efficient construction of strained and bridged 7-substituted-3-heterobicyclo[3.1.1]heptan-6-one. <i>Chemical Science</i> , 2012, 3, 1975.	7.4	27
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141	Expedient construction of small molecule macroarrays via sequential palladium- and copper-mediated reactions and their ex situ biological testing. <i>Chemical Science</i> , 2012, 3, 1555.	7.4	5
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1125	Stereoselective synthesis of 2,5-disubstituted pyrrolidines <i>via</i> gold-catalysed anti-Markovnikov hydroamination-initiated tandem reactions. <i>Chemical Communications</i> , 2019, 55, 9923-9926.	4.1	12
1126	Intramolecular azavinyl carbene-triggered rearrangement of furans. <i>Chemical Science</i> , 2019, 10, 8583-8588.	7.4	13
1127	Unravel the surface active sites on Cu/MgLaO solid base catalyst by DRIFT spectroscopy and adsorption techniques for the synthesis of triazoles by click reaction. <i>Molecular Catalysis</i> , 2019, 476, 110523.	2.0	0
1128	Selective Derivatization of Hexahistidine-Tagged Recombinant Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 237-250.	1.6	0
1129	One-pot sequential diprop-2-ynylation and cycloaddition: An efficient synthesis of novel N,N-bis(1,2,3-triazol-4-yl) methylarylamines starting from primary amines. <i>Synthetic Communications</i> , 2019, 49, 2760-2766.	2.1	2
1130	Capping Strategies for Covalent Template-Directed Synthesis of Linear Oligomers Using CuAAC. <i>Journal of the American Chemical Society</i> , 2019, 141, 10862-10875.	13.7	19
1131	Organocatalyzed preparation of 1,4,5-trisubstituted-glycosyl-1,2,3-triazole derivatives. <i>Glycoconjugate Journal</i> , 2019, 36, 439-450.	2.7	3
1132	Duplex-Forming Oligonucleotide of Triazole-Linked RNA. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3380-3385.	3.3	6
1133	Metal-Free C=N or C=C Bond Cleavages of α -Azido Ketones: An Oxidative-Amidation Strategy for the Synthesis of α -Ketothioamides and Amides. <i>Journal of Organic Chemistry</i> , 2019, 84, 14883-14891.	3.2	27
1134	Copper Aluminate Spinel in Click Chemistry: An Efficient Heterogeneous Nanocatalyst for the Highly Regioselective Synthesis of Triazoles in Water. <i>Synlett</i> , 2019, 30, 2136-2142.	1.8	17
1135	Syntheses of o-iodobenzyl alcohols-BODIPY structures as potential precursors of bimodal tags for positron emission tomography and optical imaging. <i>Tetrahedron</i> , 2019, 75, 130765.	1.9	9
1136	Synthesis and characterization of active cuprous oxide particles and their catalytic application in 1,2,3-triazole synthesis via alkyne-azide cycloaddition reaction in water. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3277-3288.	2.6	3
1137	Copper-Catalyzed Asymmetric Propargylation of Indolizines. <i>Organic Letters</i> , 2019, 21, 8553-8557.	4.6	28
1138	Synthesis of Triazole Click Ligands for Suzuki-Miyaura Cross-Coupling of Aryl Chlorides. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1416-1422.	0.8	1
1139	Palladium(II), Rhodium(I), and Iridium(I) Complexes Containing O-Functionalized 1,2,3-Triazol-5-ylidene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4263-4272.	2.0	8
1140	Site-Specific Modification of Proteins through N-Terminal Azide Labeling and a Chelation-Assisted CuAAC Reaction. <i>Bioconjugate Chemistry</i> , 2019, 30, 2427-2434.	3.6	16
1141	Solvent-free Suzuki and Stille cross-coupling reactions of 4- and 5-halo-1,2,3-triazoles. <i>Mendeleev Communications</i> , 2019, 29, 147-149.	1.6	20
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1144	Porphyrinoidâ€‘Fullerene Hybrids as Candidates in Artificial Photosynthetic Schemes. <i>Journal of Carbon Research</i> , 2019, 5, 57.	2.7	17
1145	A versatile catalyst-free perfluoroaryl azideâ€‘aldehydeâ€‘amine conjugation reaction. <i>Materials Chemistry Frontiers</i> , 2019, 3, 251-256.	5.9	14
1146	Rh-catalyzed intramolecular cyclization of 1-sulfonyl-1,2,3-triazole and sulfinate. Concise preparation of sulfonylated unsaturated piperidines. <i>Tetrahedron Letters</i> , 2019, 60, 815-819.	1.4	8
1147	Vitamin B ₁₂ transports modified RNA into <i>E. coli</i> and <i>S. Typhimurium</i> cells. <i>Chemical Communications</i> , 2019, 55, 763-766.	4.1	28
1148	The application of click chemistry for targeting quadruplex nucleic acids. <i>Chemical Communications</i> , 2019, 55, 731-750.	4.1	33
1149	Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azideâ€‘alkyne cycloaddition reaction. <i>Dalton Transactions</i> , 2019, 48, 1774-1785.	3.3	24
1150	Copper complexes of arylselenolate-based ligands: synthesis and catalytic activity in azideâ€‘alkyne cycloaddition reactions. <i>New Journal of Chemistry</i> , 2019, 43, 2381-2388.	2.8	15
1151	Recent Developments in Metalâ€‘Catalyzed Bioâ€‘Orthogonal Reactions for Biomolecule Tagging. <i>ChemBioChem</i> , 2019, 20, 1498-1507.	2.6	12
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1153	Theoretical investigation on acetylene cyclotrimerization catalysed by TiO ₂ and Ti. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3934.	1.9	5
1154	Double Cuâ€‘Catalyzed Direct Csp ³ â€‘H Azidation/CuAAC Reaction: Aâ€‘Direct Approach towards Demanding Triazole Conjugates. <i>Chemistry - A European Journal</i> , 2019, 25, 4077-4086.	3.3	20
1155	2â€‘Azidoethaneâ€‘1â€‘sulfonylfluoride (ASF): A Versatile <i>Bis</i> -clickable Reagent for SuFEx and CuAAC Click Reactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1763-1769.	2.4	23
1156	Design, Synthesis and Fungicidal Activities of Novel 1,2,3â€‘Triazole Functionalized Strobilurins. <i>ChemistrySelect</i> , 2019, 4, 1015-1018.	1.5	12
1157	Designing chiral amido-oxazolines as new chelating ligands devoted to direct Cu-catalyzed oxidation of allylic C H bonds in cyclic olefins. <i>Tetrahedron</i> , 2019, 75, 862-867.	1.9	15
1158	Modification of polyhydroxyalkanoates: Evaluation of the effectiveness of novel copper(II) catalysts in click chemistry. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 376-384.	7.5	2
1159	Facile synthesis of 1,5-disubstituted 1,2,3-triazoles by the regiospecific alkylation of a ruthenium triazolato complex. <i>Dalton Transactions</i> , 2019, 48, 2028-2037.	3.3	10
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1162	Beyond copper-catalyzed azide-alkyne 1,3-dipolar cycloaddition: Synthesis and mechanism insights. <i>Tetrahedron</i> , 2019, 75, 3697-3712.	1.9	42
1163	Copper(I)-Catalyzed Click Chemistry as a Tool for the Functionalization of Nanomaterials and the Preparation of Electrochemical (Bio)Sensors. <i>Sensors</i> , 2019, 19, 2379.	3.8	27
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1166	Strategies for the Diversity-Oriented Synthesis of Macrocycles. <i>Chemical Reviews</i> , 2019, 119, 10288-10317.	47.7	129
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1168	Multicatalysis Combining 3D-Printed Devices and Magnetic Nanoparticles in One-Pot Reactions: Steps Forward in Compartmentation and Recyclability of Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25283-25294.	8.0	30
1169	Rhodium(ii)-catalyzed divergent intramolecular tandem cyclization of N- or O-tethered cyclohexa-2,5-dienones with 1-sulfonyl-1,2,3-triazole: synthesis of cyclopropa[cd]indole and benzofuran derivatives. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2884-2891.	4.5	19
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1176	Alkyne-Azide Click Polymerization Catalyzed by Magnetically Recyclable Fe ₃ O ₄ /SiO ₂ /Cu ₂ O Nanoparticles. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900064.	2.2	5
1177	Interfacial Junctions Control Electrolyte Transport through Charge-Patterned Membranes. <i>ACS Nano</i> , 2019, 13, 7655-7664.	14.6	13
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1183	Synthesis, characterization, and comparison of two new copper(II) complexes containing Schiff-base and diazo ligands as new catalysts in CuAAC reaction. Inorganica Chimica Acta, 2019, 492, 213-220.	2.4	16
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1193	Supramolecular topology design of silver(α) and copper(α) coordination polymers through a new semi-rigid sulfonyl ligand with different anion templates. Dalton Transactions, 2019, 48, 6730-6737.	3.3	7
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1195	Additive Effects on Copper- α -Catalyzed Tandem Reactions. Asian Journal of Organic Chemistry, 2019, 8, 755-766.	2.7	8
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1199	Rhodium(II)-Catalyzed Intramolecular Transannulation of 4-Methoxycyclohexa-2,5-dienone Tethered 1-Sulfonyl-1,2,3-triazoles: Synthesis of Azaspiro[5.5]undecane Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3430-3435.	4.3	14
1200	Evaluation of dicopper azacryptand complexes in aqueous CuAAC reactions and their tolerance toward biological thiols. <i>Dalton Transactions</i> , 2019, 48, 9751-9758.	3.3	9
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1203	Click chemistry-assisted antibodies immobilization for immunosensing of CXCL7 chemokine in serum. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 246-253.	3.8	16
1204	Site-selective nitrenoid insertions utilizing postfunctionalized bifunctional rhodium(II) catalysts. <i>Chemical Science</i> , 2019, 10, 3324-3329.	7.4	26
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1206	Expedient synthesis of a symmetric cycloheptyne- $\text{Co}_2(\text{CO})_6$ complex for orthogonal Huisgen cycloadditions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1114-1117.	4.5	4
1207	A facile preparation of functional cycloalkynes via an azide-to-cycloalkyne switching approach. <i>Chemical Communications</i> , 2019, 55, 3556-3559.	4.1	16
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1210	Development of Chemical Biology Tools Focusing on Peptide/Amide Bond Cleavage Reaction. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 1171-1178.	1.3	5
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1212	Copper(II) accelerated azide-alkyne cycloaddition reaction using mercaptopyridine-based triazole ligands. <i>New Journal of Chemistry</i> , 2019, 43, 16538-16545.	2.8	11
1213	The azide-alkyne cycloaddition catalysed by transition metal oxide nanoparticles. <i>New Journal of Chemistry</i> , 2019, 43, 18049-18061.	2.8	3
1214	Cu-NHC azide complex: synthesis and reactivity. <i>Chemical Communications</i> , 2019, 55, 12068-12071.	4.1	9
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1217	Lectin PLL3, a Novel Monomeric Member of the Seven-Bladed Î²-Propeller Lectin Family. <i>Molecules</i> , 2019, 24, 4540.	3.8	2
1218	Cap control: cyclic <i>versus</i> linear oligomerisation in covalent template-directed synthesis. <i>RSC Advances</i> , 2019, 9, 29566-29569.	3.6	10
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1221	Iridiumâ€Catalyzed Hydroxylâ€Enabled Cycloaddition of Azides and Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 989-994.	4.3	31
1222	Direct synthesis of tetrazine functionalities on polymer backbones. <i>Journal of Polymer Science Part A</i> , 2019, 57, 673-680.	2.3	14
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1225	Nickel cobaltite nanoparticles: preparation, characterization, and catalytic activity. <i>Ionics</i> , 2019, 25, 2887-2892.	2.4	0
1226	ZINClick v.18: Expanding Chemical Space of 1,2,3-Triazoles. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1697-1702.	5.4	7
1227	Rhodium(I)â€Catalyzed Regioselective Azideâ€Internal Alkynyl Trifluoromethyl Sulfide Cycloaddition and Azideâ€Internal Thioalkyne Cycloaddition under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 469-475.	4.3	31
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1229	Bimetallic Nanocatalysts in Glycerol for Applications in Controlled Synthesis. A Structureâ€Reactivity Relationship Study. <i>ACS Applied Nano Materials</i> , 2019, 2, 1033-1044.	5.0	18
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1236	Mechanistic Study in Click Reactions by Using (<i>N</i>-Heterocyclic carbene)Copper(I) Complexes: Anionic Effects. <i>Organometallics</i> , 2019, 38, 223-230.	2.3	20
1237	Copper-catalyzed decarboxylation/cycloaddition cascade of alkynyl carboxylic acids with azide. <i>Tetrahedron</i> , 2019, 75, 253-259.	1.9	16
1238	Targeting Base Excision Repair Glycosylases with DNA Containing Transition State Mimics Prepared via Click Chemistry. <i>ACS Chemical Biology</i> , 2019, 14, 27-36.	3.4	2
1239	The CuAAC: Principles, Homogeneous and Heterogeneous Catalysts, and Novel Developments and Applications. <i>Macromolecular Rapid Communications</i> , 2020, 41, e1900359.	3.9	146
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1247	Assembly of Molecular Building Blocks into Integrated Complex Functional Molecular Systems: Structuring Matter Made to Order. <i>Advanced Functional Materials</i> , 2020, 30, 1907625.	14.9	34
1248	Photoredox Oxo-C(sp ³)-H Bond Functionalization via in Situ Cu(I)-Acetylide Catalysis. <i>Organic Letters</i> , 2020, 22, 832-836.	4.6	27
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1255	Three thiacalix[4]arene-based Cu(scp) coordination polymers: catalytic activities for azide-alkyne cycloaddition reactions and luminescence properties. <i>Dalton Transactions</i> , 2020, 49, 3715-3722.	3.3	6
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1257	Core-shell PdCu bimetallic colloidal nanoparticles in Sonogashira cross-coupling reaction: mechanistic insights into the catalyst mode of action. <i>Nanoscale</i> , 2020, 12, 1171-1179.	5.6	18
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1353	Seven-Step Synthesis of All-Nitrogenated Sugar Derivatives Using Sequential Overman Rearrangements. <i>Angewandte Chemie</i> , 2021, 133, 5253-5258.	2.0	0
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