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The growing impact of click chemistry on drug discovery

DOI: 10.1016/s1359-6446(03)02933-7
Drug Discovery Today, 2003, 8, 1128-37.

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2343	Development of bivalent acetylcholinesterase inhibitors as potential therapeutic drugs for Alzheimer's disease. 2004 , 10, 3141-56		70
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2341	Chemical remodelling of cell surfaces in living animals. 2004 , 430, 873-7		608
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2339	Target driven chemistry in drug discovery. <i>Drug Discovery Today</i> , 2004 , 9, 348-9	8.8	6
2338	A microwave-assisted click chemistry synthesis of 1,4-disubstituted 1,2,3-triazoles via a copper(I)-catalyzed three-component reaction. 2004 , 6, 4223-5		498
2337	A fluorogenic probe for the copper(I)-catalyzed azide-alkyne ligation reaction: modulation of the fluorescence emission via 3(n,pi)-1(pi,pi) inversion. 2004 , 126, 8862-3		295
2336	FRET induced by an allosteric cycloaddition reaction regulated with exogenous inhibitor and effectors. 2004 , 60, 7267-7275		44
2335	Click chemistry in materials synthesis. 1. Adhesive polymers from copper-catalyzed azide-alkyne cycloaddition. 2004 , 42, 4392-4403		369
2334	Acetylenes in Catalysis: Enantioselective Additions to Carbonyl Groups and Imines and Applications Beyond. 2004 , 2004, 4095-4105		260
2333	Sulfonic Acid Libraries Attained Through Opening of 2-Sulfobenzoic Acid Anhydride. 2004 , 2004, 4596-4605		11
2332	Click chemistry on solid support: synthesis of a new REM resin and application for the preparation of tertiary amines. 2004 , 60, 8699-8702		47
2331	Making drugs on proteins: site-directed ligand discovery for fragment-based lead assembly. 2004 , 8, 399-406		65
2330	A fluorogenic 1,3-dipolar cycloaddition reaction of 3-azidocoumarins and acetylenes. 2004 , 6, 4603-6		580
2329	Combining Biginelli multicomponent and click chemistry: generation of 6-(1,2,3-triazol-1-yl)-dihydropyrimidone libraries. 2004 , 6, 884-92		122
2328	Synthesis and antibacterial activity of new N-linked 5-triazolymethyl oxazolidinones. 2005 , 13, 4113-23		36

2327	Synthesis of hemicyanine dyes for click bioconjugation. 2005 , 46, 1691-1695	53
2326	One-pot synthesis of triazole-linked glycoconjugates. 2005 , 46, 2331-2336	140
2325	Expedient synthesis of 1,2,3-triazole-fused tetracyclic compounds by intramolecular Huisgen (click) reactions on carbohydrate-derived azido-alkynes. 2005 , 46, 4585-4588	73
2324	Kinetic resolution by copper-catalyzed azide-alkyne cycloaddition. 2005 , 46, 4543-4546	105
2323	Synthesis of adenosine-based fluorosides containing a novel heterocyclic ring system. 2005 , 46, 6745-6748	23
2322	Indium(III) triflate catalyzed tandem azidation/1,3-dipolar cycloaddition reaction of dialkoxyalkyne derivatives with trimethylsilyl azide. 2005 , 46, 8639-8643	46
2321	An efficient and improved procedure for preparation of triflyl azide and application in catalytic diazotransfer reaction. 2005 , 46, 8993-8995	68
2320	Design of dantrolene-derived probes for radioisotope-free photoaffinity labeling of proteins involved in the physiological Ca ²⁺ release from sarcoplasmic reticulum of skeletal muscle. 2005 , 15, 1289-94	43
2319	Copper(I)-catalyzed synthesis of azoles. DFT study predicts unprecedented reactivity and intermediates. 2005 , 127, 210-6	1311
2318	Chemistry in living systems. 2005 , 1, 13-21	1132
2317	Structural insights into conformational flexibility at the peripheral site and within the active center gorge of AChE. 2005 , 157-158, 159-65	28
2316	Theoretical insights into the mechanism of acetylcholinesterase-catalyzed acylation of acetylcholine. 2005 , 26, 606-11	23
2315	Activation Energies and Reaction Energetics for 1,3-Dipolar Cycloadditions of Hydrazoic Acid with C=C and C=N Multiple Bonds from High-Accuracy and Density Functional Quantum Mechanical Calculations. 2005 , 88, 1702-1710	28
2314	Mechanism of the ligand-free CuI-catalyzed azide-alkyne cycloaddition reaction. 2005 , 44, 2210-5	485
2313	Mild and chemoselective peptide-bond cleavage of peptides and proteins at azido homoalanine. 2005 , 44, 7946-50	25
2312	Mechanism of the Ligand-Free CuI-Catalyzed Azide-Alkyne Cycloaddition Reaction. 2005 , 117, 2250-2255	139
2311	Mild and Chemoselective Peptide-Bond Cleavage of Peptides and Proteins at Azido Homoalanine. 2005 , 117, 8160-8164	7
2310	Click Chemistry: Copper Clusters Catalyse the Cycloaddition of Azides with Terminal Alkynes. 2005 , 347, 811-815	242

2309	Annonaceous acetogenins: the hydroxyl groups and THF rings are crucial structural elements for targeting the mitochondria, demonstration with the synthesis of fluorescent squamocin analogues. 2005 , 6, 979-82	39
2308	'Sweetening' natural products via glycorandomization. 2005 , 16, 622-30	149
2307	Program and abstracts for the 2005 meeting of the society for Glycobiology. 2005 , 15, 1165-1255	0
2306	Combinatorial Chemistry in the Drug Discovery Process. 2005 , 961-1011	
2305	Diruthenium π -Alkynyl Compounds: A New Class of Conjugated Organometallics. 2005 , 24, 4854-4870	265
2304	Cobalt-catalyzed hydroazidation of olefins: convenient access to alkyl azides. 2005 , 127, 8294-5	195
2303	Modular synthesis of block copolymers via cycloaddition of terminal azide and alkyne functionalized polymers. 2005 , 57-9	448
2302	A short route for the synthesis of "sweet" macrocycles via a click-dimerization-ring-closing metathesis approach. 2005 , 2852-4	54
2301	Biosynthesis of conjugatable saccharidic moieties of GM2 and GM3 gangliosides by engineered E. coli. 2005 , 2558-60	38
2300	Cu(II)-aza(bisoxazoline)-catalyzed asymmetric benzoylations. 2005 , 7, 2325-8	121
2299	Selective Ligand Modification on the Periphery of Diruthenium Compounds: Toward New Metal-Alkynyl Scaffolds. 2005 , 24, 2660-2669	36
2298	The progress and promise of molecular imaging probes in oncologic drug development. 2005 , 11, 7967-85	194
2297	Click to fit: versatile polyvalent display on a peptidomimetic scaffold. 2005 , 7, 1951-4	87
2296	Ruthenium-catalyzed cycloaddition of alkynes and organic azides. 2005 , 127, 15998-9	865
2295	Chapter 11 Filtering in Drug Discovery. 2005 , 1, 155-168	29
2294	Application of bis-acetylenic ketones in synthesis: one-pot preparation of the 1,2,4-triazepine and oxatriazaindenone cores. 2005 , 70, 3307-8	17
2293	Click-chemistry as an efficient synthetic tool for the preparation of novel conjugated polymers. 2005 , 4333-5	208
2292	Functionalization of Micelles and Shell Cross-linked Nanoparticles Using Click Chemistry. 2005 , 17, 5976-5988	234

2291	One-pot tandem living radical polymerisation-Huisgens cycloaddition process ("click") catalysed by N-alkyl-2-pyridylmethanimine/Cu(I)Br complexes. 2005 , 2089-91	183
2290	Unprecedented selectivity in the formation of large-ring oligoimines from conformationally bistable chiral diamines. 2006 , 8, 2921-4	24
2289	Targeted liposomes: convenient coupling of ligands to preformed vesicles using "click chemistry". 2006 , 17, 849-54	122
2288	Hydrazines and azides via the metal-catalyzed hydrohydrazination and hydroazidation of olefins. 2006 , 128, 11693-712	312
2287	Chemical variation of natural product-like scaffolds: design and synthesis of spiroketal derivatives. 2006 , 4, 1977-2002	85
2286	"Click" synthesis of small molecule probes for activity-based fingerprinting of matrix metalloproteases. 2006 , 3783-5	32
2285	Advances in cycloaddition polymerizations. 2006 , 35, 280-312	125
2284	Looking forward: a glance into the future of organic chemistry. 2006 , 30, 823-831	9
2283	In situ click chemistry: a powerful means for lead discovery. 2006 , 1, 525-38	144
2282	First synthesis of 1,2,3-triazolo-linked (1,6)-alpha-D-oligomannoses (triazolomannoses) by iterative Cu(I)-catalyzed alkyne-azide cycloaddition. 2006 , 4, 3225-7	49
2281	Chemical genetics. 2006 , 106, 2476-530	282
2280	"Clickphine": a novel and highly versatile P,N ligand class via click chemistry. 2006 , 8, 3227-30	142
2279	Heterogeneous diazo-transfer reaction: a facile unmasking of azide groups on amine-functionalized insoluble supports for solid-phase synthesis. 2006 , 71, 9791-6	30
2278	A convergent synthesis of new beta-turn mimics by click chemistry. 2006 , 3069-71	88
2277	Microtiter plate based chemistry and in situ screening: a useful approach for rapid inhibitor discovery. 2006 , 4, 1446-57	58
2276	Clickity-click: highly functionalized peptoid oligomers generated by sequential conjugation reactions on solid-phase support. 2006 , 4, 1497-502	83
2275	Light harvesting and efficient energy transfer in a boron-dipyrrin (BODIPY) functionalized perylenediimide derivative. 2006 , 8, 2871-3	169
2274	Rapid assembly of matrix metalloprotease inhibitors using click chemistry. 2006 , 8, 3821-4	44

2273	Rapid assembly and in situ screening of bidentate inhibitors of protein tyrosine phosphatases. 2006 , 8, 713-6	105
2272	Medicinal chemistry of combretastatin A4: present and future directions. 2006 , 49, 3033-44	516
2271	Click chemistry as a route to cyclic tetrapeptide analogues: synthesis of cyclo-[Pro-Val-psi(triazole)-Pro-Tyr]. 2006 , 8, 919-22	165
2270	Click Chemistry with Poly(2-oxazoline)s. 2006 , 39, 3509-3516	157
2269	Reusable polymer-supported catalyst for the [3+2] Huisgen cycloaddition in automation protocols. 2006 , 8, 1689-92	259
2268	Assembly of ultrathin polymer multilayer films by click chemistry. 2006 , 128, 9318-9	337
2267	Microwave-enhanced synthesis of new (-)-steganacin and (-)-steganone aza analogues. 2006 , 8, 487-90	47
2266	Triazole Cycloaddition as a General Route for Functionalization of Au Nanoparticles. 2006 , 18, 2327-2334	151
2265	Molecular imaging in cancer. 2006 , 312, 1168-71	878
2264	. 2006 ,	56
2263	. 2006 ,	334
2262	Clickable Nanoparticles for Targeted Imaging. 2006 , 5, 7290.2006.00013	50
2261	Small Molecule Microarrays: Applications Using Specially Tagged Chemical Libraries. 2006 , 25, 1009-1019	10
2260	Solid-phase synthesis of C-terminally modified peptides. 2006 , 12, 686-92	28
2259	Protein ligation: an enabling technology for the biophysical analysis of proteins. 2006 , 3, 429-38	335
2258	Syntheses of triazole-modified zanamivir analogues via click chemistry and anti-AIV activities. 2006 , 16, 5009-13	96
2257	N-glycoside neoglycotrimers from 2,3,4,6-tetra-O-acetyl-beta-D-glucopyranosyl azide. 2006 , 341, 1081-90	31
2256	Redesign of a central enzyme in alkaloid biosynthesis. 2006 , 13, 1137-41	65

2255	Syntheses and biological activity of bisdaunorubicins. 2006 , 14, 426-34	20
2254	Synthesis of Fröhét type dendritic benzyl propargyl ether and Fröhét type triazole dendrimer. 2006 , 62, 894-900	82
2253	Analogues of cytotoxic squamocin using reliable reactions: new insights into the reactivity and role of the β , γ -unsaturated lactone of the annonaceous acetogenins. 2006 , 62, 6248-6257	15
2252	Triazolo peptides: chiro specific synthesis and cis/trans prolyl ratios of structural isomers. 2006 , 62, 8919-8927	41
2251	Nitrile biotransformations for the practical synthesis of highly enantiopure azido carboxylic acids and amides, click to functionalized chiral triazoles and chiral amino acids. 2006 , 17, 2366-2376	19
2250	Microwave-assisted synthesis of ethynylarylboronates for the construction of boronic acid-based fluorescent sensors for carbohydrates. 2006 , 47, 2331-2335	28
2249	Cu(I)-Catalyzed cycloaddition of constrained azido-alkynes: access to 12- to 17-membered monomeric triazolophanes incorporating furanoside rings. 2006 , 47, 2775-2778	33
2248	Click for PET: rapid preparation of [18 F]fluoropeptides using CuI catalyzed 1,3-dipolar cycloaddition. 2006 , 47, 6681-6684	187
2247	Highly efficient immobilization of Cinchona alkaloid derivatives to silica gel via click chemistry. 2006 , 47, 8721-8726	101
2246	Click chemistry: a new facile and efficient strategy for preparation of functionalized HPLC packings. 2006 , 4512-4	98
2245	Revisiting nucleophilic substitution reactions: microwave-assisted synthesis of azides, thiocyanates, and sulfones in an aqueous medium. 2006 , 71, 6697-700	156
2244	Chemoselective formation of successive triazole linkages in one pot: "click-click" chemistry. 2006 , 8, 4505-7	202
2243	Synthesis of 2-alkoxy-8-hydroxyadenylpeptides: towards synthetic epitope-based vaccines. 2006 , 16, 3258-61	23
2242	Application of azide-alkyne cycloaddition 'click chemistry' for the synthesis of Grb2 SH2 domain-binding macrocycles. 2006 , 16, 5265-9	39
2241	Emerging chemical and biological approaches for the preparation of discovery libraries. <i>Drug Discovery Today</i> , 2006 , 11, 143-8	8.8 24
2240	Fluorogenic 1,3-dipolar cycloaddition within the hydrophobic core of a shell cross-linked nanoparticle. 2006 , 12, 6776-86	134
2239	(NHC)Copper(I)-catalyzed [3+2] cycloaddition of azides and mono- or disubstituted alkynes. 2006 , 12, 7558-64	315
2238	Reactivity of intein thioesters: appending a functional group to a protein. 2006 , 7, 1375-83	55

2237	Incorporation of unnatural amino acids into cytochrome c3 and specific viologen binding to the unnatural amino acid. 2006 , 7, 1853-5	11
2236	Reactive polymer coatings that "Click". 2006 , 45, 3360-3	160
2235	Site-specific protein modification through Cu(I)-catalyzed 1,2,3-triazole formation and its implementation in protein microarray fabrication. 2006 , 45, 4286-90	153
2234	CuI-Catalyzed Alkyne-Azide "Click" Cycloadditions from a Mechanistic and Synthetic Perspective. 2006 , 2006, 51-68	1259
2233	Chromophore-Supported Purification in Parallel Synthesis. 2006 , 2006, 1103-1108	18
2232	Click chemistry on azidoproline: high-affinity dual antagonist for HIV-1 envelope glycoprotein gp120. 2006 , 1, 54-7	52
2231	Click Chemistry with Polysaccharides. 2006 , 27, 208-213	172
2230	Epoxides and Aziridines in Click Chemistry. 2006 , 443-477	13
2229	Click Chemistry for Drug Discovery. 2006 , 311-339	4
2228	Reaktive Polymere, die "klicken" 2006 , 118, 3438-3441	18
2227	Site-Specific Protein Modification through CuI-Catalyzed 1,2,3-Triazole Formation and Its Implementation in Protein Microarray Fabrication. 2006 , 118, 4392-4396	40
2226	Synthesis of Glyco-Silicas by Cu(I)-Catalyzed "Click-Chemistry" and their Applications in Affinity Chromatography. 2006 , 348, 2410-2420	83
2225	Conceptual, Qualitative, and Quantitative Theories of 1,3-Dipolar and Diels-Alder Cycloadditions Used in Synthesis. 2006 , 348, 2337-2361	259
2224	Expedient Immobilization of TEMPO by Copper-Catalyzed Azide-Alkyne [3+2]-Cycloaddition onto Polystyrene Resin. 2006 , 348, 1016-1020	106
2223	Glycoproteomic probes for fluorescent imaging of fucosylated glycans in vivo. 2006 , 103, 12371-6	363
2222	Synthesis and Biological Evaluation of 5'-Triazole Nucleosides. 2006 , 53, 1547-1555	11
2221	Study of different copper (I) catalysts for the "click chemistry" approach to carbanucleosides. 2007 , 26, 779-83	12
2220	Application of Multivalent Mannosylated Dendrimers in Glycobiology. 2007 , 821-870	10

2219	Soluble polymer-based isotopic labeling (SoPIL): a new strategy to discover protein biomarkers?. 2007 , 4, 603-7	2
2218	Blueprint for imaging in biomedical research. 2007 , 244, 12-27	21
2217	Synthesis of Heterocycles from Glycosylamines and Glycosyl Azides. 2007 , 31-66	5
2216	Efficient Synthesis of Fused 1,2,3-Triazolo-lactams Using Huisgen [3 + 2] Dipolar Cycloaddition Click-chemistry In Water. 2007 , 36, 592-593	22
2215	Synthesis of Novel Coumarin-Based Fluorescent Probes. 2007 , 72, 996-1004	6
2214	Synthesis of Amide-Substituted Isoxazoles and Pyrazoles via Regioselective [3+2] Cycloadditions of Terminally Unsubstituted Ynamides. 2007 , 74, 553	28
2213	Quick assembly of 1,4-diphenyltriazoles as probes targeting beta-amyloid aggregates in Alzheimer's disease. 2007 , 50, 3380-7	51
2212	Synthesis of Functional Derivatives of 7,8-Dicarba-nido-undecaborate Anion by Ring-Opening of Its Cyclic Oxonium Derivatives. 2007 , 72, 1676-1688	38
2211	Click multivalent neoglycoconjugates as synthetic activators in cell adhesion and stimulation of monocyte/macrophage cell lines. 2007 , 5, 2291-301	73
2210	Phosphatidylcholine-derived bolaamphiphiles via click chemistry. 2007 , 9, 199-202	53
2209	Functionalization of acetylene-terminated monolayers on Si(100) surfaces: a click chemistry approach. 2007 , 23, 9320-9	241
2208	Recent applications of the Cu(I)-catalysed Huisgen azide-alkyne 1,3-dipolar cycloaddition reaction in carbohydrate chemistry. 2007 , 5, 1006-17	219
2207	Synthesis of bitriazolyl nucleosides and unexpectedly different reactivity of azidotriazole nucleoside isomers in the Huisgen reaction. 2007 , 5, 1695-701	59
2206	1,2,3-Triazoles as peptide bond isosteres: synthesis and biological evaluation of cyclotetrapeptide mimics. 2007 , 5, 971-5	236
2205	Tagged phosphine reagents to assist reaction work-up by phase-switched scavenging using a modular flow reactor. 2007 , 5, 1562-8	55
2204	Novel template-assembled oligosaccharide clusters as epitope mimics for HIV-neutralizing antibody 2G12. Design, synthesis, and antibody binding study. 2007 , 5, 1529-40	107
2203	Synthesis and spectral properties of cholesterol- and FTY720-containing boron dipyrromethene dyes. 2007 , 72, 8376-82	82
2202	Chemoselective derivatization of alkaloids in periwinkle. 2007 , 3249-51	19

2201	Silica Sulfuric Acid: An Efficient and Versatile Acidic Catalyst for the Rapid and Ecofriendly Synthesis of 1,3,4-Oxadiazoles at Ambient Temperature. 2007 , 37, 1201-1209	31
2200	Synthesis of symmetrical and unsymmetrical PAMAM dendrimers by fusion between azide- and alkyne-functionalized PAMAM dendrons. 2007 , 18, 579-84	56
2199	Casting a new light on azide photochemistry: photolytic production of cyclic-N ₃ . 2007 , 9, 3054-66	26
2198	Multivalent polymer vesicles via surface functionalization. 2007 , 5217-9	57
2197	3-Azidodifluoromethyl-3H-diazirin-3-yl group as an all-in-one functional group for radioisotope-free photoaffinity labeling. 2007 , 5, 2916-9	31
2196	A metal-complex-tolerant CuAAC 'click' protocol exemplified through the preparation of homo- and mixed-metal-coordinated [2]rotaxanes. 2007 , 4218-20	42
2195	Solid-phase based synthesis of jasplakinolide analogs by intramolecular azide-alkyne cycloadditions. 2007 , 3942-4	36
2194	A novel quantitative proteomics reagent based on soluble nanopolymers. 2007 , 1251-3	20
2193	A Modular Click Approach to Glycosylated Polymeric Beads: Design, Synthesis and Preliminary Lectin Recognition Studies. 2007 , 40, 7513-7520	86
2192	A versatile annulation protocol toward novel constrained phosphinic peptidomimetics. 2007 , 72, 7222-8	32
2191	A general strategy for ligation of organic and biological molecules to Dawson and Keggin polyoxotungstates. 2007 , 9, 3981-4	80
2190	Fit to be tied: conformation-directed macrocyclization of peptoid foldamers. 2007 , 9, 3275-8	84
2189	A small molecule microarray platform to select RNA internal loop-ligand interactions. 2007 , 2, 745-54	102
2188	Phosphoryl azides as versatile new reaction partners in the Cu-catalyzed three-component couplings. 2007 , 72, 9769-71	55
2187	Heterocycle synthesis by copper facilitated addition of heteroatoms to alkenes, alkynes and arenes. 2007 , 36, 1153-60	277
2186	Functionalized bis(thiosemicarbazonato) complexes of zinc and copper: synthetic platforms toward site-specific radiopharmaceuticals. 2007 , 46, 465-85	123
2185	Reactions of nitroso hetero-Diels-Alder cycloadducts with azides: stereoselective formation of triazolines and aziridines. 2007 , 72, 3929-32	40
2184	Click imaging of biochemical processes in living systems. 2007 , 2, 775-8	45

2183	Combination of Ring-Opening Polymerization and "Click Chemistry" Toward Functionalization and Grafting of Poly(ϵ -caprolactone). 2007 , 40, 796-803	224
2182	Clicking polymers: a straightforward approach to novel macromolecular architectures. 2007 , 36, 1369-80	696
2181	Ultrathin, responsive polymer click capsules. 2007 , 7, 1706-10	185
2180	Azide-Alkyne 1,3-Dipolar Cycloadditions: a Valuable Tool in Carbohydrate Chemistry. 2007 , 133-177	57
2179	Biotinylated anisomycin: a comparison of classical and "click" chemistry approaches. 2007 , 18, 1593-603	15
2178	Efficient synthesis of linear multifunctional poly(ethylene glycol) by copper(I)-catalyzed Huisgen 1,3-dipolar cycloaddition. 2007 , 8, 2653-8	81
2177	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. 2007 , 5, 1559-61	116
2176	2'-deoxyadenosine bearing hydrophobic carborane pharmacophore. 2007 , 26, 1611-3	29
2175	Transfer printing of DNA by "click" chemistry. 2007 , 8, 1997-2002	96
2174	Synthesis of 5-(1,2,3-triazol-4-yl)-2'-deoxyuridines by a click chemistry approach: stacking of triazoles in the major groove gives increased nucleic acid duplex stability. 2007 , 8, 2106-16	75
2173	Chemoselective labeling of engineered fucosylated glycoproteins. 2007 , 8, 1763-5	7
2172	Multifunctional "clickates" as versatile extended heteroaromatic building blocks: efficient synthesis via click chemistry, conformational preferences, and metal coordination. 2007 , 13, 9834-40	230
2171	Copper-catalyzed synthesis of N-sulfonyl-1,2,3-triazoles: controlling selectivity. 2007 , 46, 1730-3	267
2170	Cu ₂ (OTf) ₂ -catalyzed and microwave-controlled preparation of tetrazoles from nitriles and organic azides under mild, safe conditions. 2007 , 46, 3926-30	93
2169	The 1,2,3-triazole ring as a peptido- and olefinomimetic element: discovery of click vanilloids and cannabinoids. 2007 , 46, 9312-5	57
2168	Copper-Catalyzed Synthesis of N-Sulfonyl-1,2,3-triazoles: Controlling Selectivity. 2007 , 119, 1760-1763	64
2167	Cu ₂ (OTf) ₂ -Catalyzed and Microwave-Controlled Preparation of Tetrazoles from Nitriles and Organic Azides under Mild, Safe Conditions. 2007 , 119, 4000-4004	21
2166	The 1,2,3-Triazole Ring as a Peptido- and Olefinomimetic Element: Discovery of Click Vanilloids and Cannabinoids. 2007 , 119, 9472-9475	22

2165	Polymer-Bound Pyridine-Bis(oxazoline). Preparation through Click Chemistry and Evaluation in Asymmetric Catalysis. 2007 , 349, 2079-2084	40
2164	Synthesis of Lanthanide(III) Chelates by Using Click Chemistry. 2007 , 90, 607-615	12
2163	A Novel Domino-Click Approach to Unsymmetrical Bis-1H-1,2,3-triazoles. 2007 , 90, 2368-2374	3
2162	A Simple Procedure for Connecting Two Carbohydrate Moieties by Click Chemistry Techniques. 2007 , 2007, 1160-1167	31
2161	Synthesis and Versatile Reactions of Azidotetraarylporphyrins. 2007 , 2007, 1419-1422	47
2160	Estrogenic analogues synthesized by click chemistry. 2007 , 2, 437-40	30
2159	Nanomolar competitive inhibitors of Mycobacterium tuberculosis and Streptomyces coelicolor type II dehydroquinase. 2007 , 2, 194-207	24
2158	Fragment-based synthesis and SAR of modified FKBP ligands: influence of different linking on binding affinity. 2007 , 2, 1054-70	22
2157	Click Chemistry in Polymer and Materials Science. 2007 , 28, 15-54	1386
2156	Living Radical Polymerization as a Tool for the Synthesis of Polymer-Protein/Peptide Bioconjugates. 2007 , 28, 1083-1111	290
2155	Synthesis of 1,4-disubstituted 1,2,3-triazoles via a three-component reaction in water in the presence of CuX (X = Cl, I). 2007 , 44, 89-92	27
2154	Synthesis of coumarin nucleoside conjugates via Huisgen 1,3-dipolar cycloaddition. 2007 , 63, 312-320	45
2153	Addressing the scope of the azide nitrile cycloaddition in glycoconjugate chemistry. The assembly of C-glycoclusters on a calix[4]arene scaffold through tetrazole spacers. 2007 , 63, 6339-6345	27
2152	An inexpensive fluorescent labeling protocol for bioactive natural products utilizing Cu(I)-catalyzed Huisgen reaction. 2007 , 63, 6813-6821	12
2151	1-Protected 5-amido 1,2,3-triazoles via ruthenium-catalyzed [3+2] cycloaddition of azides and yniamides. 2007 , 63, 8094-8098	62
2150	Ethoxyethylidene protecting group prevents N-overacylation in aminoxy peptide synthesis. 2007 , 63, 11952-11958	32
2149	Synthesis of enantiomerically pure β -[4-(1-substituted)-1,2,3-triazol-4-yl]-benzylacetamides via microwave-assisted click chemistry: towards new potential antimicrobial agents. 2007 , 18, 1345-1350	15
2148	Synthesis of new tetrazole and triazole substituted pyroglutamic acid and proline derivatives. 2007 , 48, 805-808	16

- 2147 Photovoltaic properties of new cyanine–phthalimide dyads synthesized by click chemistry. **2007**, 48, 2461-2465 65
- 2146 Copper-catalyzed synthesis of aryl azides and 1-aryl-1,2,3-triazoles from boronic acids. **2007**, 48, 3525-3529 190
- 2145 Sequential ring-opening of trans-1,4-cyclohexadiene dioxide for an expedient modular approach to 6,7-disubstituted (–)-hexahydro-benzo[1,4]oxazin-3-ones. **2007**, 48, 5497-5501 14
- 2144 Acceleration of Cu(I)-mediated Huisgen 1,3-dipolar cycloaddition by histidine derivatives. **2007**, 48, 6475-6479 51
- 2143 A diastereoselective synthesis of 4-azidotetrahydropyrans via the Prins-cyclization. **2007**, 48, 7155-7159 48
- 2142 Synthesis of new trifluoromethyl peptidomimetics with a triazole moiety. **2007**, 48, 8360-8362 26
- 2141 Three component, regioselective, one-pot synthesis of β -hydroxytriazoles from epoxides via click reactions. **2007**, 48, 8773-8776 65
- 2140 Mimetics of the tri- and tetrasaccharide epitope of GQ1b α as myelin-associated glycoprotein (MAG) ligands. **2007**, 15, 7459-69 16
- 2139 Replacement of the lactone moiety on podophyllotoxin and steganacin analogues with a 1,5-disubstituted 1,2,3-triazole via ruthenium-catalyzed click chemistry. **2007**, 15, 6748-57 63
- 2138 Direct diazo-transfer reaction on beta-lactam: synthesis and preliminary biological activities of 6-triazolylpenicillanic acids. **2007**, 15, 7288-300 18
- 2137 Click chemistry based solid phase supported synthesis of dopaminergic phenylacetylenes. **2007**, 15, 7248-57 18
- 2136 Design and synthesis of beta-methoxyacrylate analogues via click chemistry and biological evaluations. **2007**, 17, 1979-83 33
- 2135 1,2,3-Triazolylalkylribitol derivatives as nucleoside hydrolase inhibitors. **2007**, 17, 2523-6 16
- 2134 Synthesis of soluble multivalent glycoconjugates that target the Hc region of botulinum neurotoxin A. **2007**, 17, 2459-64 24
- 2133 Design, synthesis, and preliminary biological evaluation of a novel triazole analogue of ceramide. **2007**, 17, 4584-7 36
- 2132 Design and synthesis via click chemistry of 8,9-anhydroerythromycin A 6,9-hemiketal analogues with anti-MRSA and -VRE activity. **2007**, 17, 6340-4 31
- 2131 Catalysis of imido group hydrolysis in a maleimide conjugate. **2007**, 17, 6286-9 67
- 2130 A click chemistry approach to glycomimetics: Michael addition of 2,3,4,6-tetra-O-acetyl-1-thio-beta-D-glucopyranose to 4-deoxy-1,2-O-isopropylidene-L-glycero-pent-4-enopyranos-3-ulose—a convenient route to novel 4-deoxy-(1 \rightarrow 5)-5-C-thiodisaccharides. **2007**, 342, 1829-33 35

2129	A two stage click-based library of protein tyrosine phosphatase inhibitors. 2007 , 15, 458-73	88
2128	Study of high glass transition temperature thermosets made from the copper(I)-catalyzed azide-alkyne cycloaddition reaction. 2007 , 48, 239-244	35
2127	Click Chemistry as a High-Throughput Amenable Platform in Catalomics. 2007 , 26, 1135-1144	21
2126	Optimization of Click Chemistry Using Azide and Alkyne Scavenger Resins. 2007 , 26, 1145-1150	17
2125	Peptoids on Steroids: Precise Multivalent Estradiol Peptidomimetic Conjugates Generated via Azide-alkyne [3+2] Cycloaddition Reactions. 2007 , 26, 1175-1180	32
2124	From (bio)Molecules to Biohybrid Materials with the Click Chemistry Approach. 2007 , 26, 1200-1210	59
2123	Bioorthogonal Click Chemistry: Covalent Labeling in Living Systems. 2007 , 26, 1211-1219	246
2122	Probing Glycans With the Copper(I)-Catalyzed [3+2] Azide-alkyne Cycloaddition. 2007 , 26, 1243-1252	27
2121	Microwave-Assisted Click Chemistry for the Preparation of 3- and 4-Triazolyl-2(1H)-quinolones as Potential Fluorescent Probes. 2007 , 26, 1261-1265	16
2120	Synthesis and characterization of a novel polytriazole resin with low-temperature curing character. 2007 , 18, 556-561	34
2119	Methods of using click chemistry in the discovery of enzyme inhibitors. 2007 , 2, 2655-64	42
2118	Cancer-specific mutations in phosphatidylinositol 3-kinase. 2007 , 32, 342-9	126
2117	Triazole: the keystone in glycosylated molecular architectures constructed by a click reaction. 2007 , 2, 700-8	217
2116	Synthesis of functionalized bisphosphonates via click chemistry. 2007 , 5, 2361-7	46
2115	Marked small molecule libraries: a truncated approach to molecular probe design. 2007 , 5, 636-43	21
2114	The growing applications of click chemistry. 2007 , 36, 1249-62	1918
2113	Synthesis and application of phosphorus dendrimer immobilized azabis(oxazolines). 2007 , 9, 2895-8	80
2112	The Rise of Azide-alkyne 1,3-Dipolar 'Click' Cycloaddition and its Application to Polymer Science and Surface Modification. 2007 , 60, 384	277

2111	Peptidomimetics via copper-catalyzed azide-alkyne cycloadditions. 2007 , 36, 1674-89	500
2110	Bitriazolyl acyclonucleosides with antiviral activity against tobacco mosaic virus. 2008 , 49, 2804-2809	32
2109	Terminal alkyne-functionalized triazine by Sonogashira coupling: synthesis of a potential cell signalling inhibitor via click chemistry. 2008 , 49, 4542-4545	20
2108	A concise route for the preparation of nucleobase-simplified cADPR mimics by click chemistry. 2008 , 49, 4491-4493	19
2107	Biotin-functional oligo(p-phenylene vinylene)s synthesized using click chemistry. 2008 , 49, 6386-6389	6
2106	Click chemistry, a powerful tool for pharmaceutical sciences. 2008 , 25, 2216-30	549
2105	Supramolecular structures based on dimeric combinations of cyclodextrin and adamantane via click chemistry. 2008 , 62, 197-202	13
2104	Identification of new O-GlcNAc modified proteins using a click-chemistry-based tagging. 2008 , 390, 2089-97	56
2103	Preparation and properties of a new polytriazole resin made from dialkyne and triazide compounds and its composite. 2008 , 60, 457-465	22
2102	Recent advances in chemical proteomics: exploring the post-translational proteome. 2008 , 1, 17-26	29
2101	Expanding the genetic code of <i>Saccharomyces cerevisiae</i> with methionine analogues. 2008 , 25, 775-86	16
2100	A click approach to ROMP block copolymers. 2008 , 46, 2913-2921	52
2099	Click chemistry-assisted triazole-substituted azobenzene and fulgimide units in the pendant-based copoly(decyloxymethacrylate)s for dual-mode optical switches. 2008 , 46, 7843-7860	26
2098	Click chemistry reactions in medicinal chemistry: applications of the 1,3-dipolar cycloaddition between azides and alkynes. 2008 , 28, 278-308	791
2097	Clickable Poly(2-Oxazoline)s as Versatile Building Blocks. 2008 , 209, 1887-1895	98
2096	Direct Generation of Polymer Films on Copper Surfaces through Azide-Alkyne Cycloaddition Reactions between Peptidomimetic Oligomers. 2008 , 29, 1134-1139	6
2095	Click Chemistry in Polymer and Material Science: An Update. 2008 , 29, 952-981	653
2094	Click Chemistry: A Powerful Tool to Create Polymer-Based Macromolecular Chimeras. 2008 , 29, 1073-1089	157

2093	Click Assisted One-Pot Multi-Step Reactions in Polymer Science: Accelerated Synthetic Protocols. 2008 , 29, 998-1015	127
2092	[18F]FPyKYNE, a fluoropyridine-based alkyne reagent designed for the fluorine-18 labelling of macromolecules using click chemistry. 2008 , 51, 336-342	24
2091	Radiosynthesis and bioconjugation of [18F]FPy5yne, a prosthetic group for the 18F labeling of bioactive peptides. 2008 , 51, 444-452	31
2090	Surface modification of tobacco mosaic virus with "click" chemistry. 2008 , 9, 519-23	176
2089	Rapid and efficient DNA strand cross-linking by click chemistry. 2008 , 9, 1280-5	75
2088	Solid-phase organic tagging resins for labeling biomolecules by 1,3-dipolar cycloaddition: application to the synthesis of a fluorescent non-peptidic vasopressin receptor ligand. 2008 , 14, 6247-54	26
2087	Tailored polymer-supported templates in dynamic combinatorial libraries: simultaneous selection, amplification and isolation of synthetic receptors. 2008 , 14, 9006-19	22
2086	"Click chemistry" in zeolites: copper(I) zeolites as new heterogeneous and ligand-free catalysts for the Huisgen [3+2] cycloaddition. 2008 , 14, 6713-21	212
2085	A convergent approach to biocompatible polyglycerol "click" dendrons for the synthesis of modular core-shell architectures and their transport behavior. 2008 , 14, 9202-14	115
2084	"Chemical ligation": a versatile method for nucleoside modification with boron clusters. 2008 , 14, 10675-82	83
2083	Synthesis and antibiofilm activity of a second-generation reverse-amide oroidin library: a structure-activity relationship study. 2008 , 14, 10745-61	74
2082	Synthesis of Four Triazole Compounds and Their Corrosion Inhibitive Effect on Carbon Steel in Hydrochloric Acid Medium. 2008 , 26, 745-750	6
2081	Synthesis and biological evaluation of isosteric analogues of FK866, an inhibitor of NAD salvage. 2008 , 3, 771-9	37
2080	Click chemistry and medicinal chemistry: a case of "cyclo-addiction". 2008 , 3, 715-23	174
2079	Immobilization of cobalt(II) Schiff base complexes on polystyrene resin and a study of their catalytic activity for the aerobic oxidation of alcohols. 2008 , 1, 534-41	40
2078	A novel method based on click chemistry, which overcomes limitations of cell cycle analysis by classical determination of BrdU incorporation, allowing multiplex antibody staining. 2008 , 73, 626-36	72
2077	Synthesis of 1,2,3-Triazole Analogues of Lincomycin. 2008 , 91, 1838-1848	19
2076	Electrophilic S-Trifluoromethylation of Cysteine Side Chains in α - and β -Peptides: Isolation of Trifluoro-methylated Sandostatin β (Octreotide) Derivatives. 2008 , 91, 2035-2056	80

2075	Click Chelators for Platinum-Based Anticancer Drugs. 2008 , 2008, 298-305	89
2074	Backbone Amide Linker Strategy for the Synthesis of 1,4-Triazole-Containing Cyclic Tetra- and Pentapeptides. 2008 , 2008, 2592-2600	25
2073	An Overview of Syntheses of Apogalanthamine Analogues and 7-Aza Derivatives of Steganacin and Steganone. 2008 , 2008, 5867-5886	18
2072	N ^ε -Fmoc-Protected ϵ -Azido- and ϵ -Alkynyl-L-amino Acids as Building Blocks for the Synthesis of Clickable Peptides. 2008 , 2008, 5308-5314	29
2071	Synthesis of Oligosaccharides Related to a Biodynamic Saponin from Calamus Insignis as Their Propargyl Glycosides. 2008 , 2008, 5770-5777	15
2070	Optimization of Click Chemistry of Ferrocene Derivatives on Acetylene-Functionalized Silicon(100) Surfaces. 2008 , 20, 1513-1519	61
2069	Facile synthesis of phosphorylated azides in ionic liquids and their use in the preparation of 1,2,3-triazoles. 2008 , 19, 293-300	31
2068	Towards new antimalarial drugs: synthesis of non-hydrolyzable phosphate mimics as feed for a predictive QSAR study on 1-deoxy-D-xylulose-5-phosphate reductoisomerase inhibitors. 2008 , 5, 643-56	29
2067	Visualizing metabolically labeled glycoconjugates of living cells by copper-free and fast Huisgen cycloadditions. 2008 , 47, 2253-5	759
2066	Pincer click ligands. 2008 , 47, 4555-8	103
2065	Simultaneous copper(I)-catalyzed azide-alkyne cycloaddition (CuAAC) and living radical polymerization. 2008 , 47, 4180-3	138
2064	1,2,3-Triazole CH...Cl(-) contacts guide anion binding and concomitant folding in 1,4-diaryl triazole oligomers. 2008 , 47, 3740-3	248
2063	Chemoselective ligation and modification strategies for peptides and proteins. 2008 , 47, 10030-74	647
2062	Postsynthetic DNA modification through the copper-catalyzed azide-alkyne cycloaddition reaction. 2008 , 47, 8350-8	363
2061	The emergence of thiol-ene coupling as a click process for materials and bioorganic chemistry. 2008 , 47, 8995-7	544
2060	Efficient Synthesis of a Novel Resorcyclide as Anticancer Agent Based on Hsp90 Inhibition. 2008 , 350, 1677-1681	23
2059	Visualizing Metabolically Labeled Glycoconjugates of Living Cells by Copper-Free and Fast Huisgen Cycloadditions. 2008 , 120, 2285-2287	186
2058	Pincer Click Ligands. 2008 , 120, 4631-4634	16

- 2057 Simultaneous Copper(I)-Catalyzed Azide-Alkyne Cycloaddition (CuAAC) and Living Radical Polymerization. **2008**, 120, 4248-4251 9
- 2056 1,2,3-Triazole CH₂Cl Contacts Guide Anion Binding and Concomitant Folding in 1,4-Diaryl Triazole Oligomers. **2008**, 120, 3800-3803 72
- 2055 Chemoselektive Ligations- und Modifikationsstrategien für Peptide und Proteine. **2008**, 120, 10182-10228 201
- 2054 Postsynthetische DNA-Modifizierung mithilfe der kupferkatalysierten Azid-Alkin-Cycloaddition. **2008**, 120, 8478-8487 102
- 2053 Die Entwicklung der Thiol-En-Kupplung als Klick-Prozess für die Materialwissenschaften und die bioorganische Chemie. **2008**, 120, 9133-9135 85
- 2052 Modular chemical tools for advanced macromolecular engineering. **2008**, 49, 817-824 95
- 2051 Practical synthesis of 1,4-dioxane derivative of the closo-dodecaborate anion and its ring opening with acetylenic alkoxides. **2008**, 693, 519-525 51
- 2050 Synthesis and structure-antibacterial activity of triazolyl oxazolidinones containing long chain acyl moiety. **2008**, 43, 1095-104 29
- 2049 Naphthoquinoidal [1,2,3]-triazole, a new structural moiety active against Trypanosoma cruzi. **2008**, 43, 1774-80 104
- 2048 Synthesis of novel oxazolidinone antimicrobial agents. **2008**, 16, 2651-6 26
- 2047 Synthesis and structure-activity relationship of histone deacetylase (HDAC) inhibitors with triazole-linked cap group. **2008**, 16, 4839-53 78
- 2046 Synthesis and receptor binding properties of 2beta-alkynyl and 2beta-(1,2,3-triazol)substituted 3beta-(substituted phenyl)tropane derivatives. **2008**, 16, 5529-35 5
- 2045 Nucleosides and oligonucleotides containing 1,2,3-triazole residues with nucleobase tethers: synthesis via the azide-alkyne 'click' reaction. **2008**, 16, 8427-39 67
- 2044 Novel azalides derived from 16-membered macrolides. Part II: Isolation of the linear 9-formylcarboxylic acid and its sequential macrocyclization with an amino alcohol or an azidoamine. **2008**, 16, 10129-56 22
- 2043 Synthesis and antibiotic activity of a small molecules library of 1,2,3-triazole derivatives. **2008**, 18, 1195-8 88
- 2042 Inhibition of human mitochondrial carbonic anhydrases VA and VB with para-(4-phenyltriazole-1-yl)-benzenesulfonamide derivatives. **2008**, 18, 4624-7 38
- 2041 DNA-templated click chemistry for creation of novel DNA binding molecules. **2008**, 18, 5660-3 9
- 2040 Synthesis of new copper(I)-complexed rotaxanes via click chemistry. **2008**, 64, 8496-8503 38

2039	Click chemistry in CuI-zeolites: a convenient access to glycoconjugates. 2008 , 64, 8922-8929	49
2038	Design and synthesis of cyclo[-Arg-Gly-Asp-(triazole)-Gly-Xaa-] peptide analogues by click chemistry. 2008 , 64, 10728-10734	45
2037	Synthesis of cyclodextrin derivatives functionalized with azobenzene. 2008 , 64, 10919-10923	21
2036	A tandem Ferrier and Click reaction: a facile synthesis of triazolyl-2,3-dideoxypyranosides. 2008 , 49, 2649-2652	14
2035	Ruthenium-catalyzed 1,3-dipolar cycloaddition of trifluoromethylated propargylic alcohols with azides. 2008 , 49, 3927-3930	30
2034	Copper(I)-doped Wyoming montmorillonite for the synthesis of disubstituted 1,2,3-triazoles. 2008 , 49, 6756-6758	51
2033	Synthesis of chlorin-carbohydrate conjugates by click chemistry 2008 , 18, 135-137	28
2032	Histone deacetylase inhibitors through click chemistry. 2008 , 51, 7417-27	72
2031	Inhibition of carbonic anhydrases with glycosyltriazole benzene sulfonamides. 2008 , 51, 1945-53	70
2030	Ruthenium-catalyzed azide-alkyne cycloaddition: scope and mechanism. 2008 , 130, 8923-30	641
2029	Activity-based protein profiling: from enzyme chemistry to proteomic chemistry. 2008 , 77, 383-414	890
2028	A click chemistry approach to pleuromutilin conjugates with nucleosides or acyclic nucleoside derivatives and their binding to the bacterial ribosome. 2008 , 51, 4957-67	59
2027	Polymer brushes grafted to "passivated" silicon substrates using click chemistry. 2008 , 24, 2732-9	84
2026	Clickable Macroinitiator Strategy to Build Amphiphilic Polymer Brushes on Carbon Nanotubes. 2008 , 41, 9581-9594	100
2025	Click chemistry approach to assembly proline mimetic libraries containing 1,4-substituted 1,2,3-triazoles. 2008 , 10, 372-5	14
2024	Efficient construction of therapeutics, bioconjugates, biomaterials and bioactive surfaces using azide-alkyne "click" chemistry. 2008 , 60, 958-70	440
2023	Reversible and competitive cinnamoyl triazole inhibitors of tissue transglutaminase. 2008 , 72, 189-96	54
2022	Glycation methods for bombesin analogs containing the (NalphaHis)Ac chelator for ^{99m} Tc(CO) ₃ radiolabeling. 2008 , 72, 496-506	17

2021	Chemistry strategies in early drug discovery: an overview of recent trends. <i>Drug Discovery Today</i> , 2008 , 13, 677-84	8.8	145
2020	A philosophy of anti-infectives as a guide in the search for new drugs for tuberculosis. 2008 , 88 Suppl 1, S25-33		46
2019	Second-generation difluorinated cyclooctynes for copper-free click chemistry. 2008 , 130, 11486-93		441
2018	Diversity oriented microwave-assisted synthesis of (-)-steganacin aza-analogues. 2008 , 73, 7509-16		36
2017	Self-Assembly of Amphiphilic Polymeric Dendrimers Synthesized with Selective Degradable Linkages. 2008 , 41, 76-86		89
2016	Efficient synthesis of N-2-aryl-1,2,3-triazole fluorophores via post-triazole arylation. 2008 , 10, 5389-92		156
2015	Peptides. 493-527		
2014	Cell proliferation method: click chemistry based on BrdU coupling for multiplex antibody staining. 2008 , Chapter 7, Unit7.34		13
2013	Trehalose and trehalose-based polymers for environmentally benign, biocompatible and bioactive materials. 2008 , 13, 1773-816		84
2012	Cyclic oxonium derivatives of polyhedral boron hydrides and their synthetic applications. 2008 , 977-92		156
2011	A convenient preparation of 5-iodo-1,4-disubstituted-1,2,3-triazole: multicomponent one-pot reaction of azide and alkyne mediated by CuI-NBS. 2008 , 73, 3630-3		105
2010	PVP-Stabilized Copper Nanoparticles: A Reusable Catalyst for Click Reaction between Terminal Alkynes and Azides in Nonaqueous Solvents. 2008 , 112, 3334-3340		183
2009	Microwave-enhanced ionothermal CuAAC for the synthesis of glycoclusters on a calix[4]arene platform. 2008 , 73, 6437-40		60
2008	'Click' cycloaddition catalysts: copper(I) and copper(II) tris(triazolylmethyl)amine complexes. 2008 , 2459-61		167
2007	Syntheses of 1,3-imidazolin-2-ones and 1,3-imidazolin-2-thiones from new building blocks, gamma-aminoacetoacetanilides. 2008 , 10, 803-6		6
2006	Chromophoric 5'-O-Silyl protection of N-protected 2'-ACE ribonucleosides for solid-phase RNA synthesis. 2008 , Chapter 2, Unit 2.14		1
2005	Cyclodextrin Methacrylate via Microwave-Assisted Click Reaction. 2008 , 41, 9619-9623		82
2004	Synthesis of calixarene-based cavitands and nanotubes by click chemistry. 2008 , 73, 7768-71		59

2003	Synthesis of Highly Functionalized Poly(alkyl cyanoacrylate) Nanoparticles by Means of Click Chemistry. 2008 , 41, 8418-8428	39
2002	Hydrophobicity and mixing effects on select heterogeneous, water-accelerated synthetic reactions. 2008 , 73, 8723-30	71
2001	Site-specific fluorescent labeling approaches for naringenin, an essential flavonone in plant nitrogen-fixation signaling pathways. 2008 , 73, 8279-85	5
2000	Solid-phase synthesis of azidomethylene inhibitors targeting cysteine proteases. 2008 , 10, 1881-4	11
1999	In vivo positron emission tomography (PET) imaging with an alphavbeta6 specific peptide radiolabeled using 18F-"click" chemistry: evaluation and comparison with the corresponding 4-[18F]fluorobenzoyl- and 2-[18F]fluoropropionyl-peptides. 2008 , 51, 5901-4	88
1998	Solid-phase assembly and in situ screening of protein tyrosine phosphatase inhibitors. 2008 , 10, 2295-8	24
1997	"Click" synthesis of small-molecule inhibitors targeting caspases. 2008 , 6, 844-7	26
1996	In situ "click" assembly of small molecule matrix metalloprotease inhibitors containing zinc-chelating groups. 2008 , 10, 5529-31	90
1995	Quick and highly efficient copper-catalyzed cycloaddition of aliphatic and aryl azides with terminal alkynes in water. 2008 , 10, 452	74
1994	Activity-based probe for specific photoaffinity labeling gamma-aminobutyric acid B (GABAB) receptors on living cells: design, synthesis, and biological evaluation. 2008 , 51, 3057-60	32
1993	Triazole-linked analogue of deoxyribonucleic acid ((TL)DNA): design, synthesis, and double-strand formation with natural DNA. 2008 , 10, 3729-32	151
1992	Copper-free 'click': 1,3-dipolar cycloaddition of azides and alkynes. 2008 , 6, 3461-3	92
1991	Cu-catalyzed azide-alkyne cycloaddition. 2008 , 108, 2952-3015	3630
1990	Benzynes click chemistry: synthesis of benzotriazoles from benzyne and azides. 2008 , 10, 2409-12	216
1989	Hyperbranched Polytriazoles: Click Polymerization, Regioisomeric Structure, Light Emission, and Fluorescent Patterning. 2008 , 41, 3808-3822	143
1988	Click azide-nitrile cycloaddition as a new ligation tool for the synthesis of tetrazole-tethered C-glycosyl alpha-amino acids. 2008 , 73, 9565-75	42
1987	An efficient synthesis of triazolo-carbohydrate mimetics and their conformational analysis. 2008 , 6, 2679-85	14
1986	Compounds containing oxazolidinone, triazole and macrolide groups in the treatment of mycobacterial infections. 2008 , 18, 1101-1105	2

1985	Intramolecular azide-alkyne cycloaddition for the fast assembly of structurally diverse, tricyclic 1,2,3-triazoles. 2008 , 10, 1617-9	40
1984	Click chemistry in mesoporous materials: functionalization of porous silicon rugate filters. 2008 , 24, 5888-92	102
1983	Cycloaddition Reactions of Azides Including Bioconjugation. 2008 , 45-115	8
1982	A highly efficient and selective synthesis of 1,2,3-triazole linked saccharide nucleosides via "click chemistry". 2008 , 27, 368-75	9
1981	Synthesis and conformational analysis of a cyclic peptide obtained via i to i+4 intramolecular side-chain to side-chain azide-alkyne 1,3-dipolar cycloaddition. 2008 , 73, 5663-74	157
1980	Anion recognition by 1,2,3-triazolium receptors: application of click chemistry in anion recognition. 2008 , 10, 165-8	154
1979	Enhanced cell uptake of superparamagnetic iron oxide nanoparticles functionalized with dendritic guanidines. 2008 , 19, 2375-84	112
1978	Synthesis of spiroacetal-triazoles as privileged natural product-like scaffolds using "click chemistry". 2008 , 6, 3518-26	11
1977	Synthesis of the Novel Chiral Catalysts by Click Chemistry and Their Application. 2008 , 38, 1470-1477	7
1976	Targeting telomerase and telomeres: a click chemistry approach towards highly selective G-quadruplex ligands. 2008 , 4, 629-42	35
1975	Protein damage by reactive electrophiles: targets and consequences. 2008 , 21, 117-28	197
1974	Phospha-Scorpionate Complexes by Click Chemistry using Phenyl Azide and Ethynylphosphine Oxides. 2008 , 27, 3210-3215	45
1973	Concise and diversity-oriented synthesis of ligand arm-functionalized azoamides. 2008 , 10, 981-5	20
1972	Strong, size-selective, and electronically tunable C-H...halide binding with steric control over aggregation from synthetically modular, shape-persistent [34]triazolophanes. 2008 , 130, 12111-22	251
1971	Identification of protein targets of 4-hydroxynonenal using click chemistry for ex vivo biotinylation of azido and alkynyl derivatives. 2008 , 21, 432-44	165
1970	Facile Method for the Synthesis of Vicinal Azidoiodides by the Reaction of the NaN ₃ I ₂ System with Unsaturated Compounds. 2008 , 38, 3797-3809	9
1969	Antibody conjugates of 7-ethyl-10-hydroxycamptothecin (SN-38) for targeted cancer chemotherapy. 2008 , 51, 6916-26	89
1968	Triazole-modified histone deacetylase inhibitors as a rapid route to drug discovery. 2008 , 10, 624-7	22

1967	Bi-, tetra-, and hexanuclear AuI and binuclear AgI complexes and AgI coordination polymers containing phenylaminobis(phosphonite), PhN{P(OC ₆ H ₄ OMe-o) ₂ } ₂ , and pyridyl ligands. 2008 , 47, 2764-76	28
1966	Chemo-enzymatic detection of protein isoaspartate using protein isoaspartate methyltransferase and hydrazine trapping. 2008 , 80, 3882-9	34
1965	Bicyclic 5-5 Systems with One Bridgehead (Ring Junction) Nitrogen Atom: Two Extra Heteroatoms 2:0. 2008 , 107-131	
1964	Synthesis of molecular nanocages by click chemistry. 2008 , 73, 7772-4	22
1963	Synthesis of Functionalized β -Cyclodextrins by Click Chemistry 2008 , 76, 155	3
1962	Kinetic and thermodynamic approaches for the efficient formation of mechanical bonds. 2008 , 41, 1750-61	141
1961	Tris(2-carboxyethyl)phosphine Hydrochloride. 2008 ,	2
1960	Biomimetic polymers to control cell adhesion. 2008 , 18, 15-24	8
1959	Pyranose N-glycosyl amines: emerging targets with diverse biological potential. 2008 , 8, 101-13	32
1958	Synthesis and biological evaluation of inhibitors of thymidine monophosphate kinase from Bacillus anthracis. 2008 , 27, 244-60	14
1957	Chemical Biology: Past, Present and Future. 2008 , 2, 278-311	2
1956	[Medicinal chemistry targeting nucleosides and nucleic acids based on fine synthetic chemistry]. 2008 , 128, 1403-30	2
1955	Capture Methods for Fragment-Based Discovery. 245-259	1
1954	Imaging of integrins as biomarkers for tumor angiogenesis. 2008 , 14, 2943-73	174
1953	. 2008 ,	2
1952	. 2008 ,	27
1951	. 2008 ,	21
1950	Bioorthogonal Chemical Transformations in Proteins by an Expanded Genetic Code. 139-162	

1949	TMZ-BioShuttle--a reformulated temozolomide. 2008 , 5, 273-84	15
1948	Synthesis of new triazole-based trifluoromethyl scaffolds. 2008 , 4, 19	11
1947	Treatment of glioblastoma multiforme cells with temozolomide-BioShuttle ligated by the inverse Diels-Alder ligation chemistry. 2009 , 2, 289-301	16
1946	Kinetic Study on Huisgen Reaction Catalyzed by Copper(I): Triazol Formation from Water-Soluble Alkyne and Alkyl Azide. 2009 , 78, 983	5
1945	Switching the mechanics of dsDNA by Cu salicylic aldehyde complexation. 2009 , 20, 434002	11
1944	Mechanisms of resistance: useful tool to design antibacterial agents for drug - resistant bacteria. 2009 , 9, 194-205	22
1943	The chemist as astronaut: searching for biologically useful space in the chemical universe. 2009 , 78, 217-23	36
1942	Dipolar Cycloaddition Reactions in Peptide Chemistry. 285-310	1
1941	Metal-Free Click Polymerization: Synthesis and Photonic Properties of Poly(aroyltriazole)s. 2009 , 19, 1891-1900	141
1940	Orthogonal Transformations on Solid Substrates: Efficient Avenues to Surface Modification. 2009 , 21, 3442-3468	131
1939	Click-engineered, bioresponsive, drug-loaded PEG spheres. 2009 , 21, 4348-52	33
1938	Retraction: An Efficient Synthesis of Poly(ethylene glycol)-Supported Iron(II) Porphyrin using a Click Reaction and its Application for the Catalytic Olefination of Aldehydes. 2009 , 351, 230-234	15
1937	Copper Nanoparticles on Charcoal for Multicomponent Catalytic Synthesis of 1,2,3-Triazole Derivatives from Benzyl Halides or Alkyl Halides, Terminal Alkynes and Sodium Azide in Water as a Green Solvent. 2009 , 351, 207-218	255
1936	The Use of Copper Flow Reactor Technology for the Continuous Synthesis of 1,4-Disubstituted 1,2,3-Triazoles. 2009 , 351, 849-854	129
1935	Synthesis of the New 7S-Aminolentiginosine and Derivatives. 2009 , 351, 1155-1161	12
1934	Immobilization of Porphyrinatocopper Nanoparticles onto Activated Multi-Walled Carbon Nanotubes and a Study of its Catalytic Activity as an Efficient Heterogeneous Catalyst for a Click Approach to the Three-Component Synthesis of 1,2,3-Triazoles in Water. 2009 , 351, 2391-2410	119
1933	Klick-Chemie jenseits von metallkatalysierten Cycloadditionen. 2009 , 121, 4998-5006	105
1932	Ferrocene-carbohydrate conjugates as electrochemical probes for molecular recognition studies. 2009 , 15, 710-25	66

1931	Synthesis of stable aminoacyl-tRNA analogues containing triazole as a bioisoster of esters. 2009 , 15, 1929-38	42
1930	Cu(II)-hydrotalcite as an efficient heterogeneous catalyst for Huisgen [3+2] cycloaddition. 2009 , 15, 2755-8	109
1929	Ferrocene-beta-cyclodextrin conjugates: synthesis, supramolecular behavior, and use as electrochemical sensors. 2009 , 15, 8146-62	73
1928	Improved copper(I)-NHC catalytic efficiency on huisgen reaction by addition of aromatic nitrogen donors. 2009 , 15, 6322-6	73
1927	A supported copper hydroxide on titanium oxide as an efficient reusable heterogeneous catalyst for 1,3-dipolar cycloaddition of organic azides to terminal alkynes. 2009 , 15, 10464-72	96
1926	A highly potent and cellularly active beta-peptidic inhibitor of the p53/hDM2 interaction. 2009 , 10, 994-8	20
1925	Design and Synthesis of Matrix Metalloprotease Photoaffinity Trimodular Probes. 2009 , 27, 825-833	5
1924	Design, Synthesis and Anti-HIV Integrase Evaluation of 1,2,3- Triazol-4-yl-substituted 1,4-Dihydro-4-oxo-1,5-napthyridine- 3-carboxylic Acids. 2009 , 27, 953-962	5
1923	A click approach to structurally diverse conjugates containing a central di-1,2,3-triazole metal chelate. 2009 , 4, 529-39	54
1922	High-quality covalently grafting hemoglobin on gold electrodes: characterization, redox thermodynamics and bio-electrocatalysis. 2009 , 10, 3105-11	3
1921	A supported copper hydroxide as an efficient, ligand-free, and heterogeneous precatalyst for 1,3-dipolar cycloadditions of organic azides to terminal alkynes. 2009 , 2, 59-62	58
1920	Pronounced Catalytic Effect of a Micellar Solution of Sodium Dodecylsulfate (SDS) Upon a Three-Component Reaction of Aldehydes, Amines, and Ketones Under Neutral Conditions. 2009 , 2009, 1249-1255	33
1919	Synthesis and Biological Evaluation of Non-Hydrolizable 1,2,3-Triazole Linked Sialic Acid Derivatives as Neuraminidase Inhibitors. 2009 , 2009, 2611	45
1918	In-column preparation of a brush-type chiral stationary phase using click chemistry and a silica monolith. 2009 , 32, 21-8	41
1917	Bioorthogonale Chemie fder: in einem Meer aus Funktionalitt nach Selektivitt fischen. 2009 , 121, 7108-7133	505
1916	Chemoselektive Staudinger-Phosphit-Reaktion von Aziden fr die Phosphorylierung von Proteinen. 2009 , 121, 8382-8387	28
1915	Copper(I)-Catalyzed Cycloaddition of Organic Azides and 1-Iodoalkynes. 2009 , 121, 8162-8165	103
1914	Analysis and Optimization of Copper-Catalyzed Azide-Alkyne Cycloaddition for Bioconjugation. 2009 , 121, 10063-10067	135

1913	Click chemistry beyond metal-catalyzed cycloaddition. 2009 , 48, 4900-8	732
1912	Bioorthogonal chemistry: fishing for selectivity in a sea of functionality. 2009 , 48, 6974-98	2208
1911	Chemoselective Staudinger-phosphite reaction of azides for the phosphorylation of proteins. 2009 , 48, 8234-9	112
1910	Copper(I)-catalyzed cycloaddition of organic azides and 1-iodoalkynes. 2009 , 48, 8018-21	378
1909	Analysis and optimization of copper-catalyzed azide-alkyne cycloaddition for bioconjugation. 2009 , 48, 9879-83	769
1908	Novel types of boronated chlorin e6 conjugates via click chemistry. 2009 , 23, 370-374	39
1907	Close mimicry of lung surfactant protein B by "clicked" dimers of helical, cationic peptoids. 2009 , 92, 538-53	23
1906	Synthesis and evaluation of sphingolipid analogues: modification of the hydroxy group at C(1) of 7-oxasphingosine, and of the hydroxy group at C(1) and the amide group of 7-oxaceramides. 2009 , 6, 705-24	3
1905	Diversity of genome research at the 2009 Plant and Animal Genome Conference. 2009 , 9, 1-6	4
1904	Azobenzenes synthesis and carbohydrate applications. 2009 , 65, 10105-10123	192
1903	Amide-1,2,3-triazole bioisosterism: the glycogen phosphorylase case. 2009 , 20, 733-740	58
1902	Synthesis of C-linked immobilized analogs of aloisine A by click chemistry. 2009 , 50, 741-744	6
1901	Sulfonium alkylation followed by click chemistry for facile surface modification of proteins and tobacco mosaic virus. 2009 , 50, 759-762	18
1900	Biodegradable poly(ethylene glycol)-peptide hydrogels with well-defined structure and properties for cell delivery. 2009 , 30, 1453-61	122
1899	Inhibitors of VIM-2 by screening pharmacologically active and click-chemistry compound libraries. 2009 , 17, 5027-37	39
1898	2,4-Diaminopyrimidines as histamine H4 receptor ligands--Scaffold optimization and pharmacological characterization. 2009 , 17, 7186-96	57
1897	Synthesis of glucoconjugates of oleanolic acid as inhibitors of glycogen phosphorylase. 2009 , 344, 841-50	49
1896	Concise synthesis of two trisaccharides related to the cytotoxic triterpenoid saponin isolated from <i>Pithecellobium lucidum</i> . 2009 , 344, 2554-8	10

1895	Synthesis and characterization of [1,2,3]-triazole containing liquid crystals through click reaction. 2009 , 927, 7-13	44
1894	Synthesis of phenylacetylene containing 1,2,3-triazole group. 2009 , 35, 589-595	2
1893	Evaluation of a novel radiofolate in tumour-bearing mice: promising prospects for folate-based radionuclide therapy. 2009 , 36, 938-46	46
1892	Synthesis of N-alkoxybenzimidoyl azides and their reactions in electrophilic media. 2009 , 23, n/a-n/a	1
1891	Sequential click reactions for synthesizing and patterning three-dimensional cell microenvironments. 2009 , 8, 659-64	700
1890	Highly efficient synthesis of vinyl substituted triazoles by Au(I) catalyzed alkyne activation. 2009 , 19, 3899-902	54
1889	Synthesis and base-pairing properties of C-nucleotides having 1-substituted 1H-1,2,3-triazoles. 2009 , 19, 3316-9	27
1888	Enlarged analogues of uniconazole, newazole containing inhibitors of ABA 8'-hydroxylase CYP707A. 2009 , 19, 5782-6	14
1887	An approach for the surface functionalized gold nanoparticles with pH-responsive polymer by combination of RAFT and click chemistry. 2009 , 45, 1625-1633	37
1886	Synthesis of a polypseudorotaxane, polyrotaxane, and polycatenane using click chemistry. 2009 , 65, 400-407	38
1885	A Cu(I)-promoted one-pot Hantzsch 1,2,3-triazole synthesis of fluoronitrobenzenes. 2009 , 65, 3974-3979	40
1884	6,6'-Dimethyl-2,2'-bipyridine-4-ester: A pivotal synthon for building tethered bipyridine ligands. 2009 , 65, 7673-7686	35
1883	A facile and regioselective synthesis of 1,4-disubstituted 1,2,3-triazoles using click chemistry. 2009 , 50, 2065-2068	83
1882	Copper nanoparticles in click chemistry: an alternative catalytic system for the cycloaddition of terminal alkynes and azides. 2009 , 50, 2358-2362	105
1881	Convergent synthesis of oligomers of triazole-linked DNA analogue (TLDNA) in solution phase. 2009 , 50, 4101-4103	36
1880	Facile generation of vicinal bromoazides from olefins using TMSN ₃ and TsNBr ₂ without any catalyst. 2009 , 50, 5083-5087	29
1879	Steroidal 1,2,3-triazole-based sensors for Hg ²⁺ ion and their logic gate behaviour. 2009 , 50, 5842-5845	46
1878	Cu(OTf) ₂ /Cu-catalyzed four-component reaction: a facile synthesis of β -alkoxytriazoles via click chemistry. 2009 , 50, 6029-6031	20

1877	Profiling protein tyrosine phosphatase activity with mechanistic probes. 2009 , 13, 375-81	18
1876	Single bead labeling method for combining confocal fluorescence on-bead screening and solution validation of tagged one-bead one-compound libraries. 2009 , 16, 724-35	56
1875	Synthesis and cytotoxic profile of glycosyl-triazole linked to 1,2,4-oxadiazole moiety at C-5 through a straight-chain carbon and oxygen atoms. 2009 , 44, 3571-6	39
1874	Synthesis and cyclooxygenase inhibition of various (aryl-1,2,3-triazole-1-yl)-methanesulfonylphenyl derivatives. 2009 , 17, 1146-51	41
1873	Facile synthesis of diazido-functionalized biaryl compounds as radioisotope-free photoaffinity probes by Suzuki-Miyaura coupling. 2009 , 17, 2490-6	20
1872	Exploration of click reaction for the synthesis of modified nucleosides as chitin synthase inhibitors. 2009 , 17, 2433-40	50
1871	Design and synthesis of a photocleavable biotin-linker for the photoisolation of ligand-receptor complexes based on the photolysis of 8-quinolinyl sulfonates in aqueous solution. 2009 , 17, 3405-13	20
1870	Parallel synthesis of potent dopaminergic N-phenyltriazole carboxamides applying a novel click chemistry based phenol linker. 2009 , 17, 5482-7	10
1869	Synthesis of 10-substituted triazolyl artemisinins possessing anticancer activity via Huisgen 1,3-dipolar cycloaddition. 2009 , 19, 382-5	41
1868	Identification of the first fluorescent alpha-amidoboronic acids that change fluorescent properties upon sugar binding. 2009 , 19, 1596-9	30
1867	Rapid identification of improved protein ligands using peptoid microarrays. 2009 , 19, 3866-9	22
1866	Design, synthesis and bioactivity of catechin/epicatechin and 2-azetidinone derived chimeric molecules. 2009 , 19, 7007-10	9
1865	Regioselective synthesis and biological evaluation of bis(indolyl)methane derivatized 1,4-disubstituted 1,2,3-bis-triazoles as anti-infective agents. 2009 , 19, 3611-4	55
1864	Synthesis of linear polyether polyol derivatives as new materials for bioconjugation. 2009 , 20, 780-9	47
1863	Simultaneous Orthogonal Chemoligations on Multiresponsive Microgels. 2009 , 42, 7664-7669	30
1862	Light harvesting and efficient energy transfer in dendritic systems: new strategy for functionalized near-infrared BF ₂ -azadipyrromethenes. 2009 , 4, 707-13	56
1861	High-throughput synthesis of azide libraries suitable for direct "click" chemistry and in situ screening. 2009 , 7, 1821-8	51
1860	New 1,2,3-triazole ligands through click reactions and their palladium and platinum complexes. 2009 , 9291-7	118

1859	Rapid discovery of triazolobenzylidene-thiazolopyrimidines (TBTP) as CDC25 phosphatase inhibitors by parallel click chemistry and in situ screening. 2009 , 11, 947-50	44
1858	Click chemistry and bioorthogonal reactions: unprecedented selectivity in the labeling of biological molecules. 2009 , 48, 6571-84	507
1857	Microwave-assisted intramolecular Huisgen cycloaddition of azido alkynes derived from alpha-amino acids. 2009 , 74, 1314-21	28
1856	New strategy for synthesis of mercaptoundecahydrododecaborate derivatives via click chemistry: possible boron carriers and visualization in cells for neutron capture therapy. 2009 , 48, 11896-902	17
1855	A Copper-Catalyzed Azide-Alkyne Cycloaddition Approach to the Synthesis of Bimetallic Chromium(0) (Fischer) Carbene Complexes. 2009 , 28, 956-959	28
1854	A click-generated triazole tethered ferrocene-pyrene dyad for dual-mode recognition of the pyrophosphate anion. 2009 , 11, 3466-9	128
1853	Simple, clickable protocol for atomic force microscopy tip modification and its application for trace ricin detection by recognition imaging. 2009 , 25, 2860-4	34
1852	Highly regioselective N-2 arylation of 4,5-dibromo-1,2,3-triazole: efficient synthesis of 2-aryltriazoles. 2009 , 11, 5026-8	71
1851	Silicon (100) electrodes resistant to oxidation in aqueous solutions: an unexpected benefit of surface acetylene moieties. 2009 , 25, 2530-9	104
1850	Rapid synthesis, screening, and identification of xanthone- and xanthene-based fluorophores using click chemistry. 2009 , 11, 3008-11	50
1849	Microwave-assisted click polymerization for the synthesis of Abeta(16-22) cyclic oligomers and their self-assembly into polymorphous aggregates. 2009 , 7, 4517-25	15
1848	Cu(I)-catalyzed Huisgen azide-alkyne 1,3-dipolar cycloaddition reaction in nucleoside, nucleotide, and oligonucleotide chemistry. 2009 , 109, 4207-20	670
1847	Site specific protein labeling by enzymatic posttranslational modification. 2009 , 7, 3361-71	76
1846	Copper-Catalyzed Huisgen [3 + 2] Cycloaddition of Gold(I) Alkynyls with Benzyl Azide. Syntheses, Structures, and Optical Properties. 2009 , 28, 6171-6182	86
1845	Synthesis and Self-Assembly of Poly(diethylhexyloxy-p-phenylenevinylene)-b-poly(methyl methacrylate) Rod-Coil Block Copolymers. 2009 , 42, 4208-4219	64
1844	Click-Synthesis of isomeric compounds for assessing the efficiency of the bifurcated Br-NO ₂ synthon. 2009 , 11, 143-150	17
1843	Covalent layer-by-layer functionalization of multiwalled carbon nanotubes by click chemistry. 2009 , 25, 5814-24	129
1842	Using Click Chemistry To Fabricate Ultrathin Thermoresponsive Microcapsules through Direct Covalent Layer-by-Layer Assembly. 2009 , 42, 5155-5166	98

1841	Protein-lipid interactions: paparazzi hunting for snap-shots. 2009 , 390, 795-803	24
1840	1,3-dipolar cycloaddition in the synthesis of glycoconjugates of natural chlorins and bacteriochlorins. 2009 , 13, 336-345	23
1839	Triazole inhibitors of <i>Cryptosporidium parvum</i> inosine 5'-monophosphate dehydrogenase. 2009 , 52, 4623-30	72
1838	Benzyne click chemistry with in situ generated aromatic azides. 2009 , 11, 1587-90	86
1837	Fluorine-18 Radiopharmaceuticals. 361-388	5
1836	Facile one-pot synthesis of 4,5-disubstituted 1,2,3-(NH)-triazoles through Sonogashira coupling/1,3-dipolar cycloaddition of acid chlorides, terminal acetylenes, and sodium azide. 2009 , 11, 3024-7	66
1835	Anion binding of short, flexible aryl triazole oligomers. 2009 , 74, 8924-34	114
1834	Organic reactions in low melting mixtures based on carbohydrates and L-carnitine comparison. 2009 , 11, 848	130
1833	"Flash" solvent-free synthesis of triazoles using a supported catalyst. 2009 , 14, 528-39	30
1832	Silica-based clicked hybrid glyco materials. 2009 , 38, 3449-62	74
1831	Polycatenanes. 2009 , 109, 6024-46	375
1830	Apparent copper(II)-accelerated azide-alkyne cycloaddition. 2009 , 11, 4954-7	182
1829	Chemogenomics with protein secondary-structure mimetics. 2009 , 575, 123-58	8
1828	Tailor Made Side-Chain Functionalized Macromolecules by Combination of Controlled Radical Polymerization and Click Chemistry. 2009 , 275-276, 73-81	20
1827	Next generation chemical proteomic tools for rapid enzyme profiling. 2009 , 42, 1183-92	58
1826	Enhancing Detection Sensitivity of Responsive Microgel-Based Cu(II) Chemosensors via Thermo-Induced Volume Phase Transitions. 2009 , 21, 3439-3446	47
1825	Monitoring protein-polymer conjugation by a fluorogenic Cu(I)-catalyzed azide-alkyne 1,3-dipolar cycloaddition. 2009 , 20, 1129-38	43
1824	Photoinduced thiol-ene coupling as a click ligation tool for thiodisaccharide synthesis. 2009 , 74, 4422-5	98

1823	A "click chemistry" approach to the efficient synthesis of multiple imaging probes derived from a single precursor. 2009 , 20, 1940-9	74
1822	Protein Engineering. 2009 ,	3
1821	Introduction: cell-based assays for high-throughput screening. 2009 , 486, 1-12	25
1820	Chemogenomics. 2009 ,	3
1819	A macrocyclic coumarin-containing tripeptide via CuAAC chemistry. 2009 , 4272-4	7
1818	Click Chemistry on Supramolecular Materials. 119-175	14
1817	"Clickable" polymer-caged nanobins as a modular drug delivery platform. 2009 , 131, 9311-20	83
1816	High-throughput discovery of <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase B (MtpB) inhibitors using click chemistry. 2009 , 11, 5102-5	60
1815	From DNA cross-linking to peptide labeling: on the versatility of the furan-oxidation-conjugation strategy. 2009 , 340-2	10
1814	Non-covalent functionalization of carbon nanotubes with glycolipids: glyconanomaterials with specific lectin-affinity. 2009 , 5, 948	38
1813	Generic, SN2 reactive silicone surfaces protected by poly(ethylene glycol) linkers: facile routes to new materials. 2009 , 19, 5033	6
1812	Phosphoramidite accelerated copper(I)-catalyzed [3 + 2] cycloadditions of azides and alkynes. 2009 , 2139-41	135
1811	Single and dual glycoside clustering around calix[4]arene scaffolds via click thiol-ene coupling and azide-alkyne cycloaddition. 2009 , 7, 3910-3	46
1810	A new architecture for low-power high-speed pipelined ADCs using double-sampling and opamp-sharing techniques. 2009 ,	
1809	Growing applications of "click chemistry" for bioconjugation in contemporary biomedical research. 2009 , 24, 289-302	225
1808	Bromo-directed N-2 alkylation of NH-1,2,3-triazoles: efficient synthesis of poly-substituted 1,2,3-triazoles. 2009 , 11, 5490-3	51
1807	8-Aza-7-deazaguanine nucleosides and oligonucleotides with octadiynyl side chains: synthesis, functionalization by the azide-alkyne 'click' reaction and nucleobase specific fluorescence quenching of coumarin dye conjugates. 2009 , 7, 1374-87	46
1806	Synthesis of fluorophosphonylated acyclic nucleotide analogues via copper(I)-catalyzed Huisgen 1-3 dipolar cycloaddition. 2009 , 7, 4481-90	26

1805	High yield synthesis of diverse well-defined end-functionalized polymers by combination of anionic polymerization and Click chemistry. 2009 , 111, 1571-1580	11
1804	Click Multivalent Heterogeneous Neoglycoconjugates [Modular Synthesis and Evaluation of Their Binding Affinities. 2009 , 2009, 2454-2473	53
1803	A one-pot approach to neoglycopeptides using orthogonal native chemical ligation and click chemistry. 2009 , 11, 5270-3	69
1802	Click chemistry with lanthanide complexes: a word of caution. 2009 , 9725-7	32
1801	Rapid synthesis of Abelson tyrosine kinase inhibitors using click chemistry. 2009 , 7, 5129-36	34
1800	Click Chemistry in Macromolecular Synthesis. 2009 ,	9
1799	Click Labeled Peptides with Fluorine-18 for PET Imaging. 2010 , 6, 33-41	8
1798	Receptor Targets in Drug Discovery. 2010 , 499-548	
1797	Chemical Protein Modification. 2010 , 59-91	10
1796	Fragment-Based Drug Design: Considerations for Good ADME Properties. 2010 , 417-485	
1795	Automated synthesis of a 96 product-sized library of triazole derivatives using a solid phase supported copper catalyst. 2010 , 15, 3087-120	23
1794	An Efficient Copper-mediated 1,3-Dipolar Cycloaddition of Pyrazolidinone-based Dipoles to Terminal Alkynes to Produce N,N-Bicyclic Pyrazolidinone Derivatives. 2010 , 39, 1086-1087	27
1793	[Modification of nucleic acids using [3+2] dipolar cycloaddition of azides and alkynes]. 2010 , 36, 437-81	33
1792	Copper nitride nanoparticles supported on a superparamagnetic mesoporous microsphere for toxic-free click chemistry. 2010 , 46, 3935-7	74
1791	Calixarene and calixresorcarene glycosides: their synthesis and biological applications. 2010 , 110, 4949-77	194
1790	Polymer multilayer films obtained by electrochemically catalyzed click chemistry. 2010 , 26, 2816-24	69
1789	Target-specific delivery of peptide-based probes for PET imaging. 2010 , 62, 1005-22	138
1788	Highly active copper-catalysts for azide-alkyne cycloaddition. 2010 , 39, 726-9	120

1787	Investigation into thiol-(meth)acrylate Michael addition reactions using amine and phosphine catalysts. 2010 , 1, 1196	203
1786	Water: nature's reaction enforcer--comparative effects for organic synthesis "in-water" and "on-water". 2010 , 110, 6302-37	878
1785	Polypeptide-polymer bioconjugates. 2010 , 39, 329-53	218
1784	Effects of a flexible alkyl chain on a ligand for CuAAC reaction. 2010 , 12, 4988-91	44
1783	Copper-Catalyzed Diastereo- and Enantioselective Sequential Reactions of Propargylic Acetates with (E)-2,4-Pentadienylamine. 2010 , 2, 155-158	54
1782	Recent advances in the design of bioconjugates from controlled/living radical polymerization. 2010 , 1, 563	200
1781	Microarray-based enzyme profiling: Recent advances and applications (Review). 2010 , 5, FA24-31	9
1780	Solvolysis process of organophosphorus compound P-[2-(dimethylamino)ethyl]-N,N-dimethylphosphonamidic fluoride with simple and π -nucleophiles: a DFT study. 2010 , 127, 39-47	12
1779	Synthesis and antitumor activity of novel 2',3'-diethanethio-2',3',5'-trideoxy-5'-triazolonucleoside analogues. 2010 , 45, 3219-22	10
1778	3'-(1,2,3-Triazol-1-yl)-3'-deoxythymidine analogs as substrates for human and <i>Ureaplasma parvum</i> thymidine kinase for structure-activity investigations. 2010 , 18, 3261-9	19
1777	Efficient RNA-targeting by the introduction of aromatic stacking in the duplex major groove via 5-(1-phenyl-1,2,3-triazol-4-yl)-2'-deoxyuridines. 2010 , 18, 4702-10	33
1776	Efficient synthesis of Hsp90 inhibitor dimers as potential antitumor agents. 2010 , 18, 5732-7	4
1775	Defined Chitosan-based networks by C-6-Azide-Alkyne Click Reaction. 2010 , 70, 272-281	42
1774	Synthesis of triazole analogues of the nanaomycin antibiotics using Click chemistry. 2010 , 66, 4002-4009	20
1773	Application of copper(I)-catalysed azide/alkyne cycloaddition (CuAAC) Click chemistry in carbohydrate drug and neoglycopolymer synthesis. 2010 , 66, 9475-9492	174
1772	Chiral pyrrolidine-azole conjugates: Simple and efficient asymmetric organocatalysts for Michael addition to nitrostyrenes. 2010 , 55, 1735-1741	2
1771	Cell-based assays for high-throughput screening. 2010 , 45, 180-6	133
1770	Synthesis of Neoglycopeptides via Click Chemistry. 2010 , 16, 125-132	18

1769	Peptidomimetics Through Click Chemistry: Synthesis of Novel β -Keto Triazole Acids from N-Protected Amino Acids. 2010 , 16, 283-290	4
1768	Synthesis of Hybrid Peptidomimetics and Neoglycoconjugates Employing Click Protocol: Dual Utility of POC-Group for Inserting Carbamate-Triazole Units into Peptide Backbone. 2010 , 16, 267-275	5
1767	Synthesis of bombesin-functionalized iron oxide nanoparticles and their specific uptake in prostate cancer cells. 2009 , 12, 1599-1608	50
1766	Synthesis of phenylazides and 1-phenyl-1,2,3-triazoles bearing (E)-2-halovinyl group. 2010 , 59, 452-456	2
1765	Novel proteoglycan glycotecnology: chemoenzymatic synthesis of chondroitin sulfate-containing molecules and its application. 2010 , 27, 189-98	10
1764	Pro-oxidant properties of AZT and other thymidine analogues in macrophages: implication of the azido moiety in oxidative stress. 2010 , 5, 296-301	17
1763	Azides derived from colchicine and their use in library synthesis: A practical entry to new bioactive derivatives of an old natural drug. 2010 , 5, 661-5	34
1762	Synthesis and evaluation of bombesin analogues conjugated to two different triazolyl-derived chelators for (99m)Tc labeling. 2010 , 5, 1717-25	15
1761	Molecular assembly of multifunctional 99m Tc radiopharmaceuticals using "clickable" amino acid derivatives. 2010 , 5, 2026-38	31
1760	Double click reaction for the acquisition of a highly potent and selective mPTPB inhibitor. 2010 , 5, 2051-6	16
1759	Click Chelators: The Behavior of Platinum and Palladium Complexes in the Presence of Guanosine and DNA. 2010 , 2010, 3513-3519	20
1758	CuI-Catalyzed Azide-Alkyne Intramolecular i-to-(i+4) Side-Chain-to-Side-Chain Cyclization Promotes the Formation of Helix-Like Secondary Structures. 2010 , 2010, 446-457	89
1757	Chiral Isocyanazides: Efficient Bifunctional Reagents for Bioconjugation. 2010 , 2010, 1445-1449	49
1756	Unsupported Copper Nanoparticles in the 1,3-Dipolar Cycloaddition of Terminal Alkynes and Azides. 2010 , 2010, 1875-1884	98
1755	Aromatic Nitrogen Donors for Efficient Copper(I)-Catalyzed CuAAC under Reductant-Free Conditions. 2010 , 2010, 3507-03515	45
1754	Synthesis of Hyperbranched β -Galceramide-Containing Dendritic Polymers that Bind HIV-1 gp120. 2010 , 2010, 2657-2660	14
1753	Metathesis and Macrocycles with Embedded Carbohydrates. 2010 , 2010, 4959-4970	31
1752	Zn/C-Catalyzed Cycloaddition of Azides and Aryl Alkynes. 2010 , 2010, 5409-5414	84

- 1751 Quantification of Grafting Densities Achieved via Modular Click Chemistry Approaches onto Divinylbenzene Microspheres. **2010**, 20, 2010-2020 43
- 1750 Polymer-Supported 1,5,7-Triazabicyclo[4.4.0]dec-5-ene as Polyvalent Ligands in the Copper-Catalyzed Huisgen 1,3-Dipolar Cycloaddition. **2010**, 352, 1179-1192 62
- 1749 Stabilized Copper(I) Oxide Nanoparticles Catalyze Azide-Alkyne Click Reactions in Water. **2010**, 352, 1600-160483
- 1748 Click Chemistry: A Quote for Function. **2010**, 93-114
- 1747 Copper-Catalyzed Azide-Alkyne Cycloaddition (CuAAC). **2010**, 235-260 8
- 1746 New Reactions of Copper Acetylides: Catalytic Dipolar Cycloadditions and Beyond. **2010**, 199-225
- 1745 Potent inhibition of HIV-1 entry with a chemically programmed antibody aided by an efficient organocatalytic synthesis. **2010**, 11, 2113-8 18
- 1744 Peptoid macrocycles: making the rounds with peptidomimetic oligomers. **2010**, 16, 5528-37 111
- 1743 Reliable and diverse synthesis of aryl azides through copper-catalyzed coupling of boronic acids or esters with TMSN₃. **2010**, 16, 7969-72 67
- 1742 Synthesis of oleanolic acid dimers as inhibitors of glycogen phosphorylase. **2010**, 7, 690-7 26
- 1741 Kupferkatalysierte Azid-Alkin-Cycloadditionen: regioselektive Synthese von 1,4,5-trisubstituierten 1,2,3-Triazolinen. **2010**, 122, 33-36 54
- 1740 An Unexpected Example of Protein-Templated Click Chemistry. **2010**, 122, 6969-6972 11
- 1739 Polyacrylate Dendrimer Nanoparticles: A Self-Adjuvanting Vaccine Delivery System. **2010**, 122, 5878-5881 25
- 1738 Ultrabright and Bioorthogonal Labeling of Cellular Targets Using Semiconducting Polymer Dots and Click Chemistry. **2010**, 122, 9626-9630 20
- 1737 Copper-catalyzed azide-alkyne cycloaddition: regioselective synthesis of 1,4,5-trisubstituted 1,2,3-triazoles. **2010**, 49, 31-3 196
- 1736 An unexpected example of protein-templated click chemistry. **2010**, 49, 6817-20 62
- 1735 Polyacrylate dendrimer nanoparticles: a self-adjuvanting vaccine delivery system. **2010**, 49, 5742-5 135
- 1734 Ultrabright and bioorthogonal labeling of cellular targets using semiconducting polymer dots and click chemistry. **2010**, 49, 9436-40 194

1733	Copper-catalyzed alkyne cycloaddition on electron deficient azides via tetrazolo[1,5-a]pyrimidines. 2010 , 47, 887-892	8
1732	Synthesis of functionalized β -CF ₃ - β -aminophosphonates via Cu(I)-catalyzed 1,3-dipolar cycloaddition. 2010 , 131, 378-383	21
1731	Imidazole- and imidazolium-containing polymers for biology and material science applications. 2010 , 51, 2447-2454	276
1730	4-Substituted 4-(1H-1,2,3-triazol-1-yl)piperidine: novel C7 moieties of fluoroquinolones as antibacterial agents. 2010 , 20, 2859-63	38
1729	Synthesis of neurotensin(8-13)-phosphopeptide heterodimers via click chemistry. 2010 , 20, 3306-9	7
1728	Synthesis and biological evaluation of glycal-derived novel tetrahydrofuran 1,2,3-triazoles by 'click' chemistry. 2010 , 345, 1515-21	43
1727	N-(Propargyl)diazene-carboxamides for click-conjugation and their 1,3-dipolar cycloadditions with azidoalkylamines in the presence of Cu(II). 2010 , 66, 2602-2613	27
1726	Synthesis and double click-density functionalization of 8-aza-7-deazaguanine DNA bearing branched side chains with terminal triple bonds. 2010 , 66, 3930-3943	11
1725	Novel class of non-ionic monocationary and bolaform alkylglycoside surfactants. Synthesis by microwave-assisted glycosylation and olefin cross-metathesis or by click-chemistry physicochemical studies. 2010 , 66, 4633-4646	39
1724	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. 2010 , 66, 7642-7650	48
1723	Synthesis of hybrid 1,2,3-triazolo-lactams/lactones using Huisgen [3+2] cycloaddition click-chemistry in water. 2010 , 21, 352-355	13
1722	On the reactivity of activated alkynes in copper and solvent-free Huisgen reaction. 2010 , 21, 1179-1183	13
1721	Synthesis and antioxidant properties of novel β -tocopherol glycoconjugates. 2010 , 51, 1180-1184	13
1720	An efficient one-pot synthesis of C ₂ -symmetric triazolophanes by copper(I)-catalyzed azide-alkyne cycloaddition (CuAAC) reaction. 2010 , 51, 1896-1898	18
1719	Designing dendritic frameworks using versatile building blocks suitable for CuI-catalyzed alkyne azide click-chemistry. 2010 , 51, 3792-3795	14
1718	A modular approach to catalytic synthesis using a dual-functional linker for Click and Suzuki coupling reactions. 2010 , 51, 3913-3917	21
1717	Light-induced copper(I)-catalyzed click chemistry. 2010 , 51, 6945-6947	129
1716	Synthesis of novel analogues of zanamivir as neuraminidase inhibitors. 2010 , 21, 1338-1341	2

1715	Probing the carbohydrate recognition domain of E-selectin: the importance of the acid orientation in sLex mimetics. 2010 , 18, 19-27	14
1714	2-Dialkynyl derivatives of (N)-methanocarba nucleosides: 'Clickable' A(3) adenosine receptor-selective agonists. 2010 , 18, 508-17	22
1713	Synthesis of 1-(D-glucopyranosyl)-1,2,3-triazoles and their evaluation as glycogen phosphorylase inhibitors. 2010 , 18, 1171-80	63
1712	Synthesis of theophylline derivatives and study of their activity as antagonists at adenosine receptors. 2010 , 18, 2081-2088	11
1711	1H-1,2,3-triazol-1-yl thiodigalactoside derivatives as high affinity galectin-3 inhibitors. 2010 , 18, 5367-78	71
1710	Design, synthesis and in vitro antimalarial evaluation of triazole-linked chalcone and dienone hybrid compounds. 2010 , 18, 8243-56	140
1709	Click chemistry to probe Hsp90: Synthesis and evaluation of a series of triazole-containing novobiocin analogues. 2010 , 20, 3957-60	56
1708	Synthesis of Tc-99m labeled 1,2,3-triazole-4-yl c-met binding peptide as a potential c-met receptor kinase positive tumor imaging agent. 2010 , 20, 4240-3	27
1707	A DOTA-peptide conjugate by copper-free click chemistry. 2010 , 20, 4805-7	33
1706	Synthesis of novel cyclic NGR/RGD peptide analogs via on resin click chemistry. 2010 , 20, 7337-40	24
1705	Click chemistry: studies on the synthesis of novel fluoros tagged triazol-4-yl substituted quinazoline derivatives and their biological evaluation--theoretical and experimental validation. 2010 , 45, 78-84	31
1704	Synthesis and theoretical studies on energetics of novel N- and O- perfluoroalkyl triazole tagged thienopyrimidines--their potential as adenosine receptor ligands. 2010 , 45, 1739-45	26
1703	Synthesis and dual PPARalpha/delta agonist effects of 1,4-disubstituted 1,2,3-triazole analogues of GW 501516. 2010 , 45, 3047-55	25
1702	Design, synthesis and antimicrobial activities of some new quinoline derivatives carrying 1,2,3-triazole moiety. 2010 , 45, 3803-10	107
1701	Synthesis and cytotoxicity evaluation of novel 1,4-disubstituted 1,2,3-triazoles via CuI catalysed 1,3-dipolar cycloaddition. 2010 , 45, 5044-50	36
1700	In-crystal chemical ligation for lead compound generation. 2010 , 43, 1329-1337	6
1699	Azide reduction during peptide cleavage from solid support-the choice of thioscavenger?. 2010 , 16, 10-4	22
1698	Plant chemical genetics. 2010 , 185, 15-26	42

- 1697 Antibiotic discovery in the twenty-first century: current trends and future perspectives. **2010**, 63, 423-30 173
- 1696 The Diels-Alder-reaction with inverse-electron-demand, a very efficient versatile click-reaction concept for proper ligation of variable molecular partners. **2009**, 7, 19-28 46
- 1695 N,N'-(1,2-Phenylene)-bis[4-(azidomethyl)benzamide]. **2010**, 2010, M707
- 1694 Synthesis and Antitubercular Evaluation of New Bis-1,2,3-Triazoles Derived from D-Mannitol. **2010**, 29, 265-274 10
- 1693 Reusable polymer-supported copper catalyst for one-pot synthesis of 1-alkyl- and 1-aryl-1,2,3-triazoles: green, simple, and effective. **2010**, 3, 121-125 21
- 1692 Rapid and Facile Synthesis of Spiro[Indole-3,3'-[1,2,4]Triazol]-2(1H)-Ones. **2010**, 34, 200-202 5
- 1691 Synthesis of Azide-alkyne Fragments for 'Click' Chemical Applications. Formation of Chiral 1,4-Disubstituted-(β -alkyl)-1,2,3-triazole Scaffolds from Orthogonally Protected Chiral β -alkyl-trialkylsilyl-pentynyl Azides and Chiral β -alkyl-pentynyl-alcohols. **2010**, 63, 1541 2
- 1690 Design and development of molecular imaging probes. **2010**, 10, 1227-36 146
- 1689 Development of specific inhibitors of CYP707A, a key enzyme in the catabolism of abscisic acid. **2010**, 17, 3230-44 11
- 1688 Syntheses of click PEG-dexamethasone conjugates for the treatment of rheumatoid arthritis. **2010**, 11, 2621-8 75
- 1687 Synthesis of oligonucleotides carrying amino lipid groups at the 3'-end for RNA interference studies. **2010**, 75, 6806-13 24
- 1686 Click-chemistry-derived triazole ligands of arginine-glycine-aspartate (RGD) integrins with a broad capacity to inhibit adhesion of melanoma cells and both in vitro and in vivo angiogenesis. **2010**, 53, 7119-28 44
- 1685 Peptide-Functionalized Click Hydrogels with Independently Tunable Mechanics and Chemical Functionality for 3D Cell Culture. **2010**, 22, 4783-4790 176
- 1684 Macromolecular Engineering through Click Chemistry and Other Efficient Transformations. **2010**, 43, 1-13 615
- 1683 Controlled synthesis of linear alpha-cyclodextrin oligomers using copper-catalyzed Huisgen 1,3-dipolar cycloaddition. **2010**, 12, 3096-9 24
- 1682 β -Cyclodextrin-Capped Polyrotaxanes: One-Pot Facile Synthesis via Click Chemistry and Use as Templates for Platinum Nanowires. **2010**, 43, 2252-2260 53
- 1681 Immobilization of calix[4]arene-based glycoclusters on TiO₂ nanoparticles via click Cu(I)-catalyzed azide-alkyne coupling. **2010**, 46, 475-7 32
- 1680 An efficient approach to the discovery of potent inhibitors against glycosyltransferases. **2010**, 53, 5607-19 32

1679	Copper-free click chemistry for highly luminescent quantum dot conjugates: application to in vivo metabolic imaging. 2010 , 21, 583-8	143
1678	Metal chelating systems synthesized using the copper(I) catalyzed azide-alkyne cycloaddition. 2010 , 39, 675-96	328
1677	Zeolites and other silicon-based promoters in carbohydrate chemistry. 2010 , 63, 29-99	12
1676	A facile route for the preparation of azide-terminated polymers. Clicking polyelectrolyte brushes on planar surfaces and nanochannels. 2010 , 1, 183-192	50
1675	Copper(II)/copper(I)-catalyzed aza-Michael addition/click reaction of in situ generated alpha-azidohydrazones: synthesis of novel pyrazolone-triazole framework. 2010 , 12, 468-71	53
1674	Ionic-liquid-based catch and release mass spectroscopy tags for enzyme monitoring. 2010 , 46, 8968-70	24
1673	Clickable peptide nucleic acids (cPNA) with tunable affinity. 2010 , 46, 5476-8	22
1672	Synthesis of DOTA-conjugated multimeric [Tyr ³]octreotide peptides via a combination of Cu(I)-catalyzed "click" cycloaddition and thio acid/sulfonyl azide "sulfo-click" amidation and their in vivo evaluation. 2010 , 53, 3944-53	73
1671	Synthesis, biological activity, and molecular modeling studies of 1H-1,2,3-triazole derivatives of carbohydrates as alpha-glucosidases inhibitors. 2010 , 53, 2364-75	204
1670	Amphiphilic carbohydrate-phthalocyanine conjugates obtained by glycosylation or by azide-alkyne click reaction. 2010 , 34, 1153	39
1669	Click Reactions: Novel Chemistries for Forming Well-defined Polyester Nanoparticles. 2010 , 43, 5665-5671	45
1668	A rapid and robust assay for detection of S-phase cell cycle progression in plant cells and tissues by using ethynyl deoxyuridine. 2010 , 6, 5	125
1667	Monocyclic Hetarenes with Electron Aromatic Sextet. 2010 , 99, 61-105	7
1666	Getting a chemical handle on protein post-translational modification. 2010 , 8, 731-8	46
1665	N-heterocyclic donor- and acceptor-type ligands based on 2-(1H-[1,2,3]triazol-4-yl)pyridines and their ruthenium(II) complexes. 2010 , 75, 4025-38	56
1664	An improved high yielding immobilization of vanadium Schiff base complexes on mesoporous silica via azide-alkyne cycloaddition for the oxidation of sulfides. 2010 , 12, 374	69
1663	"Click" reaction in conjunction with diazeniumdiolate chemistry: developing high-load nitric oxide donors. 2010 , 12, 4256-9	20
1662	Functionalized congeners of P2Y1 receptor antagonists: 2-alkynyl (N)-methanocarba 2'-deoxyadenosine 3',5'-bisphosphate analogues and conjugation to a polyamidoamine (PAMAM) dendrimer carrier. 2010 , 21, 1190-205	19

1661	Synthesis of an azide-tagged library of 2,3-dihydro-4-quinolones. 2010 , 75, 1756-9	18
1660	An aldol-based build/couple/pair strategy for the synthesis of medium- and large-sized rings: discovery of macrocyclic histone deacetylase inhibitors. 2010 , 132, 16962-76	183
1659	Comparison of the structure and stability of new π -diimine complexes of copper(I) and silver(I): density functional theory versus experimental. 2010 , 49, 8699-708	35
1658	Functional characterization of the cyclomarin/cyclomarazine prenyltransferase CymD directs the biosynthesis of unnatural cyclic peptides. 2010 , 73, 373-7	51
1657	Synthesis of diheterocyclic compounds based on triazolyl methoxy phenylquinazolines via a one-pot four-component-click reaction. 2010 , 12, 638-42	36
1656	A novel potent nicotinamide phosphoribosyltransferase inhibitor synthesized via click chemistry. 2010 , 53, 616-23	69
1655	Regioselective intramolecular dipolar cycloaddition of azides and unsymmetrical alkynes. 2010 , 12, 336-9	44
1654	2-Anthryltriazolyl-containing multidentate ligands: zinc-coordination mediated photophysical processes and potential in live-cell imaging applications. 2010 , 49, 4278-87	63
1653	"Clicktophycin-52": a bioactive cryptophycin-52 triazole analogue. 2010 , 12, 1064-7	71
1652	First metal-containing histamine H3 receptor ligands. 2010 , 12, 2578-81	20
1651	Regioselective syntheses of fully-substituted 1,2,3-triazoles: the CuAAC/C-H bond functionalization nexus. 2010 , 8, 4503-13	220
1650	Heterocycles in organic synthesis: thiazoles and triazoles as exemplar cases of synthetic auxiliaries. 2010 , 8, 3366-85	68
1649	Conjugation of ligands to the surface of preformed liposomes by click chemistry. 2010 , 605, 267-77	16
1648	"Double click" reaction on 7-deazaguanine DNA: synthesis and excimer fluorescence of nucleosides and oligonucleotides with branched side chains decorated with proximal pyrenes. 2010 , 75, 284-95	74
1647	A Convenient Entry to New C-7-Modified Colchicinoids through Azide Alkyne [3+2] Cycloaddition: Application of Ring-Contractive Rearrangements. 2010 , 82, 1585	8
1646	Kinetic target-guided synthesis. 2010 , 39, 1316-24	57
1645	Visual detection of ascorbic acid via alkyne-azide click reaction using gold nanoparticles as a colorimetric probe. 2010 , 135, 1579-84	74
1644	Synthesis and biological evaluation of a triazole-based library of pyrido[2,3-d]pyrimidines as FGFR3 tyrosine kinase inhibitors. 2010 , 8, 2164-73	44

1643	Triazole-containing BODIPY dyes as novel fluorescent probes for soluble oligomers of amyloid Abeta1-42 peptide. 2010 , 391, 1455-8	41
1642	A facile and efficient strategy for one-step in situ preparation of hydrophobic organic monolithic stationary phases by click chemistry and its application on protein separation. 2010 , 82, 404-8	33
1641	GPCR ligand-dendrimer (GLiDe) conjugates: future smart drugs?. 2010 , 31, 575-9	17
1640	Selective gamma-ketoaldehyde scavengers protect Nav1.5 from oxidant-induced inactivation. 2010 , 48, 352-9	27
1639	Torquoselectivity studies in the generation of azomethine ylides from substituted aziridines. 2010 , 75, 2510-7	13
1638	Tris(triazolyl)triazine via click-chemistry: a C3 electron-deficient core with liquid crystalline and luminescent properties. 2010 , 12, 1404-7	81
1637	One pot 'click' reactions: tandem enantioselective biocatalytic epoxide ring opening and [3+2] azide alkyne cycloaddition. 2010 , 46, 898-900	92
1636	Biocompatible copper(I) catalysts for in vivo imaging of glycans. 2010 , 132, 16893-9	318
1635	Rhodamine triazole-based fluorescent probe for the detection of Pt(2+). 2010 , 12, 5342-5	67
1634	Wet chemical routes to the assembly of organic monolayers on silicon surfaces via the formation of Si-C bonds: surface preparation, passivation and functionalization. 2010 , 39, 2158-83	258
1633	Synthesis of azide-alkyne fragments for "click" chemical applications. Part 2. Formation of oligomers from orthogonally protected chiral trialkylsilylhomopropargyl azides and homopropargyl alcohols. 2010 , 75, 390-8	32
1632	"Click" synthesis of nonsymmetrical bis(1,2,3-triazoles). 2010 , 12, 1584-7	39
1631	"Clicked" bivalent ligands containing curcumin and cholesterol as multifunctional abeta oligomerization inhibitors: design, synthesis, and biological characterization. 2010 , 53, 6198-209	55
1630	A ligand-free copper (I) catalysed intramolecular N-arylation of diazoaminobenzenes in PEG-water: an expeditious protocol towards regiospecific 1-aryl benzotriazoles. 2010 , 8, 4720-9	37
1629	General solution to the synthesis of N-2-substituted 1,2,3-triazoles. 2010 , 12, 4632-5	72
1628	The use of click chemistry in the emerging field of catalomics. 2010 , 8, 1749-62	51
1627	Tricks with clicks: modification of peptidomimetic oligomers via copper-catalyzed azide-alkyne [3 + 2] cycloaddition. 2010 , 39, 1325-37	281
1626	N-((1-benzyl-1H-1,2,3-triazol-4-yl)methyl)arylamide as a new scaffold that provides rapid access to antimicrotubule agents: synthesis and evaluation of antiproliferative activity against select cancer cell lines. 2010 , 53, 3389-95	84

1625	Nonpeptidic tetrafluorophenoxymethyl ketone cruzain inhibitors as promising new leads for Chagas disease chemotherapy. 2010 , 53, 1763-73	92
1624	Dynamic glycovesicle systems for amplified QCM detection of carbohydrate-lectin multivalent biorecognition. 2010 , 46, 2441-3	48
1623	Symptomatic relief of botulinum neurotoxin/a intoxication with aminopyridines: a new twist on an old molecule. 2010 , 5, 1183-91	21
1622	Molecular Imaging for Integrated Medical Therapy and Drug Development. 2010 ,	3
1621	A multicomponent CuAAC "click" approach to a library of hybrid polydentate 2-pyridyl-1,2,3-triazole ligands: new building blocks for the generation of metallosupramolecular architectures. 2010 , 612-23	161
1620	Synthesis of 6-amino-5-cyano-1,4-disubstituted-2(1H)-pyrimidinones via copper(I)-catalyzed alkyne-azide 'click chemistry' and their reactivity. 2010 , 15, 8841-55	3
1619	Library of 1,4-disubstituted 1,2,3-triazole analogs of oxazolidinone RNA-binding agents. 2010 , 12, 491-6	32
1618	Strategies for discovering and derisking covalent, irreversible enzyme inhibitors. 2010 , 2, 949-64	273
1617	Development of trifunctional probes for glycoproteomic analysis. 2010 , 46, 5575-7	27
1616	Charge dependent substrate activity of C3' and N3 functionalized, organometallic technetium and rhenium-labeled thymidine derivatives toward human thymidine kinase 1. 2010 , 21, 622-34	24
1615	"Click" synthesis of small molecule-peptide conjugates for organelle-specific delivery and inhibition of lysosomal cysteine proteases. 2010 , 46, 8407-9	34
1614	Bioluminescent nanosensors for protease detection based upon gold nanoparticle-luciferase conjugates. 2010 , 46, 76-8	89
1613	Conjugates of a novel 7-substituted camptothecin with RGD-peptides as $\alpha(v)\beta_3$ integrin ligands: An approach to tumor-targeted therapy. 2010 , 21, 1956-67	24
1612	Water-soluble benzo- and naphtho-thiadiazole-based bistriazoles and their metal-binding properties. 2010 , 46, 1419-21	28
1611	Natural product mode of action (MOA) studies: a link between natural and synthetic worlds. 2010 , 27, 969-95	39
1610	Conformational and supramolecular properties of main chain and cyclic click oligotriazoles and polytriazoles. 2010 , 46, 3437-53	66
1609	"Click" tetradentate ligands. 2010 , 39, 2660-6	52
1608	A new cross-linking strategy: protein interaction reporter (PIR) technology for protein-protein interaction studies. 2010 , 6, 939-47	104

1607	Clicked dipicolinic antennae for lanthanide luminescent probes. 2010 , 39, 7091-7	36
1606	Sliding Supramolecular Polymer Brushes with Tunable Amphiphilicity: One-Step Parallel Click Synthesis and Self-Assembly. 2010 , 43, 7139-7146	43
1605	Conformational remodeling of femtomolar inhibitor-acetylcholinesterase complexes in the crystalline state. 2010 , 132, 18292-300	23
1604	Fluoroglycoproteins: ready chemical site-selective incorporation of fluorosugars into proteins. 2010 , 46, 8142-4	47
1603	Polyethylenes bearing a terminal porphyrin group. 2011 , 47, 7057-9	24
1602	Iron(III) chloride as an efficient catalyst for stereoselective synthesis of glycosyl azides and a cocatalyst with Cu(0) for the subsequent click chemistry. 2011 , 47, 10440-2	52
1601	Selection of a synthetic glycan oligomer from a library of DNA-templated fragments against DC-SIGN and inhibition of HIV gp120 binding to dendritic cells. 2011 , 47, 9321-3	82
1600	Anomeric effect in N-azidomethylpyrrolidine: gas-phase electron diffraction and theoretical study. 2011 , 13, 1490-8	3
1599	Convergent synthesis and inclusion properties of novel C _n -symmetric triazole-linked cycloglucopyranosides. 2011 , 47, 1240-2	20
1598	Triazole-substituted N-hydroxyindol-2-carboxylates as inhibitors of isoform 5 of human lactate dehydrogenase (hLDH5). 2011 , 2, 638	22
1597	Targeting glycolysis: a fragment based approach towards bifunctional inhibitors of hLDH-5. 2011 , 47, 230-2	21
1596	Fabrication of vesicle-like dual-responsive click capsules by direct covalent layer-by-layer assembly. 2011 , 7, 10850	10
1595	Stereoselective Synthesis of Phenyl-1,2,3-triazoles Containing (E)-Vinyl Halide Group via a One-Pot, Three-Component Reaction. 2011 , 41, 1267-1275	5
1594	Design, synthesis and biological evaluation of novel benzothiazole and triazole analogs as falcipain inhibitors. 2011 , 2, 1201	19
1593	Libraries on Oxetane α -Amino Acid Scaffolds: Syntheses and Evaluation of Physicochemical and Metabolic Properties. 2011 , 30, 498-548	8
1592	Anionic Synthesis of Mono- and Heterotelechelic Polystyrenes via Thiol-Ene Click Chemistry and Hydrosilylation. 2011 , 44, 3328-3337	36
1591	Physiologically relevant oxidative degradation of oligo(proline) cross-linked polymeric scaffolds. 2011 , 12, 4357-66	83
1590	New synthetic methodology for the construction of 7-substituted farnesyl diphosphate analogs. 2011 , 13, 3576-9	17

1589	Intrinsically fluorescent glycoligands to study metal selectivity. 2011 , 50, 11353-62	19
1588	Development and evaluation of endothelin-A receptor (radio)ligands for positron emission tomography. 2011 , 54, 939-48	17
1587	Cobalt complexes with "Click"-derived functional tripodal ligands: spin crossover and coordination ambivalence. 2011 , 50, 6114-21	56
1586	An activated triple bond linker enables 'click' attachment of peptides to oligonucleotides on solid support. 2011 , 39, 9047-59	28
1585	Structure-based discovery of inhibitors of microsomal prostaglandin E2 synthase-1, 5-lipoxygenase and 5-lipoxygenase-activating protein: promising hits for the development of new anti-inflammatory agents. 2011 , 54, 1565-75	121
1584	Nucleophilic ring-opening of epoxide and aziridine acetates for the stereodivergent synthesis of β -hydroxy and β -amino β -lactams. 2011 , 76, 948-62	31
1583	A photolabile linker for the solid-phase synthesis of 4-substituted NH-1,2,3-triazoles. 2011 , 47, 3278-80	15
1582	Highly dispersed silica-supported nanocopper as an efficient heterogeneous catalyst: application in the synthesis of 1,2,3-triazoles and thioethers. 2011 , 1, 1512	80
1581	Neoglycoconjugate. 2011 , 197-208	
1580	Solid-phase synthesis of smac peptidomimetics incorporating triazoloproline and biarylalanines. 2011 , 13, 667-75	14
1579	Unprecedented Cu-catalyzed coupling of internal 1,3-diyne with azides: one-pot tandem cyclizations involving 1,3-dipolar cycloaddition and carbocyclization furnishing naphthotriazoles. 2011 , 13, 3162-5	27
1578	Pharmacological significance of triazole scaffold. 2011 , 26, 1-21	301
1577	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. 2011 , 76, 5584-97	46
1576	Design and synthesis of bile acid-peptide conjugates linked via triazole moiety. 2011 , 9, 4921-6	46
1575	pH-Responsive Polymers for the Intracellular Delivery of Biomolecular Drugs. 2011 , 357-375	1
1574	Synthesis of Azide-armed β -1-C-Alkyl-imino-d-xylitol Derivatives as Key Building Blocks for the Preparation of Iminosugar Click Conjugates. 2011 , 30, 559-574	15
1573	A Facile Method to Fabricate Hierarchical Particulates for Superhydrophobic Surfaces by Diisocyanate Reactions. 2011 , 25, 1393-1401	2
1572	High temperature synthesis of vinyl terminated polymers based on dendronized acrylates: a detailed product analysis study. 2011 , 2, 1163-1173	15

- 1571 Synthesis and characterization of biodegradable and thermosensitive polymeric micelles with covalently bound doxorubicin-glucuronide prodrug via click chemistry. **2011**, 22, 2519-30 49
- 1570 Chapter 4. Microwave Assisted Chemistry. 63-89
- 1569 Structure-Antimicrobial Activity Relationship of 4- or 5-Substituted 1-(2,6-Dichloro-4-trifluoromethylphenyl)-1H-1,2,3-triazole Analogues. **2011**, 54, 1
- 1568 Efficient one-pot synthesis of polysubstituted 6-[(1H-1,2,3-triazol-1-yl)methyl]uracils through the click protocol. **2011**, 76, 1121-1131 8
- 1567 Alkynes as an eco-compatible π -calli functionality orthogonal to biological conditions in water. **2011**, 2, 1241-1249 35
- 1566 Experimental investigation on the mechanism of chelation-assisted, copper(II) acetate-accelerated azide-alkyne cycloaddition. **2011**, 133, 13984-4001 143
- 1565 Novel RGD Peptidomimetics Embedding 1,2,3-Triazole as Central Scaffold; Synthesis and Integrin Affinity. **2011**, 8, 401-405
- 1564 Tandem "click" reactions at acetylene-terminated Si(100) monolayers. **2011**, 27, 6940-9 40
- 1563 Palladium(II) complexes of readily functionalized bidentate 2-pyridyl-1,2,3-triazole "click" ligands: a synthetic, structural, spectroscopic, and computational study. **2011**, 50, 6334-46 98
- 1562 Patterned surface derivatization using Diels-Alder photoclick reaction. **2011**, 133, 15730-6 82
- 1561 Radiometals (non-Tc, non-Re) and Bifunctional Labeling Chemistry. **2011**, 2143-2178 6
- 1560 Development of ultra-high sensitive and selective electrochemiluminescent sensor for copper(II) ions: a novel strategy for modification of gold electrode using click chemistry. **2011**, 136, 1580-5 40
- 1559 Lead generation and examples opinion regarding how to follow up hits. **2011**, 493, 383-419 31
- 1558 Tris(triazolyl) calix[6]arene-based zinc and copper funnel complexes: imidazole-like or pyridine-like? A comparative study. **2011**, 50, 10985-93 18
- 1557 Electrogenated chemiluminescence of triazole-modified deoxycytidine analogues in N,N-dimethylformamide. **2011**, 13, 17405-12 13
- 1556 Protecting group-free glycoligation by the desulfurative rearrangement of allylic disulfides as a means of assembly of oligosaccharide mimetics. **2011**, 76, 3691-709 12
- 1555 Cytocompatible click-based hydrogels with dynamically tunable properties through orthogonal photoconjugation and photocleavage reactions. **2011**, 3, 925-31 528
- 1554 Silicium dioxide nanoparticles as carriers for photoactivatable CO-releasing molecules (PhotoCORMs). **2011**, 50, 4362-7 124

1553	Developing visible fluorogenic 'click-on' dyes for cellular imaging. 2011 , 22, 1758-62	38
1552	Efficient approach to novel 1H-triazolyl-5H-androstane derivatives as potent antiproliferative agents. 2011 , 9, 8051-7	21
1551	The molecular level modification of surfaces: from self-assembled monolayers to complex molecular assemblies. 2011 , 40, 2704-18	386
1550	Preparation of 18F-labeled peptides using the copper(I)-catalyzed azide-alkyne 1,3-dipolar cycloaddition. 2011 , 6, 1718-25	38
1549	Target identification and validation of novel antimalarials. 2011 , 6, 693-704	30
1548	Triazole: a unique building block for the construction of functional materials. 2011 , 47, 8740-9	135
1547	Generation of profluorescent isoindoline nitroxides using click chemistry. 2011 , 76, 4964-72	37
1546	Triazole ligands reveal distinct molecular features that induce histamine H4 receptor affinity and subtly govern H4/H3 subtype selectivity. 2011 , 54, 1693-703	34
1545	Rapid preparation of triazolyl substituted NH-heterocyclic kinase inhibitors via one-pot Sonogashira coupling-TMS-deprotection-CuAAC sequence. 2011 , 9, 5129-36	32
1544	Polysaccharides: The 'click' Chemistry Impact. 2011 , 3, 1607-1651	68
1543	Calix[4]bis(spirodienone) as a versatile synthon for upper rim alkoxylation of calixarenes and synthesis of novel triazole-based bis-calixarene by CuAAC chemistry. 2011 , 23, 501-508	5
1542	Synthesis of an NDPK phosphocarrier domain peptide containing a novel triazolylalanine analogue of phosphohistidine using click chemistry. 2011 , 13, 5604-7	12
1541	Synthesis of (Tetrahydrofuranyl)methyl-1,2,3-triazoles Through Alkyne-Azide Cycloaddition Catalyzed by a Dithioic Acid Copper(I) Complex. 2011 , 41, 2966-2973	6
1540	Substituent effects on the rate of formation of azomethine ylides. A computational investigation. 2011 , 9, 6335-42	3
1539	A rapid and facile method for the general synthesis of 3-aryl substituted 4,5,6,7-tetrahydro[1,2,3]triazolo[1,5-a]pyrazines and their ring fused analogues. 2011 , 9, 5856-62	17
1538	Synthesis of MUC1 Neoglycopeptides using efficient microwave-enhanced chaotrope-assisted click chemistry. 2011 , 9, 1621-6	31
1537	Synthesis and anti-HIV evaluation of 3'-triazolo nucleosides. 2011 , 30, 264-70	8
1536	Strain-promoted 1,3-dipolar cycloadditions of diazo compounds with cyclooctynes. 2011 , 89, 148-151	22

1535	Group A Streptococcal Vaccine Candidates based on the Conserved Conformational Epitope from M Protein. 2011 , 1, 2-8	3
1534	The Amazing Transglycosylation Activity of Endo- β -N-acetylglucosaminidases. 2011 , 23, 33-52	25
1533	Click Chemistry Under Microwave or Ultrasound Irradiation. 2011 , 15, 189-203	31
1532	Abundance- and Activity-Based Proteomics in Platelet Biology. 2011 , 8, 216-228	4
1531	Modification of Carbon Nanotubes by Layer-by-Layer Assembly Approach. 2011 , 25-50	
1530	Mass Spectrometry in the Analysis of DNA, Protein, Peptide, and Lipid Biomarkers of Oxidative Stress. 2011 , 645-683	
1529	Synthesis and biological evaluation of isosteric analogs of mandipropamid for the control of oomycete pathogens. 2011 , 78, 101-11	11
1528	Synthesis of 4-aminoquinoline-1,2,3-triazole and 4-aminoquinoline-1,2,3-triazole-1,3,5-triazine hybrids as potential antimalarial agents. 2011 , 78, 124-36	78
1527	A biomolecule-compatible visible-light-induced azide reduction from a DNA-encoded reaction-discovery system. 2011 , 3, 146-53	210
1526	Click Synthesis of triazole-based spirostan saponin analogs. 2011 , 67, 7713-7727	38
1525	A theoretical study of the effect of copper(I) chloride on the azido/tetrazole isomerism. 2011 , 67, 8724-8730	8
1524	Diversity-oriented syntheses of 7-substituted lentiginosines. 2011 , 67, 9555-9564	17
1523	Modular synthesis of mono, di, and tri-1,4-disubstituted-1,2,3-triazoles through copper-mediated alkyne-azide cycloaddition. 2011 , 52, 6086-6090	21
1522	Hydroxyapatite-supported copper(II)-catalyzed azide-alkyne [3+2] cycloaddition with neither reducing agents nor bases in water. 2011 , 52, 6916-6918	46
1521	Probing small molecule-protein interactions: A new perspective for functional proteomics. 2011 , 75, 100-15	32
1520	Synthesis and biological activities of triazole derivatives as inhibitors of InhA and antituberculosis agents. 2011 , 46, 5524-31	69
1519	Expanding the scope of Click-derived 1,2,3-triazole ligands: New palladium and platinum complexes. 2011 , 374, 253-260	51
1518	Photoligation of self-assembled DNA constructs containing anthracene-functionalized 2'-amino-LNA monomers. 2011 , 19, 7407-15	11

1517	Synthesis of a hypoxia-targeted conjugate of the cardioprotective agent 3',4'-dihydroxyflavonol and evaluation of its ability to reduce ischaemia/reperfusion injury. 2011 , 21, 5102-6	7
1516	Lipid and sulfur substituted prenylcysteine analogs as human Icmt inhibitors. 2011 , 21, 5616-9	13
1515	Synthesis of glycoconjugate carbonic anhydrase inhibitors by ruthenium-catalysed azide-alkyne 1,3-dipolar cycloaddition. 2011 , 21, 6058-61	22
1514	Synthesis and testing of trifluoromethyl-containing phosphonate-peptide conjugates as inhibitors of serine hydrolases. 2011 , 21, 7216-8	11
1513	[18F]azadibenzocyclooctyne ([18F]ADIBO): a biocompatible radioactive labeling synthon for peptides using catalyst free [3+2] cycloaddition. 2011 , 21, 6987-91	40
1512	Synthesis of quinoline coupled [1,2,3]-triazoles as a promising class of anti-tuberculosis agents. 2011 , 346, 2084-90	69
1511	Light-induced hetero-Diels-Alder cycloaddition: a facile and selective photoclick reaction. 2011 , 133, 5573-9	105
1510	Steroid/triterpenoid functional molecules based on "click chemistry". 2011 , 6, 2636-47	20
1509	Sulfated ligands for the copper(I)-catalyzed azide-alkyne cycloaddition. 2011 , 6, 2796-802	88
1508	10 years of click chemistry: synthesis and applications of ferrocene-derived triazoles. 2011 , 6, 2670-94	102
1507	Ligand-assisted, copper(II) acetate-accelerated azide-alkyne cycloaddition. 2011 , 6, 2825-34	43
1506	Click chemistry: 1,2,3-triazoles as pharmacophores. 2011 , 6, 2696-718	850
1505	Triazole-linked DNA as a primer surrogate in the synthesis of first-strand cDNA. 2011 , 6, 2956-60	12
1504	Multiresponsive polymers: nano-sized assemblies, stimuli-sensitive gels and smart surfaces. 2011 , 2, 1234	182
1503	A modular reaction pairing approach to the diversity-oriented synthesis of fused- and bridged-polycyclic sultams. 2011 , 13, 5148-51	27
1502	Expanding cyclitol structural diversity by biocatalysis and metalocatalysis. A click chemistry approach. 2011 , 15, 163-72	16
1501	Targeting tuberculosis through a small focused library of 1,2,3-triazoles. 2011 , 15, 1017-24	38
1500	In-column "click" preparation of hydrophobic organic monolithic stationary phases for protein separation. 2011 , 399, 3407-13	24

1499	Synthesis and biological evaluation of triazole analogues of antillatoxin. 2011 , 67, 6659-6672	8
1498	Synthesis of the hemoglobin-conjugated polymer micelles by click chemistry as the oxygen carriers. 2011 , 22, 1266-1271	17
1497	Synthesis of main-chain poly(carbazole)s via CuAAC. 2011 , 49, 1421-1426	19
1496	Exhaustive glycosylation, PEGylation, and glutathionylation of a [G4]-ene(48) dendrimer via photoinduced thiol-ene coupling. 2011 , 49, 4468-4475	48
1495	Metabolic delivery of methacryloyl groups on living cells and cell surface modification via thiol-ene "click" reaction. 2011 , 11, 1478-83	6
1494	Estrogen receptor ligands: recent advances and biomedical applications. 2011 , 31, 364-442	119
1493	Regioselective synthesis and structural elucidation of 1,4-disubstituted 1,2,3-triazole derivatives using 1D and 2D NMR spectral techniques. 2011 , 49, 824-9	1
1492	A comparison of triazole-forming bioconjugation techniques for constructing comb-shaped peptide-polymer bioconjugates. 2011 , 32, 203-8	21
1491	Direct synthesis of biodegradable polysaccharide derivative hydrogels through aqueous Diels-Alder chemistry. 2011 , 32, 905-11	113
1490	Insights into Supported Copper(II)-Catalyzed Azide-Alkyne Cycloaddition in Water. 2011 , 353, 1534-1542	66
1489	Asymmetric Aerobic Oxidation of β -Hydroxy Acid Derivatives Catalyzed by Reusable, Polystyrene-Supported Chiral N-Salicylidene Oxidovanadium tert-Leucinates. 2011 , 353, 1234-1240	31
1488	Recent Developments in Neoglycopeptide Synthesis. 2011 , 359-391	3
1487	Huisgen Cycloaddition in Peptidomimetic Chemistry. 2011 , 99-127	3
1486	One-Pot Sequential Azide-Alkyne [3+2] Cycloaddition and Atom Transfer Radical Addition (ATRA): Expanding the Scope of In Situ Copper(I) Regeneration in the Presence of Environmentally Benign Reducing Agent. 2011 , 2011, 1292-1301	16
1485	Copper(I) Complexes of Normal and Abnormal Carbenes and Their Use as Catalysts for the Huisgen [3+2] Cycloaddition between Azides and Alkynes. 2011 , 2011, 3067-3075	104
1484	Ionic Liquid Brush as a Highly Efficient and Reusable Catalyst for On-Water Nucleophilic Substitutions. 2011 , 2011, 229-233	21
1483	Synthesis of Trifunctional Phosphatidylserine Probes for Identification of Lipid-Binding Proteins. 2011 , 2011, 751-758	17
1482	B-ring-modified isocombretastatin A-4 analogues endowed with interesting anticancer activities. 2011 , 6, 2179-91	38

- 1481 An Efficient One-Pot, Four-Component Synthesis of
 {{{(1H-1,2,3-Triazol-4-yl)methoxy}phenyl}-1H-pyrazolo[1,2-b]phthalazine-5,10-dione Derivatives. **2011**, 94, 1416-1425 13
- 1480 Click Synthesis of 1H-1,2,3-Triazolyl-Based Oxiconazole
 (= (1Z)-1-(2,4-Dichlorophenyl)-2-(1H-imidazol-1-yl)ethanone O-[(2,4-Dichlorophenyl)methyl]oxime)
 Analogs. **2011**, 94, 2194-2206 13
- 1479 Functionalization of multi-walled carbon nanotubes with poly(ϵ -caprolactone) using click chemistry. **2011**, 119, 31-37 21
- 1478 Highly N2-Selective Palladium-Catalyzed Arylation of 1,2,3-Triazoles. **2011**, 123, 9106-9109 32
- 1477 Highly N2-selective palladium-catalyzed arylation of 1,2,3-triazoles. **2011**, 50, 8944-7 119
- 1476 Copper-catalyzed azide-alkyne cycloaddition in the synthesis of polydiacetylene: "click glycoliposome" as biosensors for the specific detection of lectins. **2011**, 17, 1828-36 37
- 1475 Organocatalytic enamide-azide cycloaddition reactions: regiospecific synthesis of
 1,4,5-trisubstituted-1,2,3-triazoles. **2011**, 17, 3584-7 198
- 1474 Synthesis and binding studies of novel diethynyl-pyridine amides with genomic promoter DNA
 G-quadruplexes. **2011**, 17, 4571-81 56
- 1473 Synthesis of dodecavalent fullerene-based glycoclusters and evaluation of their binding properties
 towards a bacterial lectin. **2011**, 17, 3252-61 103
- 1472 Expanding the scope of aminosugars: synthesis of 2-amino septanosyl glycoconjugates using
 septanosyl fluoride donors. **2011**, 17, 7357-65 15
- 1471 Clickable functionalization of liposomes with the gH625 peptide from Herpes simplex virus type I
 for intracellular drug delivery. **2011**, 17, 12659-68 53
- 1470 Water-soluble prodrug of antimicrotubule agent plinabulin: effective strategy with click chemistry. **2011**, 17, 12587-90 14
- 1469 Synthesis of a new smart temperature responsive glycopolymer via click-polymerisation. **2011**, 47, 61-69 28
- 1468 Abscinazole-E1, a novel chemical tool for exploring the role of ABA 8'-hydroxylase CYP707A. **2011**,
 19, 406-13 10
- 1467 Stoichiometry-focused (18)F-labeling of alkyne-substituted oligodeoxynucleotides using
 azido-[(18)F]fluoromethyl)benzenes by Cu-catalyzed Huisgen reaction. **2011**, 19, 249-55 16
- 1466 Synthesis and triplex-forming ability of oligonucleotides bearing 1-substituted 1H-1,2,3-triazole
 nucleobases. **2011**, 19, 1162-6 15
- 1465 Click chemistry inspired one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles and their Src kinase
 inhibitory activity. **2011**, 21, 449-52 53
- 1464 Development of benzothiazole 'click-on' fluorogenic dyes. **2011**, 21, 320-3 20

- 1463 Molecular probes for the A2A adenosine receptor based on a pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine scaffold. **2011**, 21, 2740-5 22
- 1462 Isatin 1,2,3-triazoles as potent inhibitors against caspase-3. **2011**, 21, 1626-9 43
- 1461 Application of click chemistry towards an efficient synthesis of 1,2,3-1H-triazolyl glycohybrids as enzyme inhibitors. **2011**, 346, 16-25 51
- 1460 Biological hydrogel synthesized from hyaluronic acid, gelatin and chondroitin sulfate by click chemistry. **2011**, 7, 1618-26 122
- 1459 Highly selective fluorescent and colorimetric sensor for Hg²⁺ based on triazole-linked NBD. **2011**, 90, 239-244 62
- 1458 The novel anti-tumor agents of 4-triazol-1,8-naphthalimides: synthesis, cytotoxicity, DNA intercalation and photocleavage. **2011**, 46, 1274-9 98
- 1457 New quinolin-4-yl-1,2,3-triazoles carrying amides, sulphonamides and amidopiperazines as potential antitubercular agents. **2011**, 46, 2503-12 77
- 1456 Triazolo-linked cinchona alkaloid carbamate anion exchange-type chiral stationary phases: Synthesis by click chemistry and evaluation. **2011**, 1218, 1452-60 18
- 1455 Synthesis of glycopolymers via click reactions. **2011**, 47, 435-446 160
- 1454 Probing the reactivation process of sarin-inhibited acetylcholinesterase with β -nucleophiles: hydroxylamine anion is predicted to be a better antidote with DFT calculations. **2011**, 29, 1039-46 18
- 1453 Aryne click chemistry: synthesis of oxadisilole fused benzotriazoles or naphthotriazoles from arynes and azides. **2011**, 67, 856-859 18
- 1452 High regiocontrol in the nucleophilic ring opening of 1-alkyl-3,4-epoxypiperidines with amines β short-step synthesis of 4-fluorobenzyltrozamicol and novel anilidopiperidines. **2011**, 67, 3448-3456 13
- 1451 2-Azidoethoxy derivatives of 2-aminocyclohexanecarboxylic acids (ACHC): interesting building blocks for the synthesis of cyclic peptide conjugates. **2011**, 67, 5770-5775 5
- 1450 Chemoselective preparation of disymmetric bistriazoles from bisalkynes. **2011**, 52, 658-660 29
- 1449 Intramolecular copper(I)-catalyzed 1,3-dipolar cycloaddition of azido-alkynes: synthesis of triazolo-benzoxazepine derivatives and their biological evaluation. **2011**, 52, 806-808 35
- 1448 Syntheses and biological evaluation of new triazole-spirochromone conjugates as inhibitors of Mycobacterium tuberculosis. **2011**, 52, 2387-2389 27
- 1447 An efficient approach to 2,5-anhydro-glucitol-based 1 β -homo-N-nucleoside mimetics. **2011**, 52, 2741-2743 6
- 1446 Rhodium(II) carbene-mediated modification of 2-deoxystreptamine surrogates. **2011**, 52, 3201-3203 13

1445	Synthesis of 5-alkynyl-2,2,6-trimethyl-1,3-dioxin-4-ones and 1,4-disubstituted-1,2,3-triazoles. 2011 , 52, 4256-4261	11
1444	New approach to oligotriazoles using a cobalt complex of propargyl azides as a synthetic component. 2011 , 52, 3358-3360	8
1443	Effect of temperature on triazole and bistriazole formation through copper-catalyzed alkyne-azide cycloaddition. 2011 , 52, 3514-3517	46
1442	Potent genistein derivatives as inhibitors of estrogen receptor alpha-positive breast cancer. 2011 , 11, 883-92	33
1441	Introduction of an Artificial Cu Binding Site at the Surface of CA II: Pitfalls of Rational Design Finally Scooped by Serendipity. 2011 , 5, 1-8	
1440	The Use of Glucose as Alternative Reducing Agent in Copper-Catalyzed Alkyne-Azide Cycloaddition. 2011 , 8, 701-706	15
1439	Click Chemistry on Nano-Surfaces. 2011 , 15, 3667-3691	25
1438	Synthesis and Herbicidal Activity of O,O-Dialkyl(phenyl)-N-{1-[(6-chloropyridin-3-yl)methyl]-4-cyano-1H-1,2,3-triazol-5-yl}-1-amino-1-substitutedbenzyl-phosphoramidates. 2011 , 186, 496-502	
1437	The Power of Click Chemistry for Molecular Machines and Surface Patterning. 2011 ,	
1436	Synthesis of stable aminoacyl-tRNA analogs. 2011 , Chapter 4, Unit 4.44	1
1435	ZnO Nanoparticles: Efficient and Versatile Reagents for Synthesis of 1,4-disubstituted 1,2,3-triazoles. 2012 , 36, 9-11	9
1434	Development of a 'clickable' non-natural nucleotide to visualize the replication of non-instructional DNA lesions. 2012 , 40, 2357-67	10
1433	7-Deazapurine (Pyrrolo[2,3-d]pyrimidine) 2-Deoxyribonucleosides: Syntheses and Transformations. 2012 , 16, 161-223	21
1432	Folate based radiopharmaceuticals for imaging and therapy of cancer and inflammation. 2012 , 18, 1058-83	53
1431	Yersinia pestis and approaches to targeting its outer protein H protein-tyrosine phosphatase (YopH). 2012 , 19, 5726-34	10
1430	Recent Developments in the Synthesis and Applications of C5-Substituted Pyrimidine Nucleosides and Nucleotides. 2012 , 16, 1996-2013	22
1429	Copper-catalyzed CuAAC/intramolecular C-H arylation sequence: Synthesis of annulated 1,2,3-triazoles. 2012 , 8, 1771-7	51
1428	Chemical architecture and applications of nucleic acid derivatives containing 1,2,3-triazole functionalities synthesized via click chemistry. 2012 , 17, 12665-703	32

1427	A Straightforward and Mild Method of Tethering Monosaccharides to Thieno[2,3-d]pyrimidinones via the Copper(I)-catalyzed Azide-Alkyne Click Chemistry 2012 , 67, 1282-1288	2
1426	Dendrimers. 2012 , 413-468	4
1425	Prodrug study of plinabulin using a click strategy focused on the effects of a replaceable water-solubilizing moiety. 2012 , 60, 877-81	6
1424	Development of a hypoxia-selective near-infrared fluorescent probe for non-invasive tumor imaging. 2012 , 60, 402-7	18
1423	5-Ethynyl-2'-deoxycytidine: a DNA building block with a 'clickable' side chain. 2012 , 68, 0395-8	2
1422	Synthesis and evaluation of a photochromic surfactant for organic reactions in aqueous media. 2012 , 77, 9553-61	31
1421	Construction of polyheterocyclic benzopyran library with diverse core skeletons through diversity-oriented synthesis pathway: part II. 2012 , 14, 124-34	22
1420	Targeted Delivery Using Biodegradable Polymeric Nanoparticles. 2012 , 255-288	4
1419	Synthesis, biological evaluation and molecular docking studies of 3-(triazolyl)-coumarin derivatives: effect on inducible nitric oxide synthase. 2012 , 58, 117-27	58
1418	Convenient assembly of trimeric Lex determinants using carbosilane scaffolds by means of Huisgen cycloaddition. 2012 , 53, 6793-6796	6
1417	Copper nanoparticulates in Guar-gum: a recyclable catalytic system for the Huisgen [3 + 2]-cycloaddition of azides and alkynes without additives under ambient conditions. 2012 , 14, 1298	77
1416	Environmentally benign synthesis of heterocyclic compounds by combined microwave-assisted heterogeneous catalytic approaches 2012 , 14, 17-37	188
1415	Intramolecular Glycosidation by Click Reaction Mediated Spacer Generation Followed by Spacer Cleavage. 2012 , 2012, 6846-6851	13
1414	Double Intramolecular 1,3-Dipolar Cycloaddition of Diazo-terminal Dialkyne: Synthesis of a New Bis(1,2,3-triazolo-1,4-oxazine). 2012 , 85, 1727	4
1413	Ligand Modified CuFe ₂ O ₄ Nanoparticles as Magnetically Recoverable and Reusable Catalyst for Azide-Alkyne Click Condensation. 2012 , 86, 1023	14
1412	Microarray-guided discovery of two-photon (2P) small molecule probes for live-cell imaging of cysteinyl cathepsin activities. 2012 , 48, 7304-6	20
1411	One pot Click reaction: CuI/Bydrolalcite catalyzed tandem synthesis of β -hydroxy triazoles via regioselective opening of epoxide followed by [3+2] cycloaddition. 2012 , 2, 1264	35
1410	A general chemical synthesis platform for crosslinking multivalent single chain variable fragments. 2012 , 10, 1521-6	9

1409	Enhanced bioactivity of internally functionalized cationic dendrimers with PEG cores. 2012 , 13, 4089-97	50
1408	Atom Transfer Radical Polymerization (ATRP) and Addition (ATRA) and Applications. 2012 ,	1
1407	Mechanistic Investigations of Copper(I)-Catalysed AlkyneAzide Cycloaddition Reactions. 2012 , 1-29	25
1406	Synthesis of self-assembling glycerotriazolophanes. 2012 , 2, 11366	6
1405	Update: An Efficient Synthesis of Poly(ethylene glycol)-Supported Iron(II) Porphyrin Using a Click Reaction and its Application for the Catalytic Olefination of Aldehydes. 2012 , 354, 1827-1831	19
1404	Solid-Supported Catalysis. 2012 , 185-215	4
1403	Highly Active Dinuclear Copper Catalysts for Homogeneous AzideAlkyne Cycloadditions. 2012 , 354, 3445-3450	60
1402	Halogen Exchange (Halex) Reaction of 5-Iodo-1,2,3-triazoles: Synthesis and Applications of 5-Fluorotriazoles. 2012 , 124, 11961-11964	23
1401	Selective RNA Versus DNA G-Quadruplex Targeting by In Situ Click Chemistry. 2012 , 124, 11235-11240	28
1400	Halogen exchange (Halex) reaction of 5-iodo-1,2,3-triazoles: synthesis and applications of 5-fluorotriazoles. 2012 , 51, 11791-4	71
1399	Selective RNA versus DNA G-quadruplex targeting by in situ click chemistry. 2012 , 51, 11073-8	120
1398	Solvent independent conformational propensities of [1,2,3]triazolyl-bridged parathyroid hormone-related peptide-derived cyclo-nonapeptide analogues. 2012 , 98, 535-45	2
1397	Cycloaddition Reactions of Propiolamidinium Salts. 2012 , 2012, 6372-6382	22
1396	Synthesis of (Bio)-Degradable Poly(Thioester)s via Amine Catalyzed ThiolEne Click Polymerization. 2012 , 213, 2611-2617	40
1395	Discrimination between coupling networks of glucopyranosides varying at a single stereocenter using two-dimensional vibrational correlation spectroscopy. 2012 , 14, 6179-91	9
1394	Site-specific incorporation of diamondoids on DNA using click chemistry. 2012 , 48, 2018-20	12
1393	β-Lactam-host defence peptide conjugates as antibiotic prodrug candidates targeting resistant bacteria. 2012 , 2, 2480	22
1392	Click JAHAs: conformationally restricted ferrocene-based histone deacetylase inhibitors. 2012 , 3, 61-64	42

1391	Cycloaddition reactivity studies of first-row transition metal-azide complexes and alkynes: an inorganic click reaction for metalloenzyme inhibitor synthesis. 2012 , 41, 8010-21	34
1390	Discovery and structural insight of a highly selective protein kinase inhibitor hit through click chemistry. 2012 , 48, 2788-90	6
1389	Recent trends and applications in 3D virtual screening. 2012 , 15, 749-69	12
1388	Synthesis and evaluation of ^{18}F -labeled styryltriazone and resveratrol derivatives for β -amyloid plaque imaging. 2012 , 55, 883-92	28
1387	Design of functionalized cellulosic honeycomb films: site-specific biomolecule modification via "click chemistry". 2012 , 13, 350-7	32
1386	Arylsilanated SiO_x Surfaces for Mild and Simple Two-Step Click Functionalization with Small Molecules and Oligonucleotides. 2012 , 116, 19886-19892	16
1385	Click dimers to target HIV TAR RNA conformation. 2012 , 51, 2331-47	50
1384	Strain-Promoted Catalyst-Free Click Chemistry for Rapid Construction of $(64)\text{Cu}$ -Labeled PET Imaging Probes. 2012 , 3, 1019-23	35
1383	Cell-based proteome profiling of potential dasatinib targets by use of affinity-based probes. 2012 , 134, 3001-14	174
1382	Specific detection of integrin $\beta_v\beta_3$ by light-up bioprobe with aggregation-induced emission characteristics. 2012 , 134, 9569-72	353
1381	Design and synthesis of dephosphono DNA analogues containing 1,2,3-triazole linker and their UV-melting studies with DNA/RNA. 2012 , 31, 97-111	16
1380	Head-to-tail dimerization and organogelating properties of click peptidomimetics. 2012 , 14, 394-7	32
1379	One-pot, efficient, and regioselective syntheses of 1,4-disubstituted 1,2,3-triazoles using aryldiazonium silica sulfates in water. 2012 , 53, 5176-5179	12
1378	Diversity oriented synthesis of pyran based polyfunctional stereogenic macrocycles and their conformational studies. 2012 , 14, 4306-9	50
1377	Synthesis and evaluation of water-soluble resveratrol and piceatannol via BGLation. 2012 , 22, 5051-4	9
1376	Quick and highly efficient copper-catalyzed cycloaddition of organic azides with terminal alkynes. 2012 , 10, 229-31	44
1375	Synthesis of deuterated 1,2,3-triazoles. 2012 , 77, 8896-904	24
1374	Synthesis of selective agonists for the α_7 nicotinic acetylcholine receptor with in situ click-chemistry on acetylcholine-binding protein templates. 2012 , 82, 687-99	16

1373	Click chemistry: a route to designing and preparing pseudo-biospecific immunoabsorbent for IgG adsorption. 2012 , 899, 96-102	8
1372	Sulfonamide bearing oligonucleotides: simple synthesis and efficient RNA recognition. 2012 , 20, 3843-9	20
1371	Click chemistry-derived bivalent quinine inhibitors of P-glycoprotein-mediated cellular efflux. 2012 , 22, 4410-2	15
1370	Regioselective synthesis and antimicrobial studies of ester linked 1,4-disubstituted 1,2,3-bis-triazoles. 2012 , 22, 4353-7	18
1369	Glycoside nucleoside lipids (GNLs): An intrusion into the glycolipids world?. 2012 , 15, 29-36	9
1368	Nanocrystalline CuO: Synthesis and application as an efficient catalyst for the preparation of 1,2,3-triazole acyclic nucleosides via 1,3-dipolar cycloaddition. 2012 , 26, 155-158	13
1367	Nanoparticles in metal complexes-based electrogenerated chemiluminescence for highly sensitive applications. 2012 , 256, 1664-1681	77
1366	4-Organochalcogenoyl-1H-1,2,3-triazoles: synthesis and functionalization by a nickel-catalyzed Negishi cross-coupling reaction. 2012 , 53, 6495-6499	19
1365	The emerging role of click reactions in chemical and biological engineering. 2012 , 58, 2952-2965	23
1364	Syntheses, characterization, and antitumor activities of platinum(II) and palladium(II) complexes with sugar-conjugated triazole ligands. 2012 , 9, 1903-15	29
1363	Copper-catalyzed Huisgen and oxidative Huisgen coupling reactions controlled by polysiloxane-supported amines (AFPs) for the divergent synthesis of triazoles and bis-triazoles. 2012 , 18, 14094-9	32
1362	Antimicrobial studies of unsymmetrical bis-1,2,3-triazoles. 2012 , 2, 13	18
1361	CuO-promoted construction of N-2-aryl-substituted-1,2,3-triazoles via azide-chalcone oxidative cycloaddition and post-triazole arylation. 2012 , 14, 26-9	79
1360	The impact of click chemistry in medicinal chemistry. 2012 , 7, 489-501	171
1359	Robust, Efficient, and Orthogonal Chemistries for the Synthesis of Functionalized Macromolecules. 2012 , 413-431	
1358	A click chemistry approach to the efficient synthesis of polyoxometalate-polymer hybrids with well-defined structures. 2012 , 3, 617	39
1357	Template-assisted and self-activating clicked peptide as a synthetic mimic of the SH2 domain. 2012 , 7, 637-45	7
1356	Organelle-specific detection of phosphatase activities with two-photon fluorogenic probes in cells and tissues. 2012 , 134, 12157-67	140

- 1355 Synthesis and structural characterisation of (aryl-BIAN)copper(I) complexes and their application as catalysts for the cycloaddition of azides and alkynes. **2012**, 41, 5144-54 49
- 1354 AutoClickChem: click chemistry in silico. **2012**, 8, e1002397 34
- 1353 Thiol-ene click chemistry: computational and kinetic analysis of the influence of alkene functionality. **2012**, 134, 13804-17 178
- 1352 Glycoside and peptide clustering around the octasilsesquioxane scaffold via photoinduced free-radical thiol-ene coupling. The observation of a striking glycoside cluster effect. **2012**, 10, 3269-77 55
- 1351 Click-Triazole Coordination Chemistry: Exploiting 1,4-Disubstituted-1,2,3-Triazoles as Ligands. **2012**, 31-83 102
- 1350 Click Triazoles for Bioconjugation. **2012**, 28, 163-183 38
- 1349 "Click chemistry" in the synthesis of the first glycoconjugates of bacteriochlorin series. **2012**, 16, 1094-1109 12
- 1348 Copper catalysed azide-alkyne cycloaddition (CuAAC) in liquid ammonia. **2012**, 10, 7965-9 16
- 1347 Electrochemical "switching" of Si(100) modular assemblies. **2012**, 134, 844-7 43
- 1346 Synthesis and cytotoxicity of some D-mannose click conjugates with aminobenzoic acid derivatives. **2012**, 361, 1-6 17
- 1345 Azide-alkyne cycloaddition en route to novel 1H-1,2,3-triazole tethered isatin conjugates with in vitro cytotoxic evaluation. **2012**, 55, 455-61 52
- 1344 Identification of a sirtuin 3 inhibitor that displays selectivity over sirtuin 1 and 2. **2012**, 55, 58-66 28
- 1343 Synthesis of novel 1H-1,2,3-triazole tethered C-5 substituted uracil-isatin conjugates and their cytotoxic evaluation. **2012**, 58, 153-9 44
- 1342 Copper-doped silica cuprous sulfate (CDSCS) as a highly efficient and new heterogeneous nano catalyst for [3+2] Huisgen cycloaddition. **2012**, 68, 7812-7821 45
- 1341 Highly efficient click labeling using 2-[[B]]fluoroethyl azide and synthesis of an [[B]]N-hydroxysuccinimide ester as conjugation agent. **2012**, 39, 1175-81 18
- 1340 Degradable "click" polyesters from erythritol having free hydroxyl groups. **2012**, 97, 1662-1670 19
- 1339 Design of triazole-stapled BCL9 α -helical peptides to target the β -catenin/B-cell CLL/lymphoma 9 (BCL9) protein-protein interaction. **2012**, 55, 1137-46 195
- 1338 Structurally diverse copper(II) complexes of polyaza ligands containing 1,2,3-triazoles: site selectivity and magnetic properties. **2012**, 51, 3465-77 76

1337	Chemistry-based functional proteomics for drug target deconvolution. 2012 , 9, 293-310	25
1336	CHAPTER 6:Therapeutic Applications of Nucleic Acid Aptamer Conjugates. 2012 , 140-165	
1335	Topological loading of Cu(I) catalysts onto crystalline cellulose nanofibrils for the Huisgen click reaction. 2012 , 22, 5538	55
1334	Click chemistry inspired structural modification ofazole antifungal agents to synthesize novel drug like molecules. 2012 , 53, 6761-6764	26
1333	Celastrol analogues as inducers of the heat shock response. Design and synthesis of affinity probes for the identification of protein targets. 2012 , 7, 928-37	54
1332	One-Pot, Three-Step Reaction of 5-[(Trimethylsilyl)ethynyl]pyrrolidin-2-one with Azides Catalyzed by CuI: Synthesis of a Novel Class of 1,4-Disubstituted 1,2,3-Triazoles. 2012 , 65, 1443	2
1331	Sequence-defined glycopolymer segments presenting mannose: synthesis and lectin binding affinity. 2012 , 13, 1845-52	119
1330	Magnetic copper-iron nanoparticles as simple heterogeneous catalysts for the azide-alkyne click reaction in water. 2012 , 14, 622	164
1329	Design, synthesis and functional analysis of dansylated polytheonamide mimic: an artificial peptide ion channel. 2012 , 134, 14011-8	28
1328	Selective four electron reduction of O ₂ by an iron porphyrin electrocatalyst under fast and slow electron fluxes. 2012 , 48, 7631-3	84
1327	Chemical Synthesis of N-Aryl Glycosides. 2012 , 31, 603-619	6
1326	Mass spectrometric screening of ligands with lower off-rate from a clicked-based pooled library. 2012 , 14, 451-5	2
1325	Synthesis and evaluation of a dipeptide-drug conjugate library as substrates for PEPT1. 2012 , 14, 108-14	19
1324	Design, synthesis and molecular docking studies of sinomenine derivatives. 2012 , 22, 5849-52	10
1323	Sol-gel emulsion synthesis of biphotonic core-shell nanoparticles based on lanthanide doped organic-inorganic hybrid materials. 2012 , 22, 6117	15
1322	Facile and one-pot synthesis of aryl azides via diazotization of aromatic amine using cross-linked poly(4-vinylpyridine)-supported nitrite ion and azidation by a Sandmeyer-type reaction. 2012 , 21, 591-599	14
1321	Click Triazoles. 2012 ,	12
1320	The past, present, and future for dendrons and dendrimers. 378-406	1

1319	Click Chemistry for Molecular Imaging. 2012 , 1, 87-95	6
1318	Improved synthesis strategy for peptide nucleic acids (PNA) appropriate for cell-specific fluorescence imaging. 2012 , 9, 1-10	9
1317	Facile design of biomaterials by Click Chemistry. 2012 , 61, 485-494	47
1316	Photoinduced grafting of polystyrene onto silica particles by ketene chemistry. 2012 , 50, 2517-2520	20
1315	Amphiphilic Block-Graft Copolymers Poly(ethylene glycol)-b-(polycarbonates-g-palmitate) Prepared via the Combination of Ring-Opening Polymerization and Click Chemistry. 2012 , 50, 2687-2696	22
1314	Fluorescence in nanobiotechnology: sophisticated fluorophores for novel applications. 2012 , 8, 2297-326	161
1313	Metabolism and distribution of benzo[a]pyrene-7,8-dione (B[a]P-7,8-dione) in human lung cells by liquid chromatography tandem mass spectrometry: detection of an adenine B[a]P-7,8-dione adduct. 2012 , 25, 993-1003	19
1312	Copper(II)-catalyzed aerobic oxidative synthesis of substituted 1,2,3- and 1,2,4-triazoles from bisarylhydrazones via C-H functionalization/C-C/N-N/C-N bonds formation. 2012 , 77, 5063-73	91
1311	Cascade intermolecular Michael addition-intramolecular azide/internal alkyne 1,3-dipolar cycloaddition reaction in one pot. 2012 , 14, 1804-7	51
1310	Recent applications of thiol-ene coupling as a click process for glycoconjugation. 2012 , 41, 573-86	248
1309	Application of click chemistry to the production of DNA microarrays. 2012 , 12, 1151-6	24
1308	Strategies for covalently reticulated polymer multilayers. 2012 , 8, 9738	47
1307	Synthesis, structure, electrochemistry, and electrochemiluminescence of thienyltriazoles. 2012 , 77, 5646-55	15
1306	1,2,3-Triazole-heme interactions in cytochrome P450: functionally competent triazole-water-heme complexes. 2012 , 51, 6441-57	45
1305	One-pot synthesis of 1,2,3-triazoles from boronic acids in water using Cu(II)-cyclodextrin complex as a nanocatalyst. 2012 , 10, 4543-8	94
1304	Synthesis of 1,2,3-triazole-fused heterocycles via Pd-catalyzed cyclization of 5-iodotriazoles. 2012 , 48, 55-7	71
1303	Synthesis of Triazolyl-Substituted Quinolizidine Imides. 2012 , 59, 365-372	13
1302	Synthesis, Crystal Structure, Electronic Spectroscopy, Electrochemistry and Biological Studies of Ferrocene Carbohydrate Conjugates. 2012 , 2012, 2267-2277	36

1301	Synthesis and Immunological Screening of β -Linked Mono- and Divalent Mannosides. 2012 , 2012, 2957-2968	9
1300	Single-step Radiosyntheses of 'F-Labeled Click Synthons' from Azide-functionalized Diaryliodonium Salts. 2012 , 2012, 4541-4547	40
1299	Preparation of Cu(OAc) ₂ /MCM-41 catalyst and its application in the one-pot synthesis of 1,2,3-triazoles in water. 2012 , 23, 415-421	17
1298	Click Synthesis of Some Novel O-Substituted Oximes Containing 1,2,3-Triazole-1,4-diyl Residues as New Analogs of β -Adrenoceptor Antagonists. 2012 , 95, 491-501	16
1297	Synthesis and Anti-HIV Activity of Triazolo-Fused 3',5'-Cyclic Nucleoside Analogues Derived from an Intramolecular Huisgen 1,3-Dipolar Cycloaddition. 2012 , 95, 772-779	7
1296	Synthesis of Functionalized Polytriazoles via One-Pot Sequential Copper-Catalyzed Azide-Alkyne [3+2] Cycloaddition and Atom Transfer Radical Addition (ATRA). 2012 , 52, 320-327	8
1295	Highly Efficient Organic and Macromolecular Synthesis Using Sequential Copper Catalyzed Azide-Alkyne [3+2] Cycloaddition and ATRA/ATRP. 2012 , 73-98	3
1294	Cross-linked DNA: site-selective "click" ligation in duplexes with bis-azides and stability changes caused by internal cross-links. 2012 , 23, 1230-43	31
1293	Amphiphilic self-assembled polymeric copper catalyst to parts per million levels: click chemistry. 2012 , 134, 9285-90	160
1292	Reductive Azidation of Carbonyl Compounds via Tosylhydrazone Intermediates Using Sodium Azide. 2012 , 124, 6052-6054	17
1291	Reductive azidation of carbonyl compounds via tosylhydrazone intermediates using sodium azide. 2012 , 51, 5950-2	51
1290	1,2,4-trisubstituted cyclopentanes as platforms for diversity. 2012 , 345, 677-86	2
1289	Functional-group-tolerant catalytic migratory oxidative coupling of nitrones. 2012 , 7, 2600-6	15
1288	Peptoid-Peptide hybrid ligands targeting the polo box domain of polo-like kinase 1. 2012 , 13, 1291-6	35
1287	Kinetics studies on the inhibition mechanism of pancreatic β -amylase by glycoconjugated 1H-1,2,3-triazoles: a new class of inhibitors with hypoglycemic activity. 2012 , 13, 1584-93	28
1286	Copper Supported on the SiO ₂ Nanoparticle in Click Chemistry: An Alternative Catalytic System for Regioselective and One-Pot Synthesis of 1,2,3-Triazoles and β -Hydroxytriazoles. 2012 , 30, 223-227	14
1285	Synthesis of a heparan sulfate mimetic library targeting FGF and VEGF via click chemistry on a monosaccharide template. 2012 , 7, 1267-75	15
1284	Synthesis and antifungal activity of 1,5-disubstituted-1,2,3-triazole containing fluconazole analogues. 2012 , 3, 484	32

1283	Synthesis of heterobifunctional polyethylene glycols with azide functionality suitable for click chemistry. 2012 , 19, 1	6
1282	In situ synthesis of fluorescent membrane lipids (ceramides) using click chemistry. 2012 , 5, 119-23	6
1281	Assessing the reactivation efficacy of hydroxylamine anion towards VX-inhibited AChE: a computational study. 2012 , 18, 1801-8	8
1280	Synthesis of 1,2,3-triazole glycoconjugates as inhibitors of β -glucosidases. 2012 , 350, 14-9	31
1279	1,2,3-Triazole tethered lactam-chalcone bifunctional hybrids: synthesis and anticancer evaluation. 2012 , 47, 594-600	137
1278	Novel hybrid molecules based on 15-membered azalide as potential antimalarial agents. 2012 , 49, 365-78	32
1277	Synthesis and in vitro antiplasmodial activities of fluoroquinolone analogs. 2012 , 51, 52-9	48
1276	A fluorous and click approach for screening potential PET probes: Evaluation of potential hypoxia biomarkers. 2012 , 20, 324-9	26
1275	A facile 'click' approach to novel 15 β -triazolyl-5 β -androstane derivatives, and an evaluation of their antiproliferative activities in vitro. 2012 , 20, 1396-402	32
1274	Design and combinatorial synthesis of a novel kinase-focused library using click chemistry-based fragment assembly. 2012 , 22, 591-6	12
1273	Stereoselective synthesis of bio-hybrid amphiphiles of coumarin derivatives by Ugi-Mannich triazole randomization using copper catalyzed alkyne azide click chemistry. 2012 , 22, 2598-603	21
1272	Synthesis and biological evaluation of new potent and selective HCV NS5A inhibitors. 2012 , 22, 3488-91	21
1271	Synthesis of CF ₃ -containing tetrapeptide surrogates via Ugi reaction/dipolar cycloaddition sequence. 2012 , 68, 872-877	25
1270	Synthesis and spectroscopic studies of new bile acid derivatives linked by a 1,2,3-triazole ring. 2012 , 53, 301-305	17
1269	ClickCarb modular sugar based ligands via click chemistry. 2012 , 53, 395-398	15
1268	Synthesis of 1,2,3-triazolylpyranosides through click chemistry reaction. 2012 , 53, 1742-1747	34
1267	Probing the simulant behavior of PNPDP toward parathion and paraoxon: a computational study. 2012 , 34, 10-7	12
1266	The mechanism of copper-catalyzed azide-alkyne cycloaddition reaction: a quantum mechanical investigation. 2012 , 34, 101-7	18

1265	A 2'-deoxycytidine long-linker click adduct forming two conformers in the asymmetric unit. 2012 , 68, o174-8	1
1264	Practical azidation of 1,3-dicarbonyls. 2012 , 18, 1187-93	81
1263	Copper nanoparticle-catalyzed carbon-carbon and carbon-heteroatom bond formation with a greener perspective. 2012 , 5, 22-44	156
1262	Synthesis of Triazole-Epothilones by Using Cu ₂ O Nanoparticles to Catalyze 1,3-Dipolar Cycloaddition. 2012 , 2012, 500-508	15
1261	Convenient Synthesis of a Galacturonic Acid Based Macrocyclic with Potential Copper-Complexation Ability. 2012 , 2012, 817-823	28
1260	Peptide-mediated targeted drug delivery. 2012 , 32, 637-58	108
1259	Diazotization-azidation of amines in water by using crosslinked poly(4-vinylpyridine)-supported azide ion. 2012 , 123, 788-795	13
1258	Synthesis and characterization of novel polyimides containing triazoles units in the main chain by click chemistry. 2012 , 124, 1757-1763	7
1257	Solvent-free diazotization-azidation of aryl amine using a polymer-supported azide ion. 2012 , 124, 2362-2369	14
1256	Synthesis of phenyl azides bearing (E)-2-halovinyl group. 2012 , 38, 37-44	2
1255	New mono- and bidentate P-ligands using one-pot click-chemistry: synthesis and application in Rh-catalyzed hydroformylation. 2013 , 69, 8809-8817	25
1254	Recent developments in polymer-block-polypeptide and protein-polymer bioconjugate hybrid materials. 2013 , 49, 2925-2948	26
1253	A fluorescent guanosine dinucleoside as a selective switch-on sensor for c-myc G-quadruplex DNA with potent anticancer activities. 2013 , 19, 11502-6	21
1252	Asymmetric copper(I)-catalyzed azide-alkyne cycloaddition to quaternary oxindoles. 2013 , 135, 10994-7	120
1251	Design, synthesis and biological evaluation of novel mansonone E derivatives prepared via CuAAC click chemistry as topoisomerase II inhibitors. 2013 , 68, 58-71	22
1250	Synthesis and asymmetric resolution of β -azido-peroxides. 2013 , 15, 3832-5	26
1249	Recent advances in the Cu(I)-catalyzed azide-alkyne cycloaddition: focus on functionally substituted azides and alkynes. 2013 , 3, 16212	112
1248	Self-adjuvanting polymer-peptide conjugates as therapeutic vaccine candidates against cervical cancer. 2013 , 14, 2798-806	104

1247	One-pot synthesis of O-glycosyl triazoles by O-glycosylation-click reaction. 2013 , 375, 79-89	8
1246	Discovery of pyrazole as C-terminus of selective BACE1 inhibitors. 2013 , 68, 270-83	18
1245	Efficiency of the Free-Radical Hydrophosphonylation of Alkenes: The Photoinduced Reaction of Dimethyl H-Phosphonate with Enopyranoses as an Exemplary Case. 2013 , 2013, 5370-5375	20
1244	An improved iron-mediated synthesis of N-2-aryl substituted 1,2,3-triazoles. 2013 , 3, 7419	26
1243	One-Pot Synthesis of 4-Substituted 1H-[1,2,3]triazolo[4,5-c]quinolines Through CuO-Promoted Tandem Cyclization Reactions of (E)-3-(2-Bromoaryl)-1-arylprop-2-en-1-ones with Sodium Azide. 2013 , 2013, 6246-6248	11
1242	Photo-click chemistry strategies for spatiotemporal control of metal-free ligation, labeling, and surface derivatization. 2013 , 85, 1499-1513	37
1241	Mechanism study of copper-mediated one-pot reductive amination of aryl halides using trimethylsilyl azide. 2013 , 78, 8980-5	13
1240	A strategy to access fused triazoloquinoline and related nucleoside analogues. 2013 , 69, 8547-8558	17
1239	Is click chemistry attractive for separation sciences?. 2013 , 36, 2049-62	33
1238	Clicking cyclophane to boron doped diamond surfaces. 2013 , 58, 2898-2902	3
1237	Synthesis and anti-HIV activity of Triazolo-fused 3',4'-cyclic and 4'-spiro nucleoside analogues. 2013 , 29, 473-476	3
1236	Recent advances in surface chemistry strategies for the fabrication of functional iron oxide based magnetic nanoparticles. 2013 , 5, 10729-52	142
1235	Iridium-catalyzed cycloaddition of azides and 1-bromoalkynes at room temperature. 2013 , 15, 4698-701	76
1234	Recent Developments in the Ferrier Rearrangement. 2013 , 2013, 7221-7262	109
1233	Ligand and Metalloligand Design for Macrocycles, Multimetallic Arrays, Coordination Polymers, and Assemblies. 2013 , 1-29	0
1232	Synthesis and in vitro cytotoxicity of deoxyadenosine nucleic acid conjugates linked with 1,2,3-triazole. 2013 , 37, 3559	8
1231	Evaluation of the Influence of thiosemicarbazone-triazole hybrids on genes implicated in lipid oxidation and accumulation as potential anti-obesity agents. 2013 , 23, 5275-8	20
1230	Surface Functionalization for Micro- and Nanosystems. 2013 , 309-360	

1229	Expedient Synthesis of SMAMPs via Click Chemistry. 2013 , 4, 841-5	23
1228	Synthesis of rapamycin glycoconjugates via a CuAAC-based approach. 2013 , 54, 6999-7003	9
1227	1,2,3-Triazole als Mimetika der Amid-Bindung: Ein Triazol-Scan führt zu Protease-resistenten Peptidmimetika für das Tumor-Targeting. 2013 , 125, 9126-9129	26
1226	Copper(I)-catalyzed cycloaddition of bismuth(III) acetylides with organic azides: synthesis of stable triazole anion equivalents. 2013 , 52, 13037-41	61
1225	Nickel- or Palladium-Catalyzed Stereoselective Synthesis of Tetrasubstituted Olefinic Indolines-Fused Triazoles: Extension to the Spiroindoline Core. 2013 , 355, 3679-3693	17
1224	Defining RNA motif-aminoglycoside interactions via two-dimensional combinatorial screening and structure-activity relationships through sequencing. 2013 , 21, 6132-8	7
1223	Regioselective synthesis of spiropyrrolidine/spiropyrrrolizidine/spirothiazolidine-grafted macrocycles through 1,3-dipolar cycloaddition methodology. 2013 , 69, 9742-9750	15
1222	Controllable synthesis of bis(1,2,3-triazole)s and 5-alkynyl-triazoles via temperature effect on copper-catalyzed Huisgen cycloaddition. 2013 , 69, 9939-9946	20
1221	Systematic replacement of amides by 1,4-disubstituted[1,2,3]triazoles in Leu-enkephalin and the impact on the delta opioid receptor activity. 2013 , 23, 5267-9	20
1220	Clicking 3'-azidothymidine into novel potent inhibitors of human immunodeficiency virus. 2013 , 56, 8765-80	49
1219	On-surface azide-alkyne cycloaddition on Au(111). 2013 , 7, 8509-15	103
1218	Optimizing the control of apoptosis by amide/triazole isosteric substitution in a constrained peptoid. 2013 , 63, 892-6	17
1217	Synthesis and biological evaluation of nimesulide based new class of triazole derivatives as potential PDE4B inhibitors against cancer cells. 2013 , 23, 6721-7	32
1216	Click chemistry in peptide-based drug design. 2013 , 18, 9797-817	126
1215	Expanded therapeutic potential in activity space of next-generation 5-nitroimidazole antimicrobials with broad structural diversity. 2013 , 110, 17564-9	45
1214	Copper(I)-Catalyzed Cycloaddition of Bismuth(III) Acetylides with Organic Azides: Synthesis of Stable Triazole Anion Equivalents. 2013 , 125, 13275-13279	17
1213	Recent advances in the synthesis of new antimycobacterial agents based on the 1H-1,2,3-triazoles. 2013 , 13, 2850-65	30
1212	De Novo Design by Fragment Growing and Docking. 2013 , 125-142	2

1211	Strain-promoted azide-alkyne cycloaddition with ruthenium(II)-azido complexes. 2013 , 19, 16682-9	34
1210	Synthesis, surface properties, and biocompatibility of 1,2,3-triazole-containing alkyl β -D-xylopyranoside surfactants. 2013 , 379, 68-77	22
1209	'Click' synthesized sterol-based cationic lipids as gene carriers, and the effect of skeletons and headgroups on gene delivery. 2013 , 21, 6366-77	22
1208	Facet-dependent catalytic activity of Cu ₂ O nanocrystals in the one-pot synthesis of 1,2,3-triazoles by multicomponent click reactions. 2013 , 19, 16036-43	122
1207	Synthesis and in vitro evaluation of a novel radioligand for α _v β integrin receptor imaging: [18F]FPPA-c(RGDfK). 2013 , 23, 6068-72	7
1206	A Copper-Catalyzed Multicomponent Reaction and Click Strategy for the Stereoselective Synthesis of a New Series of Oxazolone Peptidomimetics with β -Acylamino Amide and β -Amido Ketone Structures. 2013 , 96, 2251-2266	5
1205	Thiol-Ene Click Reactions Versatile Tools for the Modification of Unsaturated Amino Acids and Peptides. 2013 , 2013, 7101-7109	7
1204	Synthesis of 1,4-disubstituted 1,2,3-triazoles based on cobalt bis(1,2-dicarbollide). 2013 , 62, 497-503	6
1203	Click chemistry approach for fabricating PVA/gelatin nanofibers for the differentiation of ADSCs to keratinocytes. 2013 , 24, 2863-71	21
1202	Copper Based Nanoparticles-Catalyzed Organic Transformations. 2013 , 17, 156-176	35
1201	Copper(I)-Catalyzed Aerobic Oxidative Azide-Alkene Cyclo- addition: An Efficient Synthesis of Substituted 1,2,3-Triazoles. 2013 , 355, 2918-2927	42
1200	Synthesis and biological evaluation of carbohydrate appended hydrazinocyclopentenes with potent glycation and β -glucosidase inhibition activities. 2013 , 54, 5682-5685	6
1199	Asymmetric cross-dehydrogenative coupling enabled by the design and application of chiral triazole-containing phosphoric acids. 2013 , 135, 14044-7	161
1198	Toward analogues of MraY natural inhibitors: synthesis of 5'-triazole-substituted-aminoribosyl uridines through a Cu-catalyzed azide-alkyne cycloaddition. 2013 , 78, 10088-105	18
1197	Conversion of azides into diazo compounds in water. 2013 , 135, 14936-9	29
1196	Rhodium(III)-catalyzed azidation and nitration of arenes by C-H activation. 2013 , 52, 11862-6	159
1195	A copper(I)-catalyzed three-component domino process: assembly of complex 1,2,3-triazolyl-5-phosphonates from azides, alkynes, and H-phosphates. 2013 , 19, 14403-6	51
1194	Facile polymer functionalization of hydrothermal-carbonization-derived carbons. 2013 , 34, 1080-4	9

1193	Controlling Physical Properties of Iron Nanoparticles during Assembly by Click Chemistry 2013 , 117, 19974-19983	10
1192	Small molecule probe suitable for in situ profiling and inhibition of protein disulfide isomerase. 2013 , 8, 2577-85	40
1191	¹⁵ N NMR spectroscopic and theoretical GIAO-DFT studies for the unambiguous characterization of disubstituted 1,2,3-triazoles. 2013 , 11, 7318-25	15
1190	Plasmon Resonance Scattering Spectroscopy at the Single-Nanoparticle Level: Real-Time Monitoring of a Click Reaction. 2013 , 125, 6127-6130	33
1189	A practical synthesis of [(18 F)F]FtRGD: an angiogenesis biomarker for PET. 2013 , 56, 42-9	9
1188	Cationic and Neutral (Ar-BIAN)Copper(I) Complexes Containing Phosphane and Arsane Ancillary Ligands: Synthesis, Molecular Structure and Catalytic Behaviour in Cycloaddition Reactions of Azides and Alkynes. 2013 , 2013, 1404-1417	23
1187	Structural Effect of Thiol-Compounds on the Thiol-Ene Based UV Curable Adhesive. 2013 , 469, 162-166	1
1186	Cycloaddition reactions between dicyclohexylboron azide and alkynes. 2013 , 42, 4795-8	13
1185	Novel triazole-based fluorescent probes for Pd ²⁺ in aqueous solutions: design, theoretical calculations and imaging. 2013 , 138, 6632-8	28
1184	Triazole biotin: a tight-binding biotinidase-resistant conjugate. 2013 , 11, 7700-4	15
1183	Site-specific epitope tagging of G protein-coupled receptors by bioorthogonal modification of a genetically encoded unnatural amino acid. 2013 , 52, 1028-36	32
1182	Thermal, non-catalyzed Huisgen cycloaddition for the preparation of 4,5-bis(trimethylsilyl)-1H-1,2,3-triazoles. 2013 , 54, 272-276	5
1181	Reduction of organic azides to amines using reusable Fe ₃ O ₄ nanoparticles in aqueous medium. 2013 , 3, 584	35
1180	Transition metal-mediated synthesis of monocyclic aromatic heterocycles. 2013 , 113, 3084-213	780
1179	Solvent-free one-pot synthesis of 1,2,3-triazole derivatives by the Click reaction of alkyl halides or aryl boronic acids, sodium azide and terminal alkynes over a Cu/Al ₂ O ₃ surface under ball-milling. 2013 , 15, 389-397	150
1178	Efficient One-Pot, Four-Component Synthesis of 1,2,3-Triazole-Linked Tetrahydrobenzo[b]pyrans. 2013 , 43, 486-497	4
1177	Functionalization of Porous Polymers from High-Internal-Phase Emulsions and Their Applications. 2013 , 333-352	5
1176	Modular 'click-in-emulsion' bone-targeted nanogels. 2013 , 25, 1449-54	59

1175	A carborane-derivative "click" reaction under heterogeneous conditions for the synthesis of a promising lipophilic MRI/GdBNCT agent. 2013 , 19, 721-8	28
1174	Facile preparation of mono-, di- and mixed-carboxylato platinum(IV) complexes for versatile anticancer prodrug design. 2013 , 19, 1672-6	83
1173	Synthesis and Anti-HIV Activity of Triazolo-Fused 2',3'-Cyclic Nucleoside Analogs Prepared by an Intramolecular Huisgen 1,3-Dipolar Cycloaddition. 2013 , 96, 59-68	4
1172	Fluorogenic 'click-on' dendrimer reporter for rapid profiling of cell proliferation. 2013 , 23, 2230-3	5
1171	Synthesis of triazole-nucleoside phosphoramidites and their use in solid-phase oligonucleotide synthesis. 2014 , 55, 4.57.1-38	
1170	An Abnormal N-Heterocyclic CarbeneCopper(I) Complex in Click Chemistry. 2013 , 355, 2982-2991	53
1169	Derivatisation of an Anti-Cancer Cationic Antimicrobial Peptide and its Complexation to Platinum(II). 2013 , 639, 1628-1635	5
1168	Reaktionen an Nucleinsäuretemplaten: mehr Methoden zur Übersetzung Oligonucleotid-basierter Informationen in neue Funktionen. 2013 , 125, 6956-6980	25
1167	Fluorescent conjugate of sLe(x)-selective bisboronic acid for imaging application. 2013 , 23, 6307-9	25
1166	Dimeric and trimeric triazole based molecules as a new class of Hsp90 molecular chaperone inhibitors. 2013 , 65, 464-76	12
1165	Fluorine-18 labeling by click chemistry: multiple probes in one pot. 2013 , 75, 64-70	12
1164	The Development and Application of Clickable Lipid Analogs for Elucidating and Harnessing Lipid Functions. 2013 , 77-105	
1163	Click Multivalent Glycomaterials: Glycoclusters, Glycodendrimers, Glycopolymers, Hybrid Glycomaterials, and Glycosurfaces. 2013 , 143-182	1
1162	Clicking Sugars onto Sugars: Oligosaccharide Analogs and Glycoclusters on Carbohydrate Scaffolds. 2013 , 107-142	1
1161	Glycopolymers via Post-Polymerization Modification Techniques. 2013 , 237-265	3
1160	Covalent Layer-by-Layer Assembly Using Reactive Polymers. 2013 , 371-406	10
1159	One-pot, additive-free preparation of functionalized polyurethanes via amine-thiol-thione conjugation. 2013 , 4, 2449	80
1158	Chemical construction and structural permutation of potent cytotoxin polytheonamide B: discovery of artificial peptides with distinct functions. 2013 , 46, 1567-78	27

- 1157 One-pot synthesis of 2,4,5-trisubstituted 1,2,3-triazoles through the cascade reactions of acid chlorides, terminal acetylenes, sodium azide and aryl halides. **2013**, 37, 965 9
- 1156 One-pot chemoenzymatic synthesis of chiral disubstituted 1,2,3-triazoles in aqueous media. **2013**, 91, 93-97 12
- 1155 Copper Salt of 12-Tungstophosphoric Acid: An Efficient and Reusable Heteropoly Acid for the Click Chemistry. **2013**, 31, 534-538 4
- 1154 On-surface azide-alkyne cycloaddition on Cu(111): does it "click" in ultrahigh vacuum?. **2013**, 135, 2136-9 130
- 1153 Beyond frontier molecular orbital theory: a systematic electron transfer model (ETM) for polar bimolecular organic reactions. **2013**, 78, 1864-73 14
- 1152 A pyrrole-based triazolium-phane with NH and cationic CH donor groups as a receptor for tetrahedral oxyanions that functions in polar media. **2013**, 4, 1560 73
- 1151 1H-1,2,3-Triazole-Tethered IsatinFerrocene and IsatinFerrocenylChalcone Conjugates: Synthesis and in Vitro Antitubercular Evaluation. **2013**, 32, 5713-5719 66
- 1150 Click chemistry for drug development and diverse chemical-biology applications. **2013**, 113, 4905-79 1260
- 1149 Borrelidin analogues with antimalarial activity: design, synthesis and biological evaluation against Plasmodium falciparum parasites. **2013**, 23, 2302-5 29
- 1148 Enantioselective iron-catalyzed azidation of α -keto esters and oxindoles. **2013**, 135, 5356-9 193
- 1147 Are Cu(I)-mesoionic NHC carbenes associated with nitrogen additives the best Cu-carbene catalysts for the azidealkyne click reaction in solution? A case study. **2013**, 54, 1808-1812 68
- 1146 Catalytic activity of dithioic acid copper complexes in the alkyneazide cycloaddition. **2013**, 91, 292-299 10
- 1145 Corey lactone as key precursor for a facile synthesis of novel 1,2,3-triazole carbocyclic nucleosides via Click Chemistry. **2013**, 54, 2726-2728 9
- 1144 Design and synthesis of an on-off "click" fluorophore that executes a logic operation and detects heavy and transition metal ions in water and living cells. **2013**, 11, 3057-63 33
- 1143 Post-Modification of Triazole-Linked Analogues of DNA for Positively Charged Variants. **2013**, 87, 1023 5
- 1142 Combining oxidative N-heterocyclic carbene catalysis with click chemistry: a facile one-pot approach to 1,2,3-triazole derivatives. **2013**, 8, 1489-96 11
- 1141 Solvent-free Huisgen cyclization using heterogeneous copper catalysts supported on chelate resins. **2013**, 15, 490-495 32
- 1140 Design, synthesis and antiproliferative activity studies of novel 1,2,3-triazole-dithiocarbamate-urea hybrids. **2013**, 64, 99-110 85

1139	Functionalization of 5-telluro-1,2,3-triazoles: Te/Li exchange and Suzuki-Miyaura cross-coupling reaction. 2013 , 54, 2809-2812	14
1138	Multivalent glycoconjugate syntheses and applications using aromatic scaffolds. 2013 , 42, 4657-708	193
1137	Plasmon resonance scattering spectroscopy at the single-nanoparticle level: real-time monitoring of a click reaction. 2013 , 52, 6011-4	154
1136	Fused polycyclic compounds via cycloaddition of 4-(1'-cyclohexenyl)-5-iodo-1,2,3-triazoles with 4-phenyl-1,2,4-triazoline-3,5-dione: the importance of a sacrificial iodide leaving group. 2013 , 78, 5038-44	7
1135	Azide alkyne cycloaddition facilitated by hexanuclear rhenium chalcogenide cluster complexes. 2013 , 42, 8132-9	26
1134	Design and synthesis of novel 1,2,3-triazole-dithiocarbamate hybrids as potential anticancer agents. 2013 , 62, 11-9	191
1133	A click-and-release pyrrolysine analogue. 2013 , 14, 805-8	11
1132	Magnetically recyclable γ -Fe ₂ O ₃ @AP nanoparticles for the cycloaddition reaction of alkynes, halides and azides in aqueous media. 2013 , 3, 8184	35
1131	A novel role of cytosolic protein synthesis inhibition in aminoglycoside ototoxicity. 2013 , 33, 3079-93	49
1130	Design, synthesis, and biological activities of triazole tubulysin V analogue. 2013 , 54, 2986-2988	14
1129	Synthesis of 5-Organotellanyl-1H-1,2,3-triazoles: Functionalization of the 5-Position Scaffold by the Sonogashira Cross-Coupling Reaction. 2013 , 2013, 3780-3785	23
1128	Design and synthesis of sugar-triazole low molecular weight gels as mercury ion sensor. 2013 , 37, 2419	34
1127	Novel 1H-1,2,3-, 2H-1,2,3-, 1H-1,2,4- and 4H-1,2,4-triazole derivatives: a patent review (2008 - 2011). 2013 , 23, 319-31	40
1126	Azide-alkyne cycloaddition en route to 1H-1,2,3-triazole-tethered 7-chloroquinoline-isatin chimeras: synthesis and antimalarial evaluation. 2013 , 62, 590-6	85
1125	A Facile Synthesis of 4,6,7,8,8a,9-Hexahydropyrrolo[1,2-a][1,2,3]triazolo[1,5-d]pyridazines by a Three-Component Coupling Reaction Followed by Intramolecular 1,3-Dipolar Cycloaddition. 2013 , 2013, 4119-4130	20
1124	Evaluation of viability of halogen \cdots O \cdots N interactions: Insight from crystal packing in a series of isomeric halo and nitro substituted triaryl compounds with modular positioning of halogen and NO ₂ groups. 2013 , 15, 5283	15
1123	Safe and highly efficient syntheses of triazole drugs using Cu ₂ O nanoparticle in aqueous solutions. 2013 , 54, 3406-3409	12
1122	The structure of FemX(Wv) in complex with a peptidyl-RNA conjugate: mechanism of aminoacyl transfer from Ala-tRNA(Ala) to peptidoglycan precursors. 2013 , 52, 7278-81	29

1121	Copper-catalyzed Huisgen 1,3-dipolar cycloaddition under oxidative conditions: polymer-assisted assembly of 4-acyl-1-substituted-1,2,3-triazoles. 2013 , 78, 6540-9	21
1120	Design and synthesis of minimalist terminal alkyne-containing diazine photo-crosslinkers and their incorporation into kinase inhibitors for cell- and tissue-based proteome profiling. 2013 , 52, 8551-6	208
1119	Reactions templated by nucleic acids: more ways to translate oligonucleotide-based instructions into emerging function. 2013 , 52, 6820-43	113
1118	Integrated and passive 1,2,3-triazolyl groups in fluorescent indicators for zinc(II) ions: thermodynamic and kinetic evaluations. 2013 , 52, 5838-50	62
1117	Azidation of α -keto esters and silyl enol ethers with a benziodoxole reagent. 2013 , 15, 3246-9	128
1116	Hg ²⁺ -promoted photoactivation of triazolyl rhodamine. 2013 , 12, 1103-9	6
1115	Preparation, Structural Characterization, Electrochemistry, and Sensing Properties toward Anions and Cations of Ferrocene-Triazole Derivatives. 2013 , 32, 5740-5753	67
1114	Synthesis and evaluation of an 18F-labelled norbornene derivative for copper-free click chemistry reactions. 2013 , 11, 3817-25	24
1113	Potassium (1-Organ-1H-1,2,3-triazol-4-yl)trifluoroborates from Ethynyltrifluoroborate through a Regioselective One-Pot Cu-Catalyzed Azide-Alkyne Cycloaddition Reaction. 2013 , 2013, 3992-3996	10
1112	Photoinduced polyaddition of multifunctional azides and alkynes. 2013 , 4, 3938	34
1111	Reduction biodegradable brushed PDMAEMA derivatives synthesized by atom transfer radical polymerization and click chemistry for gene delivery. 2013 , 9, 7758-66	29
1110	Direct C-H amination of arenes with alkyl azides under rhodium catalysis. 2013 , 52, 8031-6	172
1109	Improving bioorthogonal protein ubiquitylation by click reaction. 2013 , 21, 3430-5	17
1108	Multifunctional Click-Prolinamides: A New Platform for Asymmetric Aldol Reactions in the Presence of Water with Catalyst Recycling. 2013 , 355, n/a-n/a	6
1107	Half-Sandwich Ruthenium(II) Complexes of Click Generated 1,2,3-Triazole Based Organosulfur/-selenium Ligands: Structural and Donor Site Dependent Catalytic Oxidation and Transfer Hydrogenation Aspects. 2013 , 32, 3595-3603	70
1106	AAAA-DDDD quadruple hydrogen-bond arrays featuring NH \cdots N and CH \cdots N hydrogen bonds. 2013 , 135, 9939-43	48
1105	Triazole-based inhibitors of geranylgeranyltransferase II. 2013 , 23, 764-6	23
1104	1,2,3-triazoles: gas phase properties. 2013 , 78, 7249-58	21

1103	Effect of amide-triazole linkers on the electrochemical and biological properties of ferrocene-carbohydrate conjugates. 2013 , 42, 1180-90	22
1102	Reusable and highly active supported copper(I)-NHC catalysts for Click chemistry. 2013 , 49, 11358-60	70
1101	Azide Chemistry [An Inorganic Perspective, Part I Metal]Azides: Overview, General Trends and Recent Developments. 2013 , 639, 1053-1082	69
1100	1,2,3-Triazoles as amide bond mimics: triazole scan yields protease-resistant peptidomimetics for tumor targeting. 2013 , 52, 8957-60	126
1099	Three-component chemoenzymatic synthesis of amide ligated 1,2,3-triazoles. 2013 , 54, 4641-4644	25
1098	Ligand-free palladium-mediated site-specific protein labeling inside gram-negative bacterial pathogens. 2013 , 135, 7330-8	122
1097	Site-selective catalytic C(sp ²)-H bond azidations. 2013 , 52, 6576-8	57
1096	How do multivalent glycodendrimers benefit from sulfur chemistry?. 2013 , 42, 4823-41	64
1095	Triple Click to Tripodal Triazole-Based Ligands [Synthesis and Characterization of Blue-Emitting Ce ³⁺ Complexes. 2013 , 2013, 2432-2439	15
1094	Optimization of benzoxazole-based inhibitors of <i>Cryptosporidium parvum</i> inosine 5'-monophosphate dehydrogenase. 2013 , 56, 4028-43	64
1093	A new insight into the Biginelli reaction: the dawn of multicomponent click chemistry?. 2013 , 4, 5395	103
1092	Synthesis and conformational study of triazole-linked bis-spirostanic conjugates. 2013 , 54, 1602-1606	8
1091	Multicomponent Synthesis of Novel 2-Aryl-5-((1-aryl-1H-1,2,3-triazol-4-yl)methylthio)-1,3,4-oxadiazoles using CuI as Catalyst and their Antimicrobial Evaluation. 2013 , 66, 710	18
1090	Application of magnetic nanoparticle-supported CuBr: a highly efficient and reusable catalyst for the one-pot and scale-up synthesis of 1,2,3-triazoles under microwave-assisted conditions. 2013 , 3, 1301	58
1089	A simple "clickable" biosensor for colorimetric detection of copper(II) ions based on unmodified gold nanoparticles. 2013 , 41, 663-8	79
1088	Synthesis and photophysical properties of fluorescent 2,1,3-benzothiadiazole-triazole-linked glycoconjugates: selective chemosensors for Ni(II). 2013 , 69, 201-206	37
1087	Bioorthogonal Click Chemistry: An Indispensable Tool to Create Multifaceted Cell Culture Scaffolds. 2013 , 2, 5-9	187
1086	An efficient synthesis of 3-triazolyl-2(1H)-quinolones by CuTC-catalyzed azide-alkyne cycloaddition reaction. 2013 , 27, 155-158	8

1085	Structural permutation of potent cytotoxin, polytheonamide B: discovery of cytotoxic Peptide with altered activity. 2013 , 4, 52-6	6
1084	Chemoenzymatic synthesis of 3'-deoxy-3'-(4-substituted-triazol-1-yl)-5-methyluridine. 2013 , 32, 646-59	9
1083	Triblock polyphiles through click chemistry: self-assembled thermotropic cubic phases formed by micellar and monolayer vesicular aggregates. 2013 , 19, 16303-13	29
1082	Twenty-First Century Polymer Science After Staudinger: The Emergence of Dendrimers/Dendritic Polymers as a Fourth Major Architecture and Window to a New Nano-periodic System. 2013 , 321-389	11
1081	Synthesis and Stability of a 2'-O-[N-(Aminoethyl)carbamoyl]methyladenosine-Containing Dinucleotide. 2013 , 2013, 7184-7192	4
1080	Design of Molecular Imaging Probes. 2013 , 253-303	
1079	Macrophage-specific RNA interference targeting via "click", mannosylated polymeric micelles. 2013 , 10, 975-87	102
1078	Multichromic, ferrocene clicked poly(2,5-dithienylpyrrole)s. 2013 , 20, 1	20
1077	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective. 2013 , 10, 90-135	1
1076	Genetically-encoded molecular probes to study G protein-coupled receptors. 2013 ,	8
1075	Design and Synthesis of Minimalist Terminal Alkyne-Containing Diazirine Photo-Crosslinkers and Their Incorporation into Kinase Inhibitors for Cell- and Tissue-Based Proteome Profiling. 2013 , 125, 8713-8718	59
1074	Base-Catalyzed Electrophilic Trifluoromethylthiolation of Terminal Alkynes. 2013 , 125, 11014-11017	47
1073	Direct C-H Amination of Arenes with Alkyl Azides under Rhodium Catalysis. 2013 , 125, 8189-8194	56
1072	Cell-permeable probe for identification and imaging of sialidases. 2013 , 110, 2466-71	54
1071	Rhodium(III)-Catalyzed Azidation and Nitration of Arenes by C-H Activation. 2013 , 125, 12078-12082	45
1070	The hidden potential of small synthetic molecules and peptides as affinity ligands for bioseparations. 2013 , 1, 467-485	19
1069	Regioselektive katalytische C(sp ²)-H-Azidierungen. 2013 , 125, 6706-6708	17
1068	Base-catalyzed electrophilic trifluoromethylthiolation of terminal alkynes. 2013 , 52, 10814-7	131

1067	Cell-based proteome profiling using an affinity-based probe (AfBP) derived from 3-deazaneplanocin A (DzNep). 2013 , 8, 1818-28	12
1066	The Structure of FemXWv in Complex with a Peptidyl-RNA Conjugate: Mechanism of Aminoacyl Transfer from Ala-tRNA ^{Ala} to Peptidoglycan Precursors. 2013 , 125, 7419-7422	6
1065	Cuprous oxide on charcoal-catalyzed ligand-free, synthesis of 1,4-disubstituted 1,2,3-triazoles via click chemistry. 2013 , 2013, 139-164	6
1064	Peptide conjugation via CuAAC 'click' chemistry. 2013 , 18, 13148-74	75
1063	Alkyne-azide "click" chemistry in designing nanocarriers for applications in biology. 2013 , 18, 9531-49	44
1062	SPPS resins impact the PNA-syntheses' improvement. 2013 , 10, 331-7	4
1061	Click Chemistry Based Functionalizations of Nucleoside, Nucleotide and Nucleic Acids. 2013 , 17, 2164-2191	15
1060	Application of Click Chemistry for PET. 2013 , 17, 2108-2118	11
1059	Recent trends in bioorthogonal click-radiolabeling reactions using fluorine-18. 2013 , 18, 8618-65	65
1058	A modular approach to triazole-containing chemical inducers of dimerisation for yeast three-hybrid screening. 2013 , 18, 11639-57	11
1057	The MATCHIT automaton: exploiting compartmentalization for the synthesis of branched polymers. 2013 , 2013, 467428	10
1056	Alkyne-azide cycloaddition catalyzed by silver chloride and "abnormal" silver N-heterocyclic carbene complex. 2013 , 2013, 186537	9
1055	Clicked cinnamic/caffeic esters and amides as radical scavengers and 5-lipoxygenase inhibitors. 2014 , 2014, 931756	5
1054	A tractable and efficient one-pot synthesis of 5'-Azido-5'-deoxyribonucleosides. 2014 , 19, 2434-44	7
1053	Isocyanide-based multicomponent reactions towards cyclic constrained peptidomimetics. 2014 , 10, 544-98	183
1052	Design and synthesis of multivalent neoglycoconjugates by click conjugations. 2014 , 10, 1325-32	6
1051	Application of activity-based protein profiling to study enzyme function in adipocytes. 2014 , 538, 151-69	9
1050	Synthesis of Arborescent Polymers by Click Grafting. 2014 , 1613, 23-31	1

1049	Formalizing Modularization and Data Hiding in Synthetic Biology. 2014 , 11, 1-20	2
1048	Molecular locks and keys: the role of small molecules in phytohormone research. 2014 , 5, 709	31
1047	Sixteen-Membered Macrolides: Chemical Modifications and Future Applications. 2014 , 89, 281	18
1046	Facile diverted synthesis of pyrrolidinyl triazoles using organotrifluoroborate: discovery of potential mPTP blockers. 2014 , 12, 9674-82	14
1045	One-Pot Double Modification of Polymers Based on Thiolactone Chemistry. 2014 , 105-131	14
1044	Functionalized olefin cross-coupling to construct carbon-carbon bonds. 2014 , 516, 343-8	265
1043	High-throughput chemical modification of oligonucleotides for systematic structure-activity relationship evaluation. 2014 , 25, 2222-32	4
1042	Synthesis and photophysical characterisation of new fluorescent triazole adenine analogues. 2014 , 12, 5158-67	13
1041	(DHQD) ₂ PHAL ligand-accelerated Cu-catalyzed azide-alkyne cycloaddition reactions in water at room temperature. 2014 , 4, 64388-64392	25
1040	A new class of salicylic acid derivatives for inhibiting YopH of <i>Yersinia pestis</i> . 2014 , 22, 6781-8	2
1039	Über die Synthese von β -Azidoestern und geminalen Triaziden. 2014 , 126, 8047-8051	24
1038	Biochemical and structural analysis of inhibitors targeting the ADC-7 cephalosporinase of <i>Acinetobacter baumannii</i> . 2014 , 53, 7670-9	23
1037	Bioorthogonal chemistry for (68) Ga radiolabelling of DOTA-containing compounds. 2014 , 57, 291-7	19
1036	Glycoconjugated Rhenium(I) and 99m-Techneium(I) Carbonyl Complexes from Pyridyltriazole Ligands Obtained by Click Chemistry 2014 , 2014, 6290-6297	9
1035	Efficient Synthesis and Antibacterial Activities of Some Novel 1,2,3-Triazoles Prepared from Propargylic Alcohols and Benzyl Azides. 2014 , 51, 1298-1305	4
1034	Multistep flow synthesis of 5-amino-2-aryl-2H-[1,2,3]-triazole-4-carbonitriles. 2014 , 20, 12223-33	15
1033	Triazole-linked analogues of DNA and RNA ((TL)DNA and (TL)RNA): synthesis and functions. 2014 , 14, 41-51	21
1032	Polymethacrylate monoliths with immobilized poly-3-mercaptopropyl methylsiloxane film for high-coverage surface functionalization by thiol-ene click reaction. 2014 , 1367, 123-30	26

1031	Synthesis and biological applications of phosphinates and derivatives. 2015 , 360, 39-114	22
1030	Synthesis Podophyllotoxin Derivatives via Click Chemistry 2014 , 881-883, 400-404	1
1029	Click Reactions: An Emerging Tool for Biology. 2014 , 509-531	
1028	Glycoconjugation of 4-Methylumbelliferone via Click Chemistry 2014 , 881-883, 414-418	
1027	Radiolabeled nanoparticles for multimodality tumor imaging. 2014 , 4, 290-306	170
1026	Chemical Labeling of 5-Iodo-2'-deoxyuridine with 4-Ethynyl-N-ethyl-1,8-naphthalimide Using Copper-Free Sonogashira Cross-Coupling in Aqueous Medium. 2014 , 44, 1007-1011	6
1025	Transitioning pharmacoperones to therapeutic use: in vivo proof-of-principle and design of high throughput screens. 2014 , 83, 38-51	24
1024	Biological evaluation of new mimetics of annonaceous acetogenins: alteration of right scaffold by click linkage with aromatic functionalities. 2014 , 78, 248-58	10
1023	Application of Hantzsch Dihydropyridine in Copper-Catalyzed [3 + 2] Cycloaddition of Terminal Alkynes with Azides. 2014 , 44, 68-75	3
1022	Design and synthesis of anti-cancer cyclopeptides containing triazole skeleton. 2014 , 46, 1033-46	21
1021	A simple, efficient thermally promoted protocol for Huisgen-click reaction catalyzed by CuSO ₄ ·5H ₂ O in water. 2014 , 55, 2410-2414	32
1020	Photoinduced Copper(I)-Catalyzed Click Chemistry by the Electron Transfer Process Using Polynuclear Aromatic Compounds. 2014 , 215, 662-668	46
1019	Quantitative evaluation of the improvement in the pharmacokinetics of a nucleic acid drug delivery system by dynamic PET imaging with (18)F-incorporated oligodeoxynucleotides. 2014 , 180, 92-9	17
1018	Use of chloromethylstyrene as a supporter for convenient preparation of carbohydrate monomer and glycopolymers. 2014 , 107, 209-13	7
1017	Metal-Catalyzed and Metal-Free Alkyne Hydrothiolation: Synthetic Aspects and Application Trends. 2014 , 2014, 3955-3969	73
1016	Syntheses and structure-activity relationships for some triazolyl p38 MAPK inhibitors. 2014 , 24, 1352-7	14
1015	Zebrafish based strategy for the identification of a potential pharmacophore for apoptosis: a greener CuAAC approach for novel 1,2,3-triazoles derived from mefenamic acid. 2014 , 4, 4878	17
1014	1,2,3-Triazole-containing derivatives of rupestonic acid: click-chemical synthesis and antiviral activities against influenza viruses. 2014 , 76, 245-55	54

1013	Synthesis and biological evaluation of 4-(1,2,3-triazol-1-yl)coumarin derivatives as potential antitumor agents. 2014 , 24, 799-807	102
1012	Computational approaches and resources in single amino acid substitutions analysis toward clinical research. 2014 , 94, 365-423	19
1011	Iron-catalyzed C(sp ²)-H and C(sp ³)-H arylation by triazole assistance. 2014 , 53, 3868-71	219
1010	Synthesis and preliminary in vitro activity of mono- and bis-1-1,2,3-triazole-tethered β -lactam-isatin conjugates against the human protozoal pathogen. 2014 , 23, 3671-3680	14
1009	Biological Properties of 1H-1,2,3- and 2H-1,2,3-Triazoles. 2014 , 117-165	28
1008	Near-infrared fluorescence imaging of CD13 receptor expression using a novel Cy5.5-labeled dimeric NGR peptide. 2014 , 46, 1547-56	26
1007	One-Pot Synthesis of (1,2,3-Triazolyl)methyl 3,4-Dihydro-2-oxo-1H-pyrimidine-5-carboxylates as Potentially Active Antimicrobial Agents. 2014 , 97, 375-383	3
1006	Palladium-Catalyzed Acylation of 2-Aryl-1,2,3-triazoles with Aldehydes. 2014 , 356, 961-966	37
1005	Rational approaches, design strategies, structure activity relationship and mechanistic insights for anticancer hybrids. 2014 , 77, 422-87	266
1004	Discovery of novel P-glycoprotein-mediated multidrug resistance inhibitors bearing triazole core via click chemistry. 2014 , 84, 182-91	18
1003	Highly N2-selective coupling of 1,2,3-triazoles with indole and pyrrole. 2014 , 20, 974-8	35
1002	Synthesis of novel l-rhamnose derived acyclic C-nucleosides with substituted 1,2,3-triazole core as potent sodium-glucose co-transporter (SGLT) inhibitors. 2014 , 24, 1528-31	7
1001	anti-Markovnikov hydroamination of alkenes catalyzed by a two-component organic photoredox system: direct access to phenethylamine derivatives. 2014 , 53, 6198-201	176
1000	β Peptides from RuAAC-Derived 1,5-Disubstituted Triazole Units. 2014 , 2014, 2703-2713	19
999	Linear poly(amide triazole)s derived from d-glucose. 2014 , 52, 629-638	15
998	A convergent synthesis of alkyne-azide cycloaddition derivatives of 4- β , β -propyne podophyllotoxin depicting potent cytotoxic activity. 2014 , 77, 47-55	27
997	Design, synthesis and molecular docking of amide and urea derivatives as Escherichia coli PDHc-E1 inhibitors. 2014 , 22, 3180-6	11
996	Studies on Synthesis of Novel Triazole Tagged Pyrazole Fused Naphthalene 5-Thiazine-5,5-dioxide Derivatives, Their Antimicrobial, and Antioxidant Activity. 2014 , 51, E42-E49	4

995	The CuI-catalyzed alkyne-azide cycloaddition as direct conjugation/cyclization method of peptides to steroids. 2014 , 70, 3297-3305	16
994	Application of Click Chemistry to the Construction of Supramolecular Functional Systems. 2014 , 3, 582-602	41
993	Combined Ugi-4CR/CuAAC Approach to Triazole-Based Neoglycolipids. 2014 , 2014, 3671-3683	18
992	anti-Markovnikov Hydroamination of Alkenes Catalyzed by a Two-Component Organic Photoredox System: Direct Access to Phenethylamine Derivatives. 2014 , 126, 6312-6315	52
991	Visible-light-induced chemoselective deboronative alkynylation under biomolecule-compatible conditions. 2014 , 136, 2280-3	205
990	Copper-catalyzed oxyazidation of unactivated alkenes: a facile synthesis of isoxazolines featuring an azido substituent. 2014 , 16, 1562-5	108
989	Click chemistry inspired synthesis of morpholine-fused triazoles. 2014 , 79, 5752-62	61
988	Triazole-tailored guanosine dinucleosides as biomimetic ion channels to modulate transmembrane potential. 2014 , 20, 3023-8	20
987	Accessing new chemical entities through microfluidic systems. 2014 , 53, 5750-8	76
986	One-step synthesis of poly(triazole-ether-quinoxaline)s using click reaction: preparation and properties of magnetic nanocomposites with modified Fe ₃ O ₄ for metal ions removal. 2014 , 21, 1	7
985	Cellular incorporation of unnatural amino acids and bioorthogonal labeling of proteins. 2014 , 114, 4764-806	694
984	Synthesis and Anti-HIV Activity of Triazolo-Fused, Medium-Sized Cyclic Nucleoside Analogs Prepared by an Intramolecular Huisgen 1,3-Dipolar Cycloaddition. 2014 , 97, 733-743	7
983	Synthesis and evaluation of novel oleanolic acid derivatives as potential antidiabetic agents. 2014 , 83, 297-305	10
982	Manganese(II) chloride catalyzed highly efficient one-pot synthesis of propargylamines and fused triazoles via three-component coupling reaction under solvent-free condition. 2014 , 4, 26301-26308	31
981	One-pot synthesis of coumarin-3-carboxamides containing a triazole ring via an isocyanide-based six-component reaction. 2014 , 16, 176-83	37
980	N1-Selective Oxidative C-N Coupling of Azoles with Pyrroles Using a Hypervalent Iodine Reagent. 2014 , 3, 382-386	20
979	Application of CuAAC for the covalent immobilization of homogeneous catalysts. 2014 , 70, 1709-1731	44
978	A biocompatible, highly efficient click reaction and its applications. 2014 , 12, 865-71	54

- 977 Synthesis of 2,2,4-trimethyl-1,2-dihydroquinolinyl substituted 1,2,3-triazole derivatives: their evaluation as potential PDE 4B inhibitors possessing cytotoxic properties against cancer cells. **2014**, 53, 8-14 25
- 976 ZINClick: a database of 16 million novel, patentable, and readily synthesizable 1,4-disubstituted triazoles. **2014**, 54, 396-406 17
- 975 1H-1,2,3-Triazole-tethered isatin-7-chloroquinoline and 3-hydroxy-indole-7-chloroquinoline conjugates: synthesis and antimalarial evaluation. **2014**, 24, 756-9 45
- 974 DNA-associated click chemistry. **2014**, 57, 215-231 20
- 973 Applications of pentafluorophenyl boron reagents in the synthesis of heterocyclic and aromatic compounds. **2014**, 50, 1161-74 83
- 972 Cymantrene-Triazole Click-Products: Structural Characterization and Electrochemical Properties. **2014**, 33, 4687-4696 15
- 971 ZrO₂-supported Cu(II)-cyclodextrin complex: construction of 2,4,5-trisubstituted-1,2,3-triazoles via azide-chalcone oxidative cycloaddition and post-triazole alkylation. **2014**, 4, 55800-55806 24
- 970 Complexes of Copper(I) Thiocyanate with Monodentate Phosphine and Pyridine Ligands and the P(N)-Donor Diphenyl(2-pyridyl)phosphine. **2014**, 2014, 6104-6116 14
- 969 A dicationic, podand-like, ionic liquid water system accelerated copper-catalyzed azide-alkyne click reaction. **2014**, 25, 1643-1647 13
- 968 MicroPET imaging of CD13 expression using a (64)Cu-labeled dimeric NGR peptide based on sarcophagine cage. **2014**, 11, 3938-46 42
- 967 Synthesis of cinnamate ester-AZT conjugates as potential dual-action HIV-1 integrase and reverse transcriptase inhibitors. **2014**, 70, 9449-9455 4
- 966 Green-Synthesis of 1,4-disubstituted 5-iodo-1,2,3-triazoles under neat conditions, and an efficient approach of construction of 1,4,5-trisubstituted 1,2,3-triazoles in one pot. **2014**, 55, 7026-7028 20
- 965 Synthesis and Biological Studies of a Triazole Analogue of Resorcylic Acid Lactone LL-Z1640-2. **2014**, 2014, 7239-7244 6
- 964 Design, synthesis and evaluation of novel triazole core based P-glycoprotein-mediated multidrug resistance reversal agents. **2014**, 22, 6857-66 15
- 963 Metal-Free Cycloaddition of Internal Alkynes and Multifunctional Azides Under Solvent-Free Conditions. **2014**, 215, 1603-1608 24
- 962 Reprogramming Nonribosomal Peptide Synthetases for Clickable-Amino Acids. **2014**, 126, 10269-10272 16
- 961 Tetra-nuclear copper complex having PNP ligand to PDB ligand Synthesis, structural, and mechanistic studies. **2014**, 67, 3042-3053 3
- 960 Synthetic approach towards Click-modified chalcone based organotriethoxysilanes; UV-Vis study. **2014**, 4, 60853-60865 16

959	Cu(OAc) ₂ ·2H ₂ O/NH ₂ NH ₂ ·2H ₂ O: an efficient catalyst system that in situ generates Cu ₂ O nanoparticles and HOAc for Huisgen click reactions. 2014 , 4, 1010-1014	27
958	Chemoenzymatic synthesis of click glycosides and xylobiosides from lignocellulosic biomass. 2014 , 4, 9330	8
957	Synthesis, structure, and catalytic activities of new Cu(I) thiocarboxylate complexes. 2014 , 4, 39790-39797	20
956	A Click Chemistry Approach to Identify Protein Targets of Cancer Chemopreventive Phenethyl Isothiocyanate. 2014 , 4, 3920-3923	3
955	In cell scalarial interactome profiling using a bio-orthogonal clickable probe. 2014 , 50, 6043-5	13
954	Simple click reactions on polymer surfaces leading to antimicrobial behavior. 2014 , 2, 2084-2087	14
953	A 1,3-amino group migration route to form acrylamidines. 2014 , 50, 323-5	42
952	Raney Ni catalyzed azide-alkyne cycloaddition reaction. 2014 , 4, 46040-46048	23
951	Design, synthesis, crystal structure, insecticidal activity, molecular docking, and QSAR studies of novel N3-substituted imidacloprid derivatives. 2014 , 62, 5429-42	16
950	"Minimalist" cyclopropene-containing photo-cross-linkers suitable for live-cell imaging and affinity-based protein labeling. 2014 , 136, 9990-8	131
949	Phase transfer agent assisted biphasic CuAAC reaction. 2014 , 4, 26516	12
948	Supramolecular polymer gels with potential model-network structure. 2014 , 5, 3018-3029	63
947	Bis-triazologlycolipid mimetics low molecular weight organogelators. 2014 , 38, 3015-3021	9
946	New approaches to selectively target cancer-associated matrix metalloproteinase activity. 2014 , 33, 1043-57	54
945	Orthogonal functionalisation of β -helix mimetics. 2014 , 12, 6794-9	22
944	1,2,3-Triazoles from carbonyl azides and alkynes: filling the gap. 2014 , 50, 8978-81	26
943	Discovery of anion- π interactions in the recognition mechanism of inorganic anions by 1,2,3-triazolium rings. 2014 , 50, 4680-2	26
942	A highly efficient oxidative condensation reaction for selective protein conjugation. 2014 , 50, 7469-72	9

- 941 Synthesis of a recyclable and efficient Pd(II) 4-(2-pyridyl)-1,2,3-triazole complex over a solid periodic mesoporous organosilica support by click reactions for the Stille coupling reaction. **2014**, 4, 43070-43079 20
- 940 Design and synthesis of cyclic depsipeptides containing triazole (CDPT) rings. **2014**, 4, 10728 7
- 939 Cu(II) PBS-bridged PMOs catalyzed one-pot synthesis of 1,4-disubstituted 1,2,3-triazoles in water through click chemistry. **2014**, 4, 29772-29781 16
- 938 Structure and evaluation of antibacterial and antitubercular properties of new basic and heterocyclic 3-formylrifamycin SV derivatives obtained via 'click chemistry' approach. **2014**, 84, 651-76 28
- 937 Bioinspired manganese(II) complexes with a clickable ligand for immobilisation on a solid support. **2014**, 43, 9704-13 19
- 936 Efficient synthesis of 1,2,3-triazoles by copper-mediated C-N and N-N bond formation starting from N-tosylhydrazones and amines. **2014**, 20, 13692-7 49
- 935 One-Pot Tandem Synthesis of Tetrasubstituted Pyrazoles via 1,3-Dipolar Cycloaddition Between Aryl Hydrazones and Ethyl But-2-ynoate. **2014**, 44, 2222-2231 11
- 934 Click chemistry in complex mixtures: bioorthogonal bioconjugation. **2014**, 21, 1075-101 530
- 933 Design and synthesis of pironetin analogue/combretastatin A-4 hybrids containing a 1,2,3-triazole ring and evaluation of their cytotoxic activity. **2014**, 87, 125-30 20
- 932 Modification of graphene oxide by a facile coprecipitation method and click chemistry for use as a drug carrier. **2014**, 4, 28807-28813 17
- 931 Triazole Containing Novobiocin and Biphenyl Amides as Hsp90 C-Terminal Inhibitors. **2014**, 5, 1317-1323 23
- 930 Fluorophosphonylated Monomers for Dental Applications. **2014**, 18, 1010-1019 12
- 929 Bis(pentafluorosulfanyl)phenyl azide as an expeditious tool for click chemistry toward antitumor pharmaceuticals. **2014**, 9, 913-7 14
- 928 Supported CuBr on graphene oxide/Fe₃O₄: a highly efficient, magnetically separable catalyst for the multi-gram scale synthesis of 1,2,3-triazoles. **2014**, 4, 9830 53
- 927 Studies on non-covalent interaction of coumarin attached pyrimidine and 1-methyl indole 1,2,3 triazole analogues with intermolecular telomeric G-quadruplex DNA using ESI-MS and spectroscopy. **2014**, 33, 489-506 24
- 926 Synthesis and evaluation of the novel 2-[[1]]fluoro-3-propoxy-triazole-pyridine-substituted losartan for imaging AT₁ receptors. **2014**, 22, 3931-7 15
- 925 Highly selective synthesis of 1-polyfluoroaryl-1,2,3-triazoles via a one-pot three-component reaction. **2014**, 55, 5033-5037 17
- 924 Design, synthesis, and fungicidal evaluation of a series of novel 5-methyl-1H-1,2,3-triazole-4-carboxyl amide and ester analogues. **2014**, 86, 87-94 41

923	Introducing mercaptoacetic acid locking imine reaction into polymer chemistry as a green click reaction. 2014 , 5, 2695-2699	48
922	Mesoporous graphitic carbon nitride as a heterogeneous catalyst for photoinduced copper(I)-catalyzed azide-alkyne cycloaddition. 2014 , 4, 52170-52173	43
921	Onion peel dendrimers: a straightforward synthetic approach towards highly diversified architectures. 2014 , 5, 4321-4331	54
920	Alkyne-Azide Reactions. 2014 , 113-142	2
919	Synthesis of novel pyrimidine nucleoside analogues owning multiple bases/sugars and their glycosidase inhibitory activity. 2014 , 70, 8462-8473	19
918	Lewis base catalyzed aerobic oxidative intermolecular azide-zwitterion cycloaddition. 2014 , 53, 14186-90	90
917	Synthesis and photophysical properties of 1, 4-disubstituted naphthyloxymethyl-N-alkyl naphthimido-1,2,3-triazole. 2014 , 126, 1063-1074	5
916	Advanced strategies for efficient macrocyclic Cu(I)-catalyzed cycloaddition of azides. 2014 , 16, 5286-9	25
915	WITHDRAWN: Multicomponent domino process for the synthesis of some novel 5-(arylidene)-3-((1-aryl-1H-1,2,3-triazol-4-yl)methyl)thiazolidine-2,4-diones using PEG-400 as an efficient reaction medium and their antimicrobial evaluation. 2014 ,	
914	Synthesis and structure-activity relationships of pteridine dione and trione monocarboxylate transporter 1 inhibitors. 2014 , 57, 7317-24	36
913	A step-economical route to fused 1,2,3-triazoles via an intramolecular 1,3-dipolar cycloaddition between a nitrile and an in situ generated aryldiazomethane. 2014 , 79, 8889-94	22
912	Are 1,4- and 1,5-disubstituted 1,2,3-triazoles good pharmacophoric groups?. 2014 , 9, 2497-508	104
911	Reprogramming nonribosomal peptide synthetases for "clickable" amino acids. 2014 , 53, 10105-8	73
910	Unified flexible total synthesis of chlorofusin and artificial Click mimics as antagonists against p53-MDM2 interactions. 2014 , 55, 6055-6059	8
909	The effect of the sulfur position on the melting points of lipidic 1-methyl-3-thiaalkylimidazolium ionic liquids. 2014 , 118, 10232-9	20
908	Synthesis and cytotoxicity studies of 3,5-diaryl N-acetyl pyrazoline-β-atin hybrids. 2014 , 23, 4337-4344	23
907	Synthesis of novel spin-labeled podophyllotoxin derivatives as potential antineoplastic agents: Part XXV. 2014 , 23, 4926-4931	4
906	In vitro antimicrobial activity of o-phenylenediamine-tert-butyl-N-1,2,3-triazole carbamate analogs. 2014 , 23, 4962-4976	11

905	Azidoisocyanides, New Bifunctional Reagents for Multicomponent Reactions and Biomolecule Modifications. 2014 , 50, 197-213	6
904	An azido-oxazolidinone antibiotic for live bacterial cell imaging and generation of antibiotic variants. 2014 , 22, 4490-8	27
903	Click Chemistry: The Triazole Ring as a Privileged Peptidomimetic Scaffold. 2014 , 99-121	1
902	Metabolic engineering: the ultimate paradigm for continuous pharmaceutical manufacturing. 2014 , 7, 1847-53	12
901	Combination of click chemistry and sulfonamides to develop three-armed triazole compounds. 2014 , 70, 5439-5449	6
900	Sweet graphene I: toward hydrophilic graphene nanosheets via click grafting alkyne-saccharides onto azide-functionalized graphene oxide. 2014 , 396, 1-8	49
899	Smart chemistry in polymeric nanomedicine. 2014 , 43, 6982-7012	155
898	Microwave-assisted one-pot synthesis and anti-biofilm activity of 2-amino-1H-imidazole/triazole conjugates. 2014 , 12, 3671-8	21
897	6-Azido hyacinthacine A2 gives a straightforward access to the first multivalent pyrrolizidine architectures. 2014 , 12, 6250-66	23
896	InCl ₃ -mediated eco-friendly three-component domino reaction for synthesis of highly functionalized triazolylspiroxindolinopyrans and triazolylpyrans under solvent-free conditions. 2014 , 4, 19422	10
895	Synthesis and characterization of redox active cyrhetrene-triazole click products. 2014 , 770, 29-34	6
894	Transition metal-mediated bioorthogonal protein chemistry in living cells. 2014 , 43, 6511-26	228
893	Synthesis and preliminary biological evaluation of 1,2,3-triazole-Jaspine B hybrids as potential cytotoxic agents. 2014 , 80, 593-604	28
892	The synthesis of β -azidoesters and geminal triazides. 2014 , 53, 7913-7	70
891	SAR studies on hydropentalene derivatives--Important core units of biologically active tetramic acid macrolactams and ptychanolides. 2014 , 22, 3252-61	5
890	Biased and unbiased strategies to identify biologically active small molecules. 2014 , 22, 4474-89	12
889	Three-step pathway towards bis(1,2,3-triazolyl- β -propylsilatranes) as Cu ²⁺ fluorescent sensor, via Click Silylation 2014 , 55, 2551-2558	25
888	Triazole-assisted ruthenium-catalyzed C-H arylation of aromatic amides. 2014 , 20, 9739-43	61

887	Precise Engineering of Multifunctional PEGylated Polyester Nanoparticles for Cancer Cell Targeting and Imaging. 2014 , 26, 1834-1847	42
886	Polymer-peptide hybrids as a highly immunogenic single-dose nanovaccine. 2014 , 9, 35-43	41
885	Fused pyrimidine systems: XIII. Synthesis and some transformations of 1,3-thiazolo(thiazino)-fused pyrido[3,4-d]pyrimidines. 2014 , 50, 263-270	11
884	Synthesis and biological evaluation of amino acid-linked 1,2,3-bis-triazole conjugates as potential antimicrobial agents. 2014 , 23, 2995-3004	48
883	Crystallization-induced properties from morphology-controlled organic crystals. 2014 , 47, 2353-64	72
882	Synthesis and evaluation of iminocoumaryl and coumaryl derivatized glycosides as galectin antagonists. 2014 , 24, 3516-20	28
881	Fluorescence derivatization method for sensitive chromatographic determination of zidovudine based on the Huisgen reaction. 2014 , 1355, 206-10	5
880	A brief review of methods for terminal functionalization of DNA. 2014 , 67, 116-22	20
879	Decoration of silk fibroin by click chemistry for biomedical application. 2014 , 186, 420-30	42
878	Chemical conjugation of an mRNA cap analogue with a cell-penetrating peptide as a potential membrane permeable translation inhibitor. 2014 , 55, 606-609	10
877	Design of Photoaffinity Probe Molecules for Identification and Modification of Target Proteins. 2014 , 27, 453-458	3
876	Gold nanoparticles decorated with mannose-6-phosphate analogues. 2014 , 19, 1120-49	17
875	The Ability of 1-Aryltriazole-Containing Nucleobases to Recognize a TA Base Pair in Triplex DNA. 2014 , 88, 377	3
874	A CU[I] CATALYZED MILD AND GENERAL SYNTHESIS OF 1,4-DISUBSTITUTED-1,2,3-TRIAZOLES FROM TERMINAL ACETYLENES AND IN SITU GENERATED ALKYL AZIDES. 2014 , 89, 27	7
873	Evolution of the Chemical Industry and Importance of Multiphase Reactors. 2014 , 1-29	
872	Lewis Base Catalyzed Aerobic Oxidative Intermolecular Azide-Zwitterion Cycloaddition. 2014 , 126, 14410-14414	3
871	Eisen-katalysierte C(sp ²)-H- und C(sp ³)-H-Arylierung mit Triazol-Unterstützung. 2014 , 126, 3949-3952	55
870	Neue chemische Strukturen durch Mikrofluidiksysteme. 2014 , 126, 5858-5866	12

869	Developing cell-free protein synthesis systems: a focus on mammalian cells. 2014 , 2, 339-348	6
868	Structure-Based Design of Inhibitors of Protein-Protein Interactions: Mimicking Peptide Binding Epitopes. 2015 , 54, 8896-927	398
867	Rhodium(II) Azavinyl Carbenes and their Recent Application to Organic Synthesis. 2015 , 68, 1796	33
866	Strukturbasierte Entwicklung von Protein-Protein-Interaktionsinhibitoren: Stabilisierung und Nachahmung von Peptidliganden. 2015 , 127, 9022-9054	74
865	Advances in Merging Triazoles with Peptides and Proteins. 2015 , 267-304	2
864	Efficient continuous-flow synthesis of macrocyclic triazoles. 2015 , 5, 142-144	6
863	Reagents for the Covalent Attachment of mPEG to Peptides and Proteins. 2015 , 51-99	
862	Chemical Reactions for the Synthesis of Organic Nanomaterials on Surfaces. 2015 , 1-20	1
861	A new application of click chemistry in situ: development of fluorescent probe for specific G-quadruplex topology. 2015 , 5, 17202	26
860	Radiosynthesis of [¹⁸ F]Flotegatide ([¹⁸ F]RGD-K5). 2015 , 29-40	
859	Design and synthesis of 1-glycosyl-4-{N-[(2-morpholinethoxy)-phenyl]aminomethyl}-1H-1,2,3-triazoles as calcium activators. 2015 , 31, 952-957	2
858	Click Synthesis of Some Novel Benzimidazol Oxime Ethers Containing Heterocycle Residues as Potential Adrenergic Blocking Agents. 2015 , 62, 1097-1104	1
857	Radiosynthesis and 'click' conjugation of ethynyl-4-[(¹⁸ F)fluorobenzene--an improved [¹⁸ F]synthon for indirect radiolabeling. 2015 , 58, 473-8	10
856	Azide Chemistry [An Inorganic Perspective, Part II] [3+2]-Cycloaddition Reactions of Metal Azides and Related Systems. 2015 , 641, 1599-1678	58
855	Development and Optimization of Glaser-Hay Bioconjugations. 2015 , 127, 9475-9478	8
854	Manganese-Catalyzed Oxidative Azidation of Cyclobutanols: Regiospecific Synthesis of Alkyl Azides by C-C Bond Cleavage. 2015 , 127, 12883-12887	44
853	9H-Carbazole Derivatives Containing the N-Benzyl-1,2,3-triazole Moiety as New Acetylcholinesterase Inhibitors. 2015 , 348, 366-74	25
852	A Mechanochemically Triggered "Click" Catalyst. 2015 , 54, 13918-22	99

851	Novel Glycoconjugate of 8-Fluoro Norfloxacin Derivatives as Gentamicin-resistant Staphylococcus aureus Inhibitors: Synthesis and Molecular Modelling Studies. 2015 , 86, 440-6	17
850	Fluorescent Sterols and Cholesteryl Esters as Probes for Intracellular Cholesterol Transport. 2015 , 8, 95-114	24
849	SuFEx on the Surface: A Flexible Platform for Postpolymerization Modification of Polymer Brushes. 2015 , 127, 13568-13571	32
848	Manganese-Catalyzed Oxidative Azidation of Cyclobutanols: Regiospecific Synthesis of Alkyl Azides by C-C Bond Cleavage. 2015 , 54, 12692-6	143
847	Development and Optimization of Glaser-Hay Bioconjugations. 2015 , 54, 9343-6	28
846	SuFEx on the Surface: A Flexible Platform for Postpolymerization Modification of Polymer Brushes. 2015 , 54, 13370-3	78
845	Chimeric RNA Oligonucleotides with Triazole and Phosphate Linkages: Synthesis and RNA Interference. 2015 , 10, 2683-8	6
844	1,2,3-Triazole-assisted C-H amidation by cobalt(III) catalysis. 2017 , 4, 2184-2190	29
843	Multivalency Increases the Binding Strength of RGD Peptidomimetic-Paclitaxel Conjugates to Integrin $\alpha_5\beta_1$. 2017 , 23, 14410-14415	19
842	Ring Functionalization and Molecular Hybridization of Quinoliny Pyrazole: Design, Synthesis and Antimycobacterial Activity. 2017 , 2, 6529-6534	4
841	Structure-Affinity Relationships and Structure-Kinetics Relationships of Pyrido[2,1-f]purine-2,4-dione Derivatives as Human Adenosine A Receptor Antagonists. 2017 , 60, 7555-7568	21
840	New Hybrid Nanomaterials Derived from Chemical Functionalization of Clicked Graphene Oxide / Magnetite Nanocomposite with Peroxopolyoxotungstate Species. 2017 , 2, 10786-10792	9
839	A Homogeneous Cell-Based Halide-Sensitive Yellow Fluorescence Protein Assay to Identify Modulators of the Cystic Fibrosis Transmembrane Conductance Regulator Ion Channel. 2017 , 15, 395-406	5
838	Controlling thermal reactivity with different colors of light. 2017 , 8, 1869	29
837	Catalytic Click Reactions. 2017 , 1541-1556	1
836	Synthesis and antiviral activity of 1,2,3-triazole glycosides based substituted pyridine via click cycloaddition. 2017 , 87, 2444-2453	39
835	A one-pot, copper-catalyzed azidation/click reaction of aryl and heteroaryl bromides in an environmentally friendly deep eutectic solvent. 2017 , 73, 7024-7029	17
834	Development of squaraine based G-quadruplex ligands using click chemistry. 2017 , 7, 4766	20

833	Overcoming multidrug resistance using folate receptor-targeted and pH-responsive polymeric nanogels containing covalently entrapped doxorubicin. 2017 , 9, 10404-10419	47
832	Solvent-free implementation of two dissimilar reactions using recyclable CuO nanoparticles under ball-milling conditions: synthesis of new oxindole-triazole pharmacophores. 2017 , 19, 3601-3610	27
831	Synthesis and In Vitro Study of Hybrid Heterocyclic's as Potential Nematicidal Agents. 2017 , 54, 3250-3257	5
830	Cryptophycins: cytotoxic cyclodepsipeptides with potential for tumor targeting. 2017 , 23, 514-531	36
829	Discovery of a Small-Molecule Inhibitor of Interleukin 15: Pharmacophore-Based Virtual Screening and Hit Optimization. 2017 , 60, 6249-6272	12
828	The 1,2,3-triazole ring as a bioisostere in medicinal chemistry. <i>Drug Discovery Today</i> , 2017 , 22, 1572-15818.8	301
827	Identification and development of pyrazolo[4,3-c]pyridine carboxamides as Mycobacterium tuberculosis pantothenate synthetase inhibitors. 2017 , 41, 347-357	17
826	Coupling of Ligands to the Liposome Surface by Click Chemistry. 2017 , 1522, 93-106	1
825	1H-1,2,3-triazole-tethered uracil-ferrocene and uracil-ferrocenylchalcone conjugates: Synthesis and antitubercular evaluation. 2017 , 89, 856-861	23
824	Design, Synthesis, and Molecular Docking Studies of Pyrazine Containing 1,2,3-Triazole Derivatives. 2017 , 54, 1492-1505	0
823	Novel pyrimidine-2,4-dione-1,2,3-triazole and furo[2,3-d]pyrimidine-2-one-1,2,3-triazole hybrids as potential anti-cancer agents: Synthesis, computational and X-ray analysis and biological evaluation. 2017 , 125, 1247-1267	55
822	Synthesis and biological evaluation of novel 3-O-tethered triazoles of diosgenin as potent antiproliferative agents. 2017 , 118, 1-8	35
821	Functionalized graphene oxide supported copper (I) complex as effective and recyclable nanocatalyst for one-pot three component synthesis of 1,2,3-triazoles. 2017 , 31, e3626	6
820	Fabrication of silicon embedded isomeric chalcone linkers using [CuBr(PPh ₃) ₃]. 2017 , 125, 93-100	3
819	Trilobolide-steroid hybrids: Synthesis, cytotoxic and antimycobacterial activity. 2017 , 117, 97-104	13
818	1H-1,2,3-Triazole: From Structure to Function and Catalysis. 2017 , 54, 1677-1699	23
817	Synthesis, in vitro evaluation and molecular docking studies of novel triazine-triazole derivatives as potential β -glucosidase inhibitors. 2017 , 125, 423-429	85
816	Copper(II) complexes of chiral 1,2,3-triazole biheterocyclic click ligands equipped in Cinchona alkaloid moiety. 2017 , 121, 1-8	6

815	4-Aminoquinoline-ferrocenyl-chalcone conjugates: Synthesis and anti-plasmodial evaluation. 2017 , 125, 269-277	48
814	Fused Bicyclic Caspase-1 Inhibitors Assembled by Copper-Free Strain-Promoted Alkyne-Azide Cycloaddition (SPAAC). 2017 , 23, 360-369	5
813	The Evolving Landscape of Heterocycles in Drugs and Drug Candidates. 2017 , 1-12	38
812	Chemistry and Bioactivity of ent -Kaurene Diterpenoids. 2017 , 141-197	4
811	Copper (II) Ions Immobilized onto Aminoquinoline-Functionalized Ferrite: A New Efficient and Recoverable Catalyst for the Water-Synthesis of Triazole Derivatives. 2017 , 2, 11942-11948	7
810	"Drug" Discovery with the Help of Organic Chemistry. 2017 , 137, 283-292	2
809	Polymer Synthesis: Copper-Catalyzed Azide Alkyne Cycloaddition. 2017 , 1-40	
808	Regioselective synthesis of functionalized 1,2,3-triazoles via oxidative [3+2]-cycloaddition using Zn(OAc) ₂ - tBuOOH or ZnO nanoparticle as catalyst system in aqueous medium. 2017 , 99, 115-120	12
807	Synthesis and antibacterial activity of 1-N-(β -D-glucopyranosyl)-4-((1-substituted-1H-1,2,3-triazol-4-yl)ethoxymethyl)-1,2,3-triazoles. 2017 , 10, S3508-S3514	6
806	Thiol-Ene Photo-Click Collagen-PEG Hydrogels: Impact of Water-Soluble Photoinitiators on Cell Viability, Gelation Kinetics and Rheological Properties. 2017 , 9,	41
805	Design and Antiproliferative Evaluation of Novel Sulfanilamide Derivatives as Potential Tubulin Polymerization Inhibitors. 2017 , 22,	18
804	Rational Design of Nucleoside-Bile Acid Conjugates Incorporating a Triazole Moiety for Anticancer Evaluation and SAR Exploration. 2017 , 22,	14
803	Designed Hybrid Compounds for Tropical Parasitic Diseases. 2017 , 83-135	2
802	Click Chemistry in Medicinal Chemistry for Comprehensive Medicinal Chemistry III. 2017 , 296-325	
801	Lignocellulosic Micro- and Nanomaterials as Copper Frames for the Evaluation of the Copper(I)-Catalyzed Azide-Alkyne Cycloaddition. 2017 , 2017, 1-6	7
800	4.26 pH-Responsive Polymers for the Intracellular Delivery of Biomolecular Drugs. 2017 , 472-492	
799	An eco-compatible strategy for the diversity-oriented synthesis of macrocycles exploiting carbohydrate-derived building blocks. 2017 , 13, 1106-1118	15
798	Cholesterol: Revisiting its fluorescent journey on 200th anniversary of Chevreul's "cholesterine" 2017 , 6, 1-24	3

797	Improved epoxy thermosets by the use of poly(ethyleneimine) derivatives. 2017 , 2,	1
796	Fluorescence of Hydroxyphenyl-Substituted "Click" Triazoles. 2018 , 122, 2956-2973	18
795	Rigid Peptide Macrocycles from On-Resin Glaser Stapling. 2018 , 19, 1031-1035	19
794	Design and synthesis of new carbohydrate-lithocholic acid conjugates linked via 1,2,3-triazole rings. 2018 , 74, 2009-2019	3
793	Synthesis of Triazole Derivatives of Levoglucosenone As Promising Anticancer Agents: Effective Exploration of the Chemical Space through retro-aza-Michael//aza-Michael Isomerizations. 2018 , 83, 3516-3528	14
792	Synthesis and Cytotoxicity Evaluation of Pentacyclic Triterpene Phenol Nitrogen Mustard Conjugates. 2018 , 54, 106-111	8
791	MSN-on-a-Chip: Cell-Based Screenings Made Possible on a Small-Molecule Microarray of Native Natural Products. 2018 , 19, 986-996	5
790	Epoxides related to dioncoquinone B: Synthesis, activity against multiple myeloma cells, and search for the target protein. 2018 , 74, 5102-5112	2
789	Synthesis and Biological Evaluation of Paclitaxel Conjugates Involving Linkers Cleavable by Lysosomal Enzymes and α V β 3-Integrin Ligands for Tumor Targeting. 2018 , 2018, 2902-2909	13
788	Heterogeneous azide-alkyne cycloaddition in the presence of a copper catalyst supported on an ionic liquid polymer/silica hybrid material. 2018 , 32, e4343	10
787	Synthesis of Some New Scaffolds of Amino Isoxazolidines and Their Further Functionalization into New Class of Peptides: A New Approach. 2018 , 55, 1053-1060	5
786	The Green ChemisTREE: 20 years after taking root with the 12 principles. 2018 , 20, 1929-1961	313
785	Click Chemistry Approaches to Expand the Repertoire of PEG-based Fluorinated Surfactants for Droplet Microfluidics. 2018 , 8, 12960-12974	3
784	Synthesis of heterogeneous Ru(II)-1,2,3-triazole catalyst supported over SBA-15: application to the hydrogen transfer reaction and unusual highly selective 1,4-disubstituted triazole formation via multicomponent click reaction. 2018 , 8, 3246-3259	24
783	CuO-Nanoparticles Catalyzed Synthesis of 1,4-Disubstituted-1,2,3-Triazoles from Bromoalkenes. 2018 , 130, 1	6
782	Design and synthesis of 1,4-substituted 1H-1,2,3-triazolo-quinazolin-4(3H)-ones by Huisgen 1,3-dipolar cycloaddition with PI3K β isoform selective activity. 2018 , 28, 1005-1010	7
781	SuFEx Click Chemistry Enabled Late-Stage Drug Functionalization. 2018 , 140, 2919-2925	111
780	Substitution of terminal amide with 1H-1,2,3-triazole: Identification of unexpected class of potent antibacterial agents. 2018 , 28, 884-891	18

779	"Click" chemistry in polymeric scaffolds: Bioactive materials for tissue engineering. 2018 , 273, 160-179	127
778	Design and Synthesis of Novel 1,2,3-triazolyl-pyrimidinone Hybrids as Potential Anti-HIV-1 NNRT Inhibitors. 2018 , 55, 821-829	1
777	Ionic liquid syntheses via click chemistry: expeditious routes toward versatile functional materials. 2018 , 54, 2944-2961	37
776	Design and synthesis of fluorescent symmetric bis-triazolylated-1,4-dihydropyridines as potent antibreast cancer agents. 2018 , 48, 778-785	10
775	One-pot three-component tandem reaction: Synthesis of aryl/alkyl cyanamides libraries and their further conversion into tetrazole derivatives. 2018 , 48, 500-510	7
774	Azide-Alkyne Cycloaddition En Route to 1-1,2,3-Triazole-Tethered Isatin-Ferrocene, Ferrocenylmethoxy-Isatin, and Isatin-Ferrocenylchalcone Conjugates: Synthesis and Antiproliferative Evaluation. 2018 , 3, 1263-1268	27
773	Synthesis and biological evaluation of longanlactone analogues as neurotrophic agents. 2018 , 28, 673-676	5
772	An Efficient Method for the Conjugation of Hydrophilic and Hydrophobic Components by Solid-Phase-Assisted Disulfide Ligation. 2018 , 130, 2192-2195	1
771	Synthesis and Immobilization of Benzothiazole-Appended Triazole-Silane: Biological Evaluation and Molecular Docking Approach. 2018 , 3, 1609-1614	2
770	Biosynthesis and Characterization of Copper Nanoparticles Using <i>Shewanella oneidensis</i> : Application for Click Chemistry. 2018 , 14, 1703145	87
769	An Efficient Method for the Conjugation of Hydrophilic and Hydrophobic Components by Solid-Phase-Assisted Disulfide Ligation. 2018 , 57, 2170-2173	4
768	Jietacins, azoxy antibiotics with potent nematocidal activity: Design, synthesis, and biological evaluation against parasitic nematodes. 2018 , 145, 524-538	7
767	A recyclable/reusable hydrotalcite supported copper nano catalyst for 1,4-disubstituted-1,2,3-triazole synthesis via click chemistry approach. 2018 , 59, 397-401	29
766	Dimers of coumarin-1,2,3-triazole hybrids bearing alkyl spacer: Design, microwave-assisted synthesis, molecular docking and evaluation as antimycobacterial and antimicrobial agents. 2018 , 1157, 312-321	30
765	Synthesis of a heterogeneous Cu(OAc) ₂ -anchored SBA-15 catalyst and its application in the CuAAC reaction. 2018 , 42, 1612-1616	8
764	The Locational Impact of Site-Specific PEGylation: Streamlined Screening with Cell-Free Protein Expression and Coarse-Grain Simulation. 2018 , 7, 510-521	29
763	SuFEx Postpolymerization Modification Kinetics and Reactivity in Polymer Brushes. 2018 , 51, 297-305	15
762	Design, synthesis, and structure-activity relationships of novel imidazo[4,5-c]pyridine derivatives as potent non-nucleoside inhibitors of hepatitis C virus NS5B. 2018 , 26, 2621-2631	14

761	Rhodium(I)-Catalyzed Azide-Alkyne Cycloaddition (RhAAC) of Internal Alkynylphosphonates with High Regioselectivities under Mild Conditions. 2018 , 360, 2429-2434	27
760	Azidoheteroarylation of unactivated olefins through distal heteroaryl migration. 2018 , 5, 1896-1899	37
759	Photochromism of dihydroindolizines. Part XXIV: Exploiting Click chemistry strategy in the synthesis of fluorenyldihydroindolizines with multiaddressable photochromic properties. 2018 , 360, 210-223	2
758	Computational investigations of click-derived 1,2,3-triazoles as keystone ligands for complexation with transition metals: a review.. 2018 , 8, 12232-12259	21
757	Covalent functionalization of SWCNT with combretastatin A4 for cancer therapy. 2018 , 29, 245101	12
756	Polymer engineering based on reversible covalent chemistry: A promising innovative pathway towards new materials and new functionalities. 2018 , 80, 39-93	285
755	Electrolytic copper as cheap and effective catalyst for one-pot triazole synthesis. 2018 , 8, 4496	2
754	A Short Review on Synthetic Advances toward the Synthesis of Rufinamide, an Antiepileptic Drug. 2018 , 22, 457-466	23
753	Oxygen insensitive thiol-ene photo-click chemistry for direct imprint lithography of oxides.. 2018 , 8, 11403-11415	15
752	Synthesis, spectroscopic characterization, and DFT studies of 1,2,3-triazole-based organosilicon compounds. 2018 , 1167, 200-208	2
751	De Novo Ring-Forming Consecutive Four-Component Syntheses of 4-Pyrazolyl-1,2,3-triazoles from (Triisopropylsilyl)butadiyne as a C4 Building Block. 2018 , 83, 4851-4858	13
750	A tumor multicomponent targeting chemoimmune drug delivery system for reprogramming the tumor microenvironment and personalized cancer therapy. <i>Drug Discovery Today</i> , 2018 , 23, 1344-1356	8.8 18
749	CW EPR parameters reveal cytochrome P450 ligand binding modes. 2018 , 183, 157-164	5
748	Chemically Induced Degradation of Sirtuin 2 (Sirt2) by a Proteolysis Targeting Chimera (PROTAC) Based on Sirtuin Rearranging Ligands (SirReals). 2018 , 61, 482-491	144
747	Complex molecules, clever solutions - Enzymatic approaches towards natural product and active agent syntheses. 2018 , 26, 1285-1303	18
746	A rhodamine-triazole fluorescent chemodosimeter for Cu detection and its application in bioimaging. 2018 , 33, 64-70	18
745	Copper-catalyzed coupling of oxime acetates and aryldiazonium salts: an azide-free strategy toward N-2-aryl-1,2,3-triazoles. 2018 , 5, 571-576	37
744	The effect of structure of mesoporous silica and niobiosilicate on incorporation and stability of modifiers introduced by the click reaction catalyzed by different copper salts. 2018 , 258, 41-54	11

743	Synthesis of Purine-based Triazoles by Copper (I)-catalyzed Huisgen Azide-Alkyne Cycloaddition Reaction. 2018 , 55, 199-208	11
742	How good is CuAAC Click Chemistry for polymer coupling reactions?. 2018 , 56, 75-84	10
741	Expeditious microwave-assisted synthesis and bio-evaluation of novel bis (trifluoromethyl) phenyl-triazole-pyridine hybrid analogues by the click chemistry approach. 2018 , 44, 585-599	4
740	An expedient Click Approach for the synthetic evaluation of ester-triazole-tethered organosilica conjugates. 2018 , 32, e4028	1
739	Masking Strategies for the Bioorthogonal Release of Anticancer Glycosides. 2018 , 269-298	
738	Diversified polyoxovanadate derivatives obtained by copper(i)-catalysed azide-alkyne cycloaddition reaction: their synthesis and structural characterization. 2018 , 47, 577-584	14
737	Synthesis of novel macrocycles carrying pincer-type ligands as future candidates for potential applications in size-selective, stereochemical and recyclable catalysts. 2018 , 1155, 734-744	0
736	Substituent-Directed Regioselective Azidation: Copper-Catalyzed C-H Azidation and Iodine-Catalyzed Dearomatizative Azidation of Indole. 2018 , 83, 228-235	23
735	Investigation of copper-free alkyne/azide 1,3-dipolar cycloadditions using microwave irradiation. 2018 , 28, 81-84	8
734	Experimental and Computational Studies on Catalytic Activity of Novel Adenine-Based Nano Cu(I) Polymers in Regioselective Synthesis of 1,4-Disubstituted 1,2,3-Triazoles. 2018 , 28, 767-776	5
733	Precise synthesis of thermoresponsive polyvinylphosphonate-biomolecule conjugates via thiol-ene click chemistry. 2018 , 9, 284-290	14
732	1,5-Disubstituted 1,2,3-Triazole-Containing Peptidotriazolamers: Design Principles for a Class of Versatile Peptidomimetics. 2018 , 24, 953-961	16
731	In Vitro Evaluation of Anti-Aggregation and Degradation Behavior of PEGylated Polymeric Nanogels under In Vivo Like Conditions. 2018 , 18, 1700127	2
730	Design, synthesis and biological evaluation of novel benzimidazole amidines as potent multi-target inhibitors for the treatment of non-small cell lung cancer. 2018 , 143, 1616-1634	56
729	Polycatenar bent-shaped liquid crystals with columnar and cubic phases: Synthesis multi-responsive organogels and chemosensors. 2018 , 249, 723-731	15
728	Internal Peptide Late-Stage Diversification: Peptide-Isosteric Triazoles for Primary and Secondary C(sp ³)-H Activation. 2018 , 57, 203-207	98
727	Internal Peptide Late-Stage Diversification: Peptide-Isosteric Triazoles for Primary and Secondary C(sp ³)-H Activation. 2018 , 130, 209-213	40
726	Enhanced Azidolysis by the Formation of Stable Ser-His Catalytic Dyad in a Glycoside Hydrolase Family 10 Xylanase Mutant. 2018 , 65, 1-8	2

- 725 Microwave-assisted Cu-catalyzed C-C bond formation: one-pot synthesis of fully substituted 1,2,3-triazoles using nonsymmetrical iodoalkynes and their biological evaluation. **2018**, 54, 1161-1167 15
- 724 Efficient synthesis of 2-arylquinazolin-4-amines via a copper-catalyzed diazidation and ring expansion cascade of 2-arylindoles. **2018**, 54, 12602-12605 15
- 723 Synthesis of novel cyclopeptides containing heterocyclic skeletons.. **2018**, 8, 33893-33926 9
- 722 A Novel Initiator Containing Alkyne Group for the Polymerization of 2-Ethyl-2-oxazoline. **2018**, 31, 77-84 4
- 721 Mannosylated Constructs as a Platform for Cell-Specific Delivery of Bioactive Agents. **2018**, 35, 157-194 12
- 720 Synthesis, Characterization and Cytotoxic Activity of some new 1,2,3-Triazole, Oxadiazole and Azabenzolactam Derivatives. **2018**, 34, 2350-2360 2
- 719 Nucleophilicity and Electrophilicity Parameters for Predicting Absolute Rate Constants of Highly Asynchronous 1,3-Dipolar Cycloadditions of Aryldiazomethanes. **2018**, 140, 16758-16772 39
- 718 SOF-Mediated Oxidative Dehydrogenation and Dehydration of Alcohols to Alkynes. **2018**, 140, 17666-17673 48
- 717 One-Pot Synthesis of 7-(Benzimidazol-2-yl)thioxolumazine and -lumazine Derivatives via HSO-Catalyzed Rearrangement of Quinoxalinones When Exposed to 5,6-Diamino-2-mercapto- and 2,5,6-Triaminopyrimidin-4-ols. **2018**, 83, 14942-14953 10
- 716 Versatile Synthetic Approach for Selective Diversification of Bicyclic Aza-Diketopiperazines. **2018**, 3, 15182-15192 4
- 715 Metal- and Phenol-Free Synthesis of Biaryl Ethers: Access to Dibenzobistriazolo-1,4,7-oxadiazonines and Vancomycin-Like Glyco-Macrocycles as Antibacterial Agents. **2018**, 83, 14882-14893 4
- 714 Copper-Catalyzed Multicomponent Domino Reaction of 2-Bromobenzaldehydes, Aryl Methyl Ketones, and Sodium Azide: Access to 1 H-[1,2,3]Triazolo[4,5- c]quinoline Derivatives. **2018**, 83, 14802-14810 15
- 713 Catalytic Regio- and Enantioselective Haloazidation of Allylic Alcohols. **2018**, 140, 15646-15650 32
- 712 Copper(I)-catalyzed tandem reaction: synthesis of 1,4-disubstituted 1,2,3-triazoles from alkyl diacyl peroxides, azidotrimethylsilane, and alkynes. **2018**, 14, 2916-2922 7
- 711 Rapid and Modular Assembly of Click Substrates To Assay Enzyme Activity in the Newborn Screening of Lysosomal Storage Disorders. **2018**, 4, 1688-1696 5
- 710 Tandem Metathesis Polymerization-Induced Self-Assembly to Nanostructured Block Copolymer and the Controlled Triazolinedione Modification for Enhancing Dielectric Properties. **2018**, 51, 10202-10213 20
- 709 Rhodium(III)-Catalyzed Direct C-H Alkylation of 2-Aryl-1,2,3-triazole N-Oxides with Maleimides. **2018**, 2018, 6919-6923 9
- 708 PIDA/TBAB-Promoted Oxidative Geminal Dibromofunctionalization of Alkynes: Direct Synthesis of Geminal Diazides. **2018**, 2018, 5700-5705 12

707	Activity-Based Protein Profiling Methods to Study Bacteria: The Power of Small-Molecule Electrophiles. 2019 , 420, 23-48	9
706	Biological Evaluation and Docking Studies of Synthetic Oleanane-type Triterpenoids. 2018 , 3, 11455-11468	5
705	A Direct P2O5-Mediated Synthesis of Diverse Sulfur-Containing Triazoles via Alkylation of NH-1,2,3-triazoles with Dimethyl Sulfoxide. 2018 , 3, 10277-10280	2
704	Protein Glycosylation through Sulfur Fluoride Exchange (SuFEx) Chemistry: The Key Role of a Fluorosulfate Thiolactoside. 2018 , 24, 18981-18987	9
703	Catalytic Cycloaddition Reactions: Coming Full Circle. 2018 , 291-319	
702	Novel Biomimetic Microphysiological Systems for Tissue Regeneration and Disease Modeling. 2018 , 1077, 87-113	1
701	Colorimetric Detection of Copper Ion Based on Click Chemistry. 2018 ,	1
700	Discovery of Novel Flavonoid Dimers To Reverse Multidrug Resistance Protein 1 (MRP1, ABCC1) Mediated Drug Resistance in Cancers Using a High Throughput Platform with "Click Chemistry". 2018 , 61, 9931-9951	16
699	Synthesis, Photophysical Properties, and Computational Analysis of Di- and Tetranuclear Alkyne Complexes of Copper(I) Supported by a Highly Fluorinated Pyrazolate. 2018 , 37, 4105-4118	16
698	Synthesis of novel 2-acetamidothiazoles tethered with 1,2,3-triazole and pyridine pharmacophores. 2018 , 29, e21447	
697	Salophen Copper(II) Complex-Assisted Click Reactions for Fast Synthesis of 1,2,3-Triazoles Based on Naphthalene-1,4-dione Scaffold, Antibacterial Evaluation, and Molecular Docking Studies. 2019 , 16, e1800410	5
696	Study on the green click-chemistry synthesis of 4-trifluoroacetyl-1,2,3-triazoles. 2018 , 74, 6985-6992	7
695	Regiodivergent Rhodium(I)-Catalyzed Azide-Alkyne Cycloaddition (RhAAC) To Access Either Fully Substituted Sulfonyl-1,2,3-triazoles under Mild Conditions. 2018 , 20, 6705-6709	33
694	Activity-Based Protein Profiling of Non-ribosomal Peptide Synthetases. 2019 , 420, 321-349	2
693	Enzyme-like Click Catalysis by a Copper-Containing Single-Chain Nanoparticle. 2018 , 140, 13695-13702	57
692	Catalyst-free synthesis of 4-acyl-1,2,3-triazoles by water-mediated cycloaddition reactions of enamines and tosyl azide. 2018 , 14, 2348-2353	26
691	Synthesis, Secondary Structure, and Anion Binding of Acyclic Carbohydrate-Derived Oligo(amide-triazole)s. 2018 , 2018, 6787-6799	3
690	Synthesis and Antibacterial Evaluation of Benzofuran Based Di-1,2,3-triazoles. 2018 , 88, 1515-1524	6

689	HDAC as onco target: Reviewing the synthetic approaches with SAR study of their inhibitors. 2018 , 158, 620-706	50
688	ThiolEne Coupling in a Continuous Photo-Flow Regime. 2018 , 2, 884-889	2
687	An effective method for the synthesis of 1,5-disubstituted 4-halo-1H-1,2,3-triazoles from magnesium acetylides. 2018 , 54, 755-757	3
686	5-Benzoyl triazole as new structural dimension in glycoconjugates. 2018 , 469, 23-30	1
685	Copper complexes bearing C-scorpionate ligands: Synthesis, characterization and catalytic activity for azide-alkyne cycloaddition in aqueous medium. 2018 , 483, 371-378	16
684	Microwave-assisted Synthesis of Hybrid Heterocyclics as Biological Potent Molecules. 2018 , 55, 1564-1573	5
683	Oxidation resistance 1 is a novel senolytic target. 2018 , 17, e12780	66
682	Design, synthesis and evaluation of a novel series of inhibitors reversing P-glycoprotein-mediated multidrug resistance. 2018 , 92, 1708-1716	10
681	Tandem One-Pot Approach To Access 1,2,3-Triazole-fused Isoindolines through Cu-Catalyzed 1,6-Conjugate Addition of MeSiN to p-Quinone Methides followed by Intramolecular Click Cycloaddition. 2018 , 83, 8596-8606	28
680	Synthesis and Antibacterial Evaluation of 1,2,3-Triazole-based Quinazolines Using Click Chemistry in the Presence of Salophen Schiff Base Ligand. 2018 , 55, 1651-1657	1
679	Synthesis, crystal structure and antimicrobial potential of some fluorinated chalcone-1,2,3-triazole conjugates. 2018 , 155, 263-274	65
678	Screening Combinatorial Peptide Libraries in Protease Inhibitor Drug Discovery. 2018 , 307-350	
677	Water Permeability and Elastic Properties of an Archaea Inspired Lipid Synthesized by Click Chemistry. 2018 , 30, 3618-3622	6
676	Hydrosoluble Cu(i)-DAPTA complexes: synthesis, characterization, luminescence thermochromism and catalytic activity for microwave-assisted three-component azide-alkyne cycloaddition click reaction. 2018 , 47, 7290-7299	28
675	Copper(I) oxide nanoparticles catalyzed click chemistry based synthesis of melampomagnolide B-triazole conjugates and their anti-cancer activities. 2018 , 156, 216-229	13
674	Theoretical investigation of Banert cascade reaction. 2018 , 5, 171075	5
673	Synthesis and antiplasmodial activity of glyco-conjugate hybrids of phenylhydrazono-indolinones and glycosylated 1,2,3-triazolyl-methyl-indoline-2,3-diones. 2018 , 155, 764-771	19
672	Late-Stage Peptide Diversification by Position-Selective C-H Activation. 2018 , 57, 14700-14717	188

671	Terminal Alkyne Biosynthesis in Marine Microbes. 2018 , 604, 89-112	3
670	A facile synthesis of diverse 5-arylated triazoles via a Cu-catalyzed oxidative interrupted click reaction with arylboronic acids in air. 2018 , 5, 2463-2467	13
669	Crystal structure analysis of [5-(4-meth-oxy-phen-yl)-2-methyl-2-1,2,3-triazol-4-yl](thio-phen-2-yl)methanone. 2018 , 74, 1178-1181	6
668	An Affinity-Based Probe for the Human Adenosine A Receptor. 2018 , 61, 7892-7901	27
667	Applications of Click Chemistry in the Development of HIV Protease Inhibitors. 2018 , 2018, 2946730	1
666	1,2,3-triazole tethered Indole-3-glyoxamide derivatives as multiple inhibitors of 5-LOX, COX-2 & tubulin: Their anti-proliferative & anti-inflammatory activity. 2018 , 81, 1-20	57
665	Synthesis of a Novel Fluorescent Ruthenium Complex with an Appended Acetylcholinesterase Inhibitor Moiety by Click Reaction. 2018 , 23,	2
664	Recent applications of click chemistry for the functionalization of gold nanoparticles and their conversion to glyco-gold nanoparticles. 2018 , 14, 11-24	36
663	Peptid-Diversifizierung durch positionselektive C-H-Aktivierung im späten Synthesestadium. 2018 , 130, 14912-14930	54
662	An efficient metal catalyst free approach to synthesize 5-(4-(1,2,4,5-tetrazin-3-yl)benzylamino)-5-oxopentanoic acid. 2018 , 59, 3100-3103	2
661	Copper-Free 'Click' Chemistry-Based Synthesis and Characterization of Carbonic Anhydrase-IX Anchored Albumin-Paclitaxel Nanoparticles for Targeting Tumor Hypoxia. 2018 , 19,	20
660	Molecular Consortia-Variou Structural and Synthetic Concepts for More Effective Therapeutics Synthesis. 2018 , 19,	24
659	Increasing Polarity in Tacrine and Huprine Derivatives: Potent Anticholinesterase Agents for the Treatment of Myasthenia Gravis. 2018 , 23,	19
658	Synthesis of Antibacterial Nisin?Peptoid Hybrids Using Click Methodology. 2018 , 23,	8
657	Chitosan Derivatives: Introducing New Functionalities with a Controlled Molecular Architecture for Innovative Materials. 2018 , 10,	60
656	Click chemistry in sphingolipid research. 2018 , 215, 71-83	15
655	Identification of Novel, Structurally Diverse, Small Molecule Modulators of GPR119. 2018 , 16, 278-288	4
654	Recent Advancements in 1,4-Disubstituted 1H-1,2,3-Triazoles as Potential Anticancer Agents. 2018 , 18, 21-37	51

- 653 Catalyst and solvent free microwave-assisted synthesis of substituted 1,2,3-triazoles. **2018**, 20, 3700-3704 18
- 652 Regioselective Synthesis and Antibacterial Activity Studies of 1,2,3-Triazol-4-yl]-4-methyl-2H-chromen-2-ones. **2018**, 55, 1398-1402 3
- 651 Towards click chemistry: Multicomponent reactions via combinations of name reactions. **2018**, 74, 3391-3457 38
- 650 Synthesis and photophysical studies of a multivalent photoreactive Ru-calix[4]arene complex bearing RGD-containing cyclopentapeptides. **2018**, 14, 1758-1768 4
- 649 Recent Progress in the Chemistry of Tri-substituted Triazole via [3 + 2] Cycloaddition of Azide and Double Bond: An Overview. **2018**, 119-129 1
- 648 A novel high-capacity immunoabsorbent with PAMAM dendritic spacer arms by click chemistry. **2018**, 42, 15726-15732 3
- 647 Ribosome-Templated Azide-Alkyne Cycloadditions Using Resistant Bacteria as Reaction Vessels: Click Chemistry. **2018**, 9, 907-911 9
- 646 Novel synthesis of 5-iodo-1,2,3-triazoles using an aqueous iodination system under air. **2018**, 59, 3563-3566 4
- 645 Chemoenzymatic Methods for the Synthesis of Glycoproteins. **2018**, 118, 8359-8413 112
- 644 Copper Ligand and Anion Effects: Controlling the Kinetics of the Photoinitiated Copper(I) Catalyzed Azide-Alkyne Cycloaddition Polymerization. **2018**, 9, 4772-4780 6
- 643 Influence of Alkyne and Azide Substituents on the Choice of the Reaction Mechanism of the Cu-Catalyzed Addition of Azides to Iodoalkynes. **2018**, 122, 7497-7507 5
- 642 Two-Component Stapling of Biologically Active and Conformationally Constrained Peptides: Past, Present, and Future. **2018**, 1, 1800052 21
- 641 MMB triazole analogs are potent NF- κ B inhibitors and anti-cancer agents against both hematological and solid tumor cells. **2018**, 157, 562-581 18
- 640 Recent Advances in Triazolyl Nucleosides. **2018**, 153-173
- 639 Druggability Assessment of Targets Used in Kinetic Target-Guided Synthesis. **2018**, 61, 9395-9409 12
- 638 Controlled mono-olefination versus diolefination of arenes via C \equiv N activation in water: a key role of catalysts. **2018**, 20, 3140-3146 18
- 637 Synergistic Effect of Copper and Ruthenium on Regioselectivity in the Alkyne-Azide Click Reaction of Internal Alkynes. **2018**, 22, 880-887 5
- 636 A new and informative [a,b,c,d] nomenclature for one-pot multistep transformations: a simple tool to measure synthetic efficiency.. **2018**, 8, 21292-21305 6

- 635 A 1,2,3-triazolyl based conjugated microporous polymer for sensitive detection of p-nitroaniline and Au nanoparticle immobilization. **2018**, 9, 3832-3839 37
- 634 A one-pot protocol for copper-mediated azide-alkyne cycloaddition using alkenyl triflate precursors. **2019**, 30, 269-270 4
- 633 Manipulation of planar structure of 1,2,5- and 1,3,4-triazoles and the pseudo Jahn-Teller effect in their 1-pnictogen derivatives. **2019**, 73, 85-94 1
- 632 Nucleoside dimers analogs containing floxuridine and thymidine with unnatural linker groups: synthesis and cancer line studies. Part III. **2019**, 38, 980-1005 4
- 631 Synthesis of glycoconjugate mimics by 'click chemistry'. **2019**, 484, 107775 5
- 630 Synthesis and biological evaluation of novel triazolyl 4-anilinoquinazolines as anticancer agents. **2019**, 28, 1766-1772 4
- 629 Alkynylation of radicals: spotlight on the "Third Way" to transfer triple bonds. **2019**, 10, 8909-8923 33
- 628 Planar optode: A two-dimensional imaging technique for studying spatial-temporal dynamics of solutes in sediment and soil. **2019**, 197, 102916 21
- 627 Synthesis of novel (R)-4-fluorophenyl-1H-1,2,3-triazoles: A new class of β -glucosidase inhibitors. **2019**, 91, 103182 14
- 626 BODIPY-Labeled Cyclobutanes by Secondary C(sp³)-H Arylations for Live-Cell Imaging. **2019**, 25, 12712-12718 9
- 625 New amide linked dimeric 1,2,3-triazoles bearing aryloxy scaffolds as a potent antiproliferative agents and EGFR tyrosine kinase phosphorylation inhibitors. **2019**, 29, 126618 11
- 624 Graphene-based advanced nanoplatfoms and biocomposites from environmentally friendly and biomimetic approaches. **2019**, 21, 4887-4918 27
- 623 Emission Properties of Diblock Copolymers Composed of Poly(ethylene glycol) and Dense 1,2,3-Triazole Blocks. **2019**, 11, 6
- 622 Efficient synthesis, spectroscopic characterization and DFT based studies of novel 1-amide 4-sulfonamide-1,2,3-triazole derivatives. **2019**, 1197, 164-170 8
- 621 Carbohydrate-functionalized N-heterocyclic carbene Ru(II) complexes: synthesis, characterization and catalytic transfer hydrogenation activity. **2019**, 48, 11838-11847 12
- 620 Synthesis of copper catalysts for click chemistry from distillery wastewater using magnetically recoverable bionanoparticles. **2019**, 21, 4020-4024 10
- 619 Synthesis and anti-gastric cancer activity evaluation of novel triazole nucleobase analogues containing steroidal/coumarin/quinoline moieties. **2019**, 181, 111520 15
- 618 Kinetic analysis of bioorthogonal reaction mechanisms using Raman microscopy. **2019**, 220, 71-85 2

617	Synthesis of arborescent polystyrene by click grafting. 2019 , 57, 1730-1740	2
616	Metal Free Domino Azidation/[3 + 2] Cycloaddition Reaction for the Synthesis of 1,2,3-Triazole-Fused Dihydrobenzoxazinones. 2019 , 84, 10546-10553	5
615	Radical Ring-Closing/Ring-Opening Cascade Polymerization. 2019 , 141, 12493-12497	18
614	Nanoengineering of Mesenchymal Stem Cells via Surface Modification for Efficient Cancer Therapy. 2019 , 2, 1900043	12
613	The growing applications of SuFEx click chemistry. 2019 , 48, 4731-4758	133
612	In vivo cancer targeting via glycopolyester nanoparticle mediated metabolic cell labeling followed by click reaction. 2019 , 218, 119305	22
611	Design, Synthesis, and Biological Evaluation of Novel 2-(4-Arylsubstituted-1H,2,3-triazol-1-yl)-N-{4-[2-(thiazol-2-yl)benzo[d]thiazol-6-yl]phenyl}acetamide Derivatives as Potent Anticancer Agents. 2019 , 89, 1009-1014	11
610	Design and Synthesis of New Aryloxy-linked Dimeric 1,2,3-Triazoles via Click Chemistry Approach: Biological Evaluation and Molecular Docking Study. 2019 , 56, 2144-2162	9
609	Single crystals and nanoparticles of Zn(II) supramolecular compounds via sonochemical method: Synthesis, characterization and structural studies. 2019 , 496, 118995	1
608	Expanding the limits of amide-triazole isosteric substitution in bisamide-based physical gels.. 2019 , 9, 20841-20851	7
607	Organocatalyzed preparation of 1,4,5-trisubstituted-glycosyl-1,2,3-triazole derivatives. 2019 , 36, 439-450	2
606	Duplex-forming Oligonucleotide of Triazole-linked RNA. 2019 , 14, 3380-3385	5
605	Synthesis of novel 1,2,3-triazolyl nucleoside analogues bearing uracil, 6-methyluracil, 3,6-dimethyluracil, thymine, and quinazoline-2,4-dione moieties. 2019 , 60, 151276	10
604	Synthesis of Camphene and Cytisine Conjugates Using Click Chemistry Methodology and Study of Their Antiviral Activity. 2019 , 16, e1900340	8
603	Protein Allostery in Drug Discovery. 2019 ,	5
602	Highly Sensitive Thrombin Detection by Combination of Click Chemistry and Surface-Initiated Polymerization. 2019 , 166, B1387-B1391	2
601	Synthesis and Cytotoxic Activity of New 1,3,4-Thiadiazole Thioglycosides and 1,2,3-Triazolyl-1,3,4-Thiadiazole -glycosides. 2019 , 24,	23
600	A New Associative Diblock Copolymer of Poly(ethylene glycol) and Dense 1,2,3-Triazole Blocks: Self-Association Behavior and Thermoresponsiveness in Water. 2019 , 220, 1900317	5

599	Nanoreactors for Chemical Synthesis and Biomedical Applications. 2019 , 14, 3240-3250	6
598	Iron-Electrocatalyzed C-H Arylations: Mechanistic Insights into Oxidation-Induced Reductive Elimination for Ferraelectrocatalysis. 2019 , 25, 16382-16389	33
597	Bolapolyphiles via Click Reaction: Effect of Flexible Polyaromatic Backbone Involving Polar Hydrogen Bonding Units on Their Self-assembly. 2019 , 4, 10674-10680	3
596	Copper-Catalyzed Asymmetric Propargylation of Indolizines. 2019 , 21, 8553-8557	15
595	Synthesis of Triazole Click Ligands for Suzuki-Miyaura Cross-Coupling of Aryl Chlorides. 2019 , 55, 1416-1422	1
594	Click synthesis of N1-(β -D-ribofuranosyl)-C4-(coumarin-4?-yl)-1,2,3-triazoles. 2019 , 49, 3140-3147	4
593	Triazole Bridged Flavonoid Dimers as Potent, Nontoxic, and Highly Selective Breast Cancer Resistance Protein (BCRP/ABCG2) Inhibitors. 2019 , 62, 8578-8608	16
592	SOF-Mediated Epoxidation of Olefins with Hydrogen Peroxide. 2019 , 84, 11928-11934	3
591	Four-Component Reactions for the Synthesis of Perfluoroalkyl Isoxazoles. 2019 , 9, 9098-9102	20
590	Synthesis of PEGylated Salicylaldehyde Azine via Metal-free Click Chemistry for Cellular Imaging Applications. 2019 , 35, 929-936	1
589	Solvent-free Suzuki and Stille cross-coupling reactions of 4- and 5-halo-1,2,3-triazoles. 2019 , 29, 147-149	18
588	Click chemistry towards thermally reversible photochromic 4,5-bisthiazolyl-1,2,3-triazoles. 2019 , 15, 2161-2169	2
587	Applications of sulfuryl fluoride (SO ₂ F ₂) in chemical transformations. 2019 , 6, 3490-3516	29
586	Iminium-functionalized 1,2,3-triazoles by [3+2] cycloaddition reactions of internal acetylenic iminium triflates with organoazides. 2019 , 74, 585-602	1
585	Antitumor and antiviral activities of 4-substituted 1,2,3-triazolyl-2,3-dibenzyl-L-ascorbic acid derivatives. 2019 , 184, 111739	12
584	Inverse electron demand Diels-Alder reaction as a novel method for functionalization of natural chlorins. 2019 , 29, 206-208	5
583	Recent Advances in Bioorthogonal Click Chemistry for Efficient Synthesis of Radiotracers and Radiopharmaceuticals. 2019 , 24,	28
582	Design, Synthesis, and Anti-Bacterial Evaluation of Triazolyl-Pterostilbene Derivatives. 2019 , 20,	10

- 581 Mn-Catalyzed azidation/oxidation of alkenes. **2019**, 6, 632-636 17
- 580 Click Chemistry-Related Topics. **2019**, 239-245
- 579 The application of click chemistry for targeting quadruplex nucleic acids. **2019**, 55, 731-750 25
- 578 Arylhydrazone ligands as Cu-protectors and -catalysis promoters in the azide-alkyne cycloaddition reaction. **2019**, 48, 1774-1785 18
- 577 Combretastatin A4-camptothecin micelles as combination therapy for effective anticancer activity.. **2019**, 9, 1055-1061 10
- 576 Catalytic Asymmetric Construction of α -Azido Amides and Esters via Haloazidation. **2019**, 21, 1170-1175 23
- 575 Sustainable Construction of Heterocyclic 1,2,3-Triazoles by Strict Click [3+2] Cycloaddition Reactions Between Azides and Alkynes on Copper/Carbon in Water. **2019**, 7, 81 13
- 574 2-Azidoethane-1-sulfonylfluoride (ASF): A Versatile Bis-clickable Reagent for SuFEx and CuAAC Click Reactions. **2019**, 2019, 1763-1769 13
- 573 Landscape of Big Medical Data: A Pragmatic Survey on Prioritized Tasks. **2019**, 7, 15590-15611 0
- 572 Fluorescent triazolyl spirooxazolidines: Synthesis and NMR stereochemical studies. **2019**, 1183, 157-167 4
- 571 Facile synthesis of 1,5-disubstituted 1,2,3-triazoles by the regiospecific alkylation of a ruthenium triazolato complex. **2019**, 48, 2028-2037 8
- 570 Photoinduced decarboxylative azidation of cyclic amino acids. **2019**, 17, 1839-1842 20
- 569 Synthesis of ruthenium triazolato complexes by the [3 + 2] cycloaddition of a ruthenium azido complex with acetylacetylenes. **2019**, 494, 232-238 4
- 568 Recent applications of click chemistry in drug discovery. **2019**, 14, 779-789 70
- 567 Azidation vs [3 + 2]-cycloaddition: Chemoselective reaction of sodium azide towards α -alkynylaldehydes for the synthesis of N-heterocycles. **2019**, 60, 1854-1859 6
- 566 Synthesis of 1,4,5-trisubstituted triazoles by [3+2] cycloaddition of a ruthenium azido complex withynoate esters. **2019**, 896, 146-153 4
- 565 Ultrasound Promoted Fabrication of CuO-Graphene Oxide Nanocomposite for Facile Synthesis of Fluorescent Coumarin Based 1,4-disubstituted 1,2,3-triazoles in Aqueous Media. **2019**, 4, 7015-7026 7
- 564 Facile immobilization of copper(I) acetate on silica: A recyclable and reusable heterogeneous catalyst for azide/alkyne clickable cycloaddition reactions. **2019**, 170, 630-638 4

563	Synthesis and biological evaluation of morpholines linked coumarin-triazole hybrids as anticancer agents. 2019 , 94, 1919-1929	20
562	Influence of the substituent D/A at the 1,2,3-triazole ring on novel terpyridine derivatives: synthesis and properties.. 2019 , 9, 16554-16564	9
561	Nucleoside dimers analogues with a 1,2,3-triazole linkage: conjugation of floxuridine and thymidine provides novel tools for cancer treatment. Part II. 2019 , 38, 807-835	9
560	Bioconjugation in Drug Delivery: Practical Perspectives and Future Perceptions. 2019 , 2000, 125-182	14
559	Design and Synthetic Strategies for Helical Peptides. 2019 , 2001, 107-131	1
558	Click-chemistry approach to synthesis of functionalized isatin-ferrocenes and their biological evaluation against the human pathogen <i>Trichomonas vaginalis</i> . 2019 , 896, 1-4	2
557	Synthesis and screening of bead-displayed combinatorial libraries. 2019 , 622, 91-127	7
556	Synthesis and biological evaluation of glucose conjugated phthalocyanine as a second-generation photosensitizer. 2019 , 27, 3279-3284	6
555	A simple route towards the synthesis of 1,4,5-trisubstituted 1,2,3-triazoles from primary amines and 1,3-dicarbonyl compounds under metal-free conditions. 2019 , 17, 6148-6152	8
554	Non-canonical amino acid labeling in proteomics and biotechnology. 2019 , 13, 43	34
553	The dynamics of forming a triplex in an artificial telomere inferred by DNA mechanics. 2019 , 47, e86	10
552	In situ preparation and characterization of novel CuI-functionalized poly[(methyl methacrylate)-co-maleimide] as an efficient heterogeneous catalyst in the regioselective synthesis of 1,2,3-triazoles via click reaction: Experimental and computational chemistry. 2019 , 33, e4967	11
551	Synthesis of 5-Carboxamidotriazoles via Azide-Alkyne Cycloaddition/Aminocarbonylation Sequence. 2019 , 4, 5527-5530	4
550	Highly efficient structurally characterised novel precatalysts: di- and mononuclear heteroleptic Cu(I) dioxanthate/xanthate-phosphine complexes for azide-alkyne cycloadditions. 2019 , 43, 8939-8949	15
549	Tailored therapeutics based on 1,2,3-1-triazoles: a mini review. 2019 , 10, 1302-1328	25
548	Exploring the Chemistry of Non-sticky Sugars: Synthesis of Polyfluorinated Carbohydrate Analogues of d-Allopyranose. 2019 , 25, 9272-9279	12
547	Bimetal-Catalyzed Cascade Reaction for Efficient Synthesis of N-Isopropenyl 1,2,3-Triazoles via In-Situ Generated 2-Azidopropenes. 2019 , 14, 2149-2154	4
546	Synthesis, molecular docking and DFT studies on biologically active 1,4-disubstituted-1,2,3-triazole-semicarbazone hybrid molecules. 2019 , 43, 8052-8058	24

545	Surface-Controlled Photocatalysis and Chemical Sensing of TiO ₂ , α -Fe ₂ O ₃ , and Cu ₂ O Nanocrystals. 2019 , 9, 163	11
544	Macrocyclic Control in Helix Mimetics. 2019 , 119, 9915-9949	30
543	Silver-catalyzed three-component reaction: synthesis of N ₂ -substituted 1,2,3-triazoles via direct benzylic amination. 2019 , 62, 1001-1006	6
542	Biodegradable nanoparticles exposing a short anti-FLT1 peptide as antiangiogenic platform to complement docetaxel anticancer activity. 2019 , 102, 876-886	11
541	Iridium-Catalyzed C-H Amination/Cyclization for Medium to Large N-Heterocycle-Fused Dihydroquinazolinones. 2019 , 21, 3706-3710	11
540	Silver-mediated three-component cycloaddition reaction for direct synthesis of 1-N-vinyl-substituted 1,2,3-triazoles. 2019 , 17, 4843-4849	3
539	A Biocompatible Heterogeneous MOF-Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. 2019 , 58, 6987-6992	90
538	A Biocompatible Heterogeneous MOF-Cu Catalyst for In Vivo Drug Synthesis in Targeted Subcellular Organelles. 2019 , 131, 7061-7066	28
537	Uniform copper nanoparticles as an inexpensive and efficient catalyst for synthesis of novel α -carbonyl-1, 2, 3-triazoles in water medium. 2019 , 45, 2963-2979	2
536	Protein-Catalyzed Capture Agents. 2019 , 119, 9950-9970	15
535	Synthesis and Biological Evaluation of RGD and isoDGR-Monomethyl Auristatin Conjugates Targeting Integrin α ₅ β ₁ . 2019 , 14, 938-942	14
534	Design and synthesis of fluorescently labeled steroidal antiestrogens. 2019 , 145, 39-46	2
533	Chemical Epigenetics: The Impact of Chemical and Chemical Biology Techniques on Bromodomain Target Validation. 2019 , 58, 17930-17952	20
532	Design and synthesis of cysteine-specific labels for photo-crosslinking studies.. 2019 , 9, 7610-7614	4
531	1,4-Disubstituted 1-1,2,3-Triazole Containing Peptidotriazolamers: A New Class of Peptidomimetics With Interesting Foldamer Properties. 2019 , 7, 155	14
530	Microwave-Assisted Synthesis of Novel Spiro Phosphonyl Thiazolo Pyrazole Glycosides as Potential Nematicidal Agents. 2019 , 56, 1291-1295	
529	Surface plasmon resonances enhanced click chemistry through synergistic photothermal and hot electron effects. 2019 , 55, 4813-4816	12
528	Bio-based Catalysts from Biomass Issued after Decontamination of Effluents Rich in Copper: An Innovative Approach towards Greener Copper-based Catalysis. 2019 , 9, 214	11

- 527 Supramolecular nanocatalyst in water: successive click-driven assembly of click-derived rod amphiphiles. **2019**, 3, 916-921
- 526 Multifunctional Scaffolds for Assembling Cancer-Targeting Immune Stimulators Using Chemoselective Ligations. **2019**, 7, 113 3
- 525 Nonviral Gene Therapy: Design and Application of Inorganic Nanoplexes. **2019**, 365-390 1
- 524 Real-Time Monitoring of Pharmacokinetics of Antibiotics in Biofilms with Raman-Tagged Hyperspectral Stimulated Raman Scattering Microscopy. **2019**, 9, 1348-1357 24
- 523 Chemische Epigenetik: der Einfluss chemischer und chemo-biologischer Techniken auf die Zielstruktur-Validierung von Bromodomänen. **2019**, 131, 18096-18120 1
- 522 Graphene-Based Hybrid Nanomaterials for Biomedical Applications. **2019**, 119-141 6
- 521 The Asymmetric A α (Aldehyde?Alkyne?Amine) Coupling: Highly Enantioselective Access to Propargylamines. **2019**, 24, 15
- 520 Site-Selective Synthesis of Insulin Azides and Bioconjugates. **2019**, 30, 1127-1132 3
- 519 Chemical Waltz of Organic Molecules "On Water": Saline-Assisted Sustainable Regioselective Synthesis of Fluorogenic Heterobioconjugates via Click Reaction. **2019**, 4, 3582-3592 12
- 518 Structural Distortion of Cycloalkynes Influences Cycloaddition Rates both by Strain and Interaction Energies. **2019**, 25, 6342-6348 34
- 517 Transition-metal-free regioselective construction of 1,5-diaryl-1,2,3-triazoles through dehydrative cycloaddition of alcohols with aryl azides mediated by SOF. **2019**, 55, 2845-2848 29
- 516 Catalyst-free cycloaddition of 1,3-diene-1-carbamates with azodicarboxylates: A rapid click reaction. **2019**, 27, 2438-2443 4
- 515 Design and Synthesis of Triazole-Phthalimide Hybrids with Anti-inflammatory Activity. **2019**, 67, 96-105 11
- 514 In vitro and histological investigation of antitumor effect of some triazole compounds in colon cancer cell line. **2019**, 120, 11809 4
- 513 Sequential Cu-Catalyzed Four- and Five-Component Syntheses of Luminescent 3-Triazolylquinoxalines. **2019**, 25, 9447-9455 11
- 512 1,2,3-Triazole derivatives of 3-ferrocenylidene-2-oxindole: Synthesis, characterization, electrochemical and antimicrobial evaluation. **2019**, 33, e4817 7
- 511 Synthesis of Cytospolide Analogues and Late-State Diversification Thereof. **2019**, 84, 3132-3147 4
- 510 Azide-alkyne click reactions to prepare chemically modified amorphous carbon electrodes. **2019**, 480, 1109-1115 6

509	PEG-Mediated Green One Pot Synthesis by Using Click Chemistry. 2019 ,	
508	Synthesis, antibacterial activity and molecular docking study of vanillin derived 1,4-disubstituted 1,2,3-triazoles as inhibitors of bacterial DNA synthesis. 2019 , 5, e02812	9
507	Triazol: a privileged scaffold for proteolysis targeting chimeras. 2019 , 11, 2919-2973	19
506	Towards microbe-targeted photosensitizers: Synthesis, characterization and in vitro photodynamic inactivation of the tuberculosis model pathogen <i>M. smegmatis</i> by porphyrin-peptide conjugates. 2019 , 23, 1414-1439	5
505	Synthesis of new triazole linked carbohybrids with ROS-mediated toxicity in breast cancer. 2019 , 43, 18590-18600	6
504	A facile method for the synthesis of dihydroquinoline-azide from the Lewis acid-catalyzed reaction of alkylidenecyclopropanes with TMSN. 2019 , 17, 9990-9993	3
503	Click Synthesis of cobalt bis(dicarbollide) cholesterol conjugates. 2019 , 29, 628-630	13
502	A Dual Wavelength Polymerization and Bioconjugation Strategy for High Throughput Synthesis of Multivalent Ligands. 2019 , 141, 19823-19830	10
501	Site-Specific In-Radiolabeling of Dual-PEGylated Porous Silicon Nanoparticles and Their In Vivo Evaluation in Murine 4T1 Breast Cancer Model. 2019 , 11,	4
500	Self-triggered click reaction in an Alzheimer's disease model: bifunctional drug synthesis catalyzed by neurotoxic copper accumulated in amyloid- β plaques. 2019 , 10, 10343-10350	19
499	Synthesis, crystal structure analysis, spectral investigations (NMR, FT-IR, UV), DFT calculations, ADMET studies, molecular docking and anticancer activity of 2-(1-benzyl-5-methyl-1H-1,2,3-triazol-4-yl)-4-(2-chlorophenyl)-6-methoxypyridine: A novel potent human topoisomerase II α inhibitor. 2019 , 1176, 729-742	30
498	Disclosure of Some Obscure Mechanistic Aspects of the Copper-Catalyzed Click Reactions Involving N2 Elimination Promoted by the Use of Electron-Deficient Azides from a DFT Perspective. 2019 , 38, 256-267	8
497	Design and development of Isatin-triazole hydrazones as potential inhibitors of microtubule affinity-regulating kinase 4 for the therapeutic management of cell proliferation and metastasis. 2019 , 163, 840-852	41
496	Interfacial Thermoreversible Chemistry on Functional Coatings: A Focus on the Diels-Alder Reaction. 2019 , 29, 1806765	19
495	Synthesis and biological evaluation of 1H-pyrrolo[2,3-d]pyrimidine-1,2,3-triazole derivatives as novel anti-tubercular agents. 2019 , 29, 284-290	26
494	ZINClick v.18: Expanding Chemical Space of 1,2,3-Triazoles. 2019 , 59, 1697-1702	4
493	Rhodium(I)-Catalyzed Regioselective Azide-internal Alkynyl Trifluoromethyl Sulfide Cycloaddition and Azide-internal Thioalkyne Cycloaddition under Mild Conditions. 2019 , 361, 469-475	24
492	Highly Sensitive and Selective Molecular Probes for Chromo-Fluorogenic Sensing of Carbon Monoxide in Air, Aqueous Solution and Cells. 2019 , 25, 2069-2081	26

491	Synthesis of 8-hydroxyquinoline glycoconjugates and preliminary assay of their β ,4-GalT inhibitory and anti-cancer properties. 2019 , 84, 326-338	24
490	Reversal of Tabun Toxicity Enabled by a Triazole-Annulated Oxime Library-Reactivators of Acetylcholinesterase. 2019 , 25, 4100-4114	18
489	Click chemistry as a versatile reaction for construction and modification of metal-organic frameworks. 2019 , 380, 484-518	56
488	Computational study of new 1,2,3-triazole derivative of lithocholic acid: Structural aspects, non-linear optical properties and molecular docking studies as potential PTP 1B enzyme inhibitor. 2019 , 78, 144-152	4
487	Evaluation of 1,2,3-Triazoles as Amide Bioisosteres In Cystic Fibrosis Transmembrane Conductance Regulator Modulators VX-770 and VX-809. 2019 , 25, 3662-3674	9
486	Catalytic activity of new heteroleptic [Cu(PPh ₃) ₂ (β -oxodithioester)] complexes: click derived triazolyl glycoconjugates. 2019 , 43, 1166-1176	12
485	Novel PIKK inhibitor antibody-drug conjugates: Synthesis and anti-tumor activity. 2019 , 29, 943-947	4
484	Novel glucopyranoside C2-derived 1,2,3-triazoles displaying selective inhibition of O-GlcNAcase (OGA). 2019 , 471, 43-55	5
483	Synthesis and Biological Evaluation of New Ibuprofen-1,3,4-oxadiazole-1,2,3-triazole Hybrids. 2019 , 56, 296-305	12
482	One-pot facile synthesis of novel 1,2,3-triazole-appended β -aminophosphonates. 2019 , 16, 953-961	6
481	Copper-catalyzed decarboxylation/cycloaddition cascade of alkynyl carboxylic acids with azide. 2019 , 75, 253-259	10
480	Discovery and Characterization of Two Classes of Selective Inhibitors of the Suppressor of the TCR Signaling Family of Proteins. 2019 , 5, 250-259	2
479	Synthesis of carboxylated derivatives of poly(isobutylene-co-isoprene) by azide-alkyne click chemistry. 2019 , 51, 327-335	1
478	Click chemistry inspired facile synthesis and bioevaluation of novel triazolyl analogs of D-(+)-pinitol. 2019 , 12, 3479-3489	5
477	Ruthenium-Birhodanine complex supported over fibrousphosphosilicate for photocatalytic CO ₂ reduction to formate. 2020 , 340, 197-203	4
476	Insights into the current status of privileged N-heterocycles as antileishmanial agents. 2020 , 24, 525-569	16
475	The CuAAC: Principles, Homogeneous and Heterogeneous Catalysts, and Novel Developments and Applications. 2020 , 41, e1900359	80
474	Synthesis and anti-H5N1 virus activity of triazole- and oxadiazole-pyrimidine hybrids and their nucleoside analogs. 2020 , 39, 649-670	5

- 473 Sonochemical Decoration of Graphene Oxide with Magnetic Fe₃O₄@CuO Nanocomposite for Efficient Click Synthesis of Coumarin-Sugar Based Bioconjugates and Their Cytotoxic Activity. **2020**, 150, 1142-1154 12
- 472 Reliability of Click Chemistry on Drug Discovery: A Personal Account. **2020**, 20, 253-272 14
- 471 Synthesis and bioevaluation of β,β -bis(1H-1,2,3-triazol-5-ylmethylene) ketones. **2020**, 74, 809-820 3
- 470 Metal-Free Synthesis of Functional 1-Substituted-1,2,3-Triazoles from Ethenesulfonyl Fluoride and Organic Azides. **2020**, 59, 1181-1186 33
- 469 Dendrimers as novel drug-delivery system and its applications. **2020**, 333-392 10
- 468 Cellular localization of cytochrome bd in cyanobacteria using genetic code expansion. **2020**, 117, 523-530 3
- 467 New functionalization of graphene oxide with N₂O₂ ligand for efficient loading of Cu nanostructures as a heterogeneous nanocatalyst for the synthesis of β -hydroxy-1,2,3-triazoles. **2020**, 34, e5426 4
- 466 A Cu(II)-Inorganic CoCrystal as a Versatile Catalyst Towards Click Chemistry for Synthesis of 1,2,3-triazoles and β -hydroxy-1,2,3-triazoles. **2020**, 5, 75-82 16
- 465 Copper-catalyzed enantioselective arylalkynylation of alkenes. **2020**, 11, 1623-1628 16
- 464 Reactive Precursor Particles as Synthetic Platform for the Generation of Functional Nanoparticles, Nanogels, and Microgels. **2020**, 7, 1901676 14
- 463 Metal-Free Synthesis of Functional 1-Substituted-1,2,3-Triazoles from Ethenesulfonyl Fluoride and Organic Azides. **2020**, 132, 1197-1202 16
- 462 Cu(II), Ir(I) and CuO nanocatalyzed mild synthesis of luminescent symmetrical and unsymmetrical bis(triazolylmethyl)quinoxalines: biocompatibility, cytotoxicity, live cell imaging and biomolecular interaction. **2020**, 44, 920-931 4
- 461 Self-assembled star-shaped aza-BODIPY mesogen affords white-light emission. **2020**, 44, 102-109 8
- 460 Synthesis of poly(2-ethyl-2-oxazoline)-b-poly(ϵ -caprolactone) conjugates by a new modular strategy. **2020**, 77, 5647-5662 4
- 459 Synthesis and biological evaluation of some novel 1,2,3-triazole hybrids of myrrhanone B isolated from Commiphora mukul gum resin: Identification of potent antiproliferative leads active against prostate cancer cells (PC-3). **2020**, 188, 111974 14
- 458 Theoretical kinetic and thermodynamic studies of the strain energies and ring size effects of the 1,3-dipolar cycloaddition reactions on ethinamate medicine analogs. **2020**, 1204, 127544 3
- 457 Synthesis of 2-Substituted 1,2,3-Triazoles via an Intramolecular N-N Bond Formation. **2020**, 2020, 548-551 11
- 456 Real-Time Monitoring of Pharmacokinetics of Mitochondria-Targeting Molecules in Live Cells with Bioorthogonal Hyperspectral Stimulated Raman Scattering Microscopy. **2020**, 92, 740-748 14

455	Enantioselective synthesis of β -chiral tertiary phosphine oxides with an ethynyl group Cu(I)-catalyzed azide-alkyne cycloaddition. 2020 , 11, 97-106	25
454	Synthesis, bioevaluation and molecular docking study of new piperazine and amide linked dimeric 1,2,3-triazoles. 2020 , 50, 271-288	9
453	Synthesis, Cytotoxicity and Antimicrobial Evaluation of New Coumarin-Tagged β -Lactam Triazole Hybrid. 2020 , 17, e1900462	11
452	Regioselective Synthesis of Halotriazoles and their Utility in Metal Catalyzed Coupling Reactions. 2020 , 2020, 6870-6886	4
451	New maleimide 1,2,3-triazole hybrids: design, synthesis, anticancer, and antimicrobial activities. 2020 , 151, 1609-1619	2
450	1,4-Disubstituted-1,2,3-Triazole Compounds Induce Ultrastructural Alterations in Promastigote: An In Vitro Antileishmanial and In Silico Pharmacokinetic Study. 2020 , 21,	11
449	Click inspired synthesis of p-tert-butyl calix[4]arene tethered benzotriazolyl dendrimers and their evaluation as anti-bacterial and anti-biofilm agents. 2020 , 44, 19300-19313	8
448	A bile acid-based pyridino-triazole ligand for Cu(I)-stabilization and its application in Cu(I) catalyzed click reactions. 2020 , 61, 152509	1
447	DNA-Encoded Chemistry: Drug Discovery from a Few Good Reactions. 2021 , 121, 7155-7177	42
446	Preparation, hydrogen bonding and properties of polyurethane elastomers with 1,2,3-triazole units by click chemistry. 2020 , 60, 3270-3280	3
445	Synthesis and biological evaluation of semi-synthetic albocycline analogs. 2020 , 30, 127509	3
444	Synthesis of Bioactive Complex Small Molecule-Ciprofloxacin Conjugates and Evaluation of Their Antibacterial Activity. 2020 , 22, 440-445	2
443	A Bioorthogonal Small Molecule Selective Polymeric "Clickase". 2020 , 142, 13966-13973	12
442	Application of Chemoselective Ligation in Biosensing. 2020 , 1-24	3
441	HaloTag-Targeted Sirtuin-Rearranging Ligand (SirReal) for the Development of Proteolysis-Targeting Chimeras (PROTACs) against the Lysine Deacetylase Sirtuin 2 (Sirt2)*. 2020 , 21, 3371-3376	5
440	Biom mineralization of CuS Nanoparticles by Geobacter sulfurreducens. 2020 , 86,	6
439	Utilization of click chemistry to study the effect of poly(ethylene)glycol molecular weight on the self-assembly of PEGylated gambogic acid nanoparticles for the treatment of rheumatoid arthritis. 2020 , 8, 4626-4637	4
438	Cu-Catalyzed Click Reactions. 2020 , 177-207	1

- 437 Alkyne-Monofunctionalized Gold Nanoparticles as Massive Molecular Building Blocks. **2020**, 2020, 2325-2334 2
- 436 The Dimroth rearrangement of 5-amino-1-aryl-1,2,3-triazole-4-carbothioamides. **2020**, 56, 1335-1340 2
- 435 Tetrazole Ring Substitution at Carbon and Boron Sites of the Cobalt Bis(dicarbollide) Ion Available via Dipolar Cycloadditions. **2020**, 59, 17430-17442 4
- 434 Gold-like Thiolate-Protected Ultrasmall Cubic Copper Nanocluster-Based Metal-Organic Framework as a Selective Catalyst for Stepwise Synthesis of Unsymmetric Bistriazole by Click Reaction. **2020**, 12, 56004-56016 4
- 433 O-Isocyanates as Uncharged 1,3-Dipole Equivalents in [3+2] Cycloadditions. **2020**, 132, 23388-23397 0
- 432 New N-phenylacetamide-linked 1,2,3-triazole-tethered coumarin conjugates: Synthesis, bioevaluation, and molecular docking study. **2020**, 353, e2000164 4
- 431 Mechanistic study in azide-alkyne cycloaddition (CuAAC) catalyzed by bifunctional trinuclear copper(I) pyrazolate complex: Shift in rate-determining step. **2020**, 390, 37-45 10
- 430 General Synthesis of Tri-Carbo-Substituted -Aryl-1,2,3-triazoles Cu-Catalyzed Annulation of Azirines with Aryldiazonium Salts. **2020**, 85, 10872-10883 12
- 429 Synthesis and Antitubercular Activity of 4,5-Disubstituted N1-(5?-deoxythymidin-5?-yl)-1,2,3-triazoles. **2020**, 5, 8839-8845 3
- 428 O-Isocyanates as Uncharged 1,3-Dipole Equivalents in [3+2] Cycloadditions. **2020**, 59, 23188-23197 5
- 427 Synthesis and evaluation of in vitro cytotoxic effects of triazol/spiroindolinequinazolinedione, triazol/indolin-3-thiosemicarbazone and triazol/thiazol-indolin-2-one conjugates. **2020**, 28, 591-601 2
- 426 Chemoinformatics-based enumeration of chemical libraries: a tutorial. **2020**, 12, 64 13
- 425 SO₂F₂-mediated deoxygenative C2-sulfonylation of quinoline N-oxides with sodium sulfinates. **2020**, 61, 152586 3
- 424 Cu-Al mixed oxide-catalysed multi-component synthesis of gluco- and allofuranose-linked 1,2,3-triazole derivatives. **2020**, 7, 200290 3
- 423 Physical and Functional Analysis of the Putative Rpn13 Inhibitor RA190. **2020**, 27, 1371-1382.e6 5
- 422 Direct Conversion of -Alkylamines to -Propargylamines through C-H Activation Promoted by Lewis Acid/Organocopper Catalysis: Application to Late-Stage Functionalization of Bioactive Molecules. **2020**, 142, 16493-16505 22
- 421 Design and synthesis of substituted (1-(benzyl)-1-1,2,3-triazol-4-yl)(piperazin-1-yl)methanone conjugates: study on their apoptosis inducing ability and tubulin polymerization inhibition. **2020**, 11, 1295-1302 0
- 420 Anion-cation synergistic metal-free catalytic oxidative homocoupling of benzylamines by triazolium iodide salts. **2020**, 18, 7379-7387 1

419	Synthesis and Evaluation of Biphenyl-1,2,3-Triazol-Benzonitrile Derivatives as PD-1/PD-L1 Inhibitors. 2020 , 5, 21181-21190	3
418	Copper nanoparticles on controlled pore glass (CPG) as highly efficient heterogeneous catalysts for "click reactions". 2020 , 10, 20547	3
417	Multifaceted Functions of Platelets in Cancer: From Tumorigenesis to Liquid Biopsy Tool and Drug Delivery System. 2020 , 21,	11
416	A click-based modular approach to introduction of peroxides onto molecules and nanostructures.. 2020 , 10, 44408-44429	1
415	Bioinspired Confinement of Upconversion Nanoparticles for Improved Performance in Aqueous Solution. 2020 , 124, 28623-28635	4
414	Copper(I) complexes bearing mesoionic carbene ligands: influencing the activity in catalytic halo-click reactions. 2020 , 49, 15504-15510	4
413	Fast and efficient preparation of three-arm star block copolymers via tetrazine ligation. 2020 , 140, 110027	2
412	Magnetic silica nanoparticle-supported copper complex as an efficient catalyst for the synthesis of novel triazolopyrazinylacetamides with improved antibacterial activity. 2020 , 56, 488-494	6
411	Synthesis and Characterization of 1,2,3-Triazole Containing Fe(II) Sensor. 2020 , 32, 1033-1038	1
410	Ligand-assisted click reaction for the synthesis of new hybrid compounds based on 1,2,3-triazoles and 5,5-diphenylimidazolidine-2,4-dione and evaluation of their antibacterial activities. 2020 , 151, 935-943	2
409	An efficient and regiospecific synthesis of 1,5-diaryl-4-benzothiazolyl-1,2,3-triazoles by organocatalytic 1,3-dipolar cycloaddition reactions. 2020 , 50, 1863-1870	0
408	Flexibility and Preorganization of Fluorescent Nucleobase-Pyrene Conjugates Control DNA and RNA Recognition. 2020 , 25,	3
407	Triazole Appended Phosphines: Synthesis, Palladium Complexes, and Catalytic Studies. 2020 , 2020, 2392-2402	6
406	Alkyne Functionalization of a Photoactivated Ruthenium Polypyridyl Complex for Click-Enabled Serum Albumin Interaction Studies. 2020 , 59, 7710-7720	8
405	Hybrid molecules based on fullerene C60 and 5Z,9Z-dienoic acids: Synthesis and cytotoxic activity. 2020 , 30, 127289	2
404	Protein Aggregation Nucleated by Functionalized Dendritic Polyglycerols.. 2020 , 11, 3849-3862	4
403	Selective protein N-terminal labeling with N-hydroxysuccinimide esters. 2020 , 639, 333-353	5
402	Pharmacoinformatics and molecular dynamics simulation studies reveal potential covalent and FDA-approved inhibitors of SARS-CoV-2 main protease 3CL. 2021 , 39, 4936-4948	71

401	1,4-Disubstituted 1-1,2,3-Triazoles for Renal Diseases: Studies of Viability, Anti-Inflammatory, and Antioxidant Activities. 2020 , 21,	10
400	Synthesis, Antimicrobial Activity, Molecular Docking and DFT Study: Aryl-Carbamic Acid 1-Benzyl-1H-[1,2,3]Triazol-4-ylmethyl Esters. 2020 , 5, 6723-6729	10
399	Direct synthesis of heterocycles via MCRs, using a name reaction. 2020 , 15-138	
398	Solid-phase synthesis of DNA-encoded libraries via an "aldehyde explosion" strategy. 2020 , 56, 4656-4659	18
397	Synthesis and Biological Evaluation of Hapten-Clicked Analogues of The Antigenic Peptide Melan-A/MART-1. 2020 , 15, 799-807	2
396	Polythioethers with Controlled α,ω End Groups Prepared by Visible Light Induced Thiol-Ene Click Polymerization of Dithiol and Divinyl Ether with 4-(N,N-diphenylamino)benzaldehyde as Organocatalyst. 2020 , 221, 1900557	2
395	Principles and applications of small molecule peptidomimetics. 2020 , 163-195	2
394	A fast and dual crosslinking hydrogel based on vinyl ether sodium alginate. 2020 , 515, 145811	10
393	Solvent Effects on Thiol-Ene Kinetics and Reactivity of Carbon and Sulfur Radicals. 2020 , 124, 2580-2590	12
392	Chiral Fused 1,2,3-Triazoles: A Synthetic Overview. 2020 , 9, 721-748	7
391	On the scope of SuFEx as a bioorthogonal click process. 2020 , 44, 4678-4680	6
390	Late-stage C(sp)-H and C(sp)-H glycosylation of -aryl/alkyl glycopeptides: mechanistic insights and fluorescence labeling. 2020 , 11, 6521-6526	29
389	Wafer-level fabrication of 3D nanoparticles assembled nanopillars and click chemistry modification for sensitive SERS detection of trace carbonyl compounds. 2020 , 31, 265301	3
388	Protein modification by thiolactone homocysteine chemistry: a multifunctionalized human serum albumin theranostic. 2020 , 11, 1314-1325	2
387	Spectral deep learning for prediction and prospective validation of functional groups. 2020 , 11, 4618-4630	21
386	Synthesis and Biological Evaluation of Novel Phosphonyl Thiazolo Pyrazoles. 2020 ,	1
385	Click and combinatorial approaches to quadruplex ligand discovery. 2020 , 54, 287-324	3
384	Synthesis and spectral properties of 6?-triazolyl-dihydroxanthene-hemicyanine fused near-infrared dyes. 2020 , 44, 12208-12215	3

383	Multicomponent click reactions catalysed by copper(I) oxide nanoparticles (Cu ₂ ONPs) derived using <i>Oryza sativa</i> . 2020 , 132, 1	4
382	Amides as bioisosteres of triazole-based geranylgeranyl diphosphate synthase inhibitors. 2020 , 28, 115604	2
381	Rescue of mutant gonadotropin-releasing hormone receptor function independent of cognate receptor activity. 2020 , 10, 10579	1
380	Aggregation and Crosslinking of Poly(N,N-dimethylacrylamide)-b-pullulan Double Hydrophilic Block Copolymers. 2020 , 221, 2000053	5
379	Acetylene Group, Friend or Foe in Medicinal Chemistry. 2020 , 63, 5625-5663	43
378	Construction of sequence-defined polytriazoles by IrAAC and CuAAC reactions. 2020 , 56, 3955-3958	14
377	A brief minireview of poly-triazole: Alkyne and azide substrate selective, metal-catalyst expansion. 2020 , 152, 104531	9
376	Mn-catalyzed radical initiated domino transformation of alkynylated cyclohexadienones with TMSN and O to bicyclic azido alcohols. 2020 , 56, 3453-3456	5
375	A Biomimetic Drug Delivery System Targeting Tumor Hypoxia in Triple-Negative Breast Cancers. 2020 , 10, 1075	3
374	Synthesis of novel dimeric compounds containing triazole using click method and their selective antiproliferative and proapoptotic potential via mitochondrial apoptosis signaling. 2020 , 29, 643-655	2
373	Chan-Lam-type Azidation and One-Pot CuAAC under CuI-Zeolite Catalysis. 2020 , 12, 2060-2065	6
372	Copper-Catalyzed Decarboxylative Cycloaddition of Propiolic Acids, Azides, and Arylboronic Acids: Construction of Fully Substituted 1,2,3-Triazoles. 2020 , 85, 3576-3586	11
371	Enantioselective Cu(I)-Catalyzed Cycloaddition of Prochiral Diazides with Terminal or 1-Iodoalkynes. 2020 , 22, 1270-1274	14
370	A comparative study between Cu(INA)-MOF and [Cu(INA)(HO)] complex for a click reaction and the Biginelli reaction under solvent-free conditions.. 2020 , 10, 3407-3415	11
369	Facile, High-Yielding Synthesis of 4-Functionalised 1,2,3-Triazoles via Amino- and Aryloxyacylation. 2020 , 5, 448-451	2
368	Chemically Triggered Synthesis, Remodeling, and Degradation of Soft Materials. 2020 , 142, 3913-3922	16
367	A decade of advances in the reaction of nitrogen sources and alkynes for the synthesis of triazoles. 2020 , 409, 213217	25
366	Predicting the Feasibility of Copper(I)-Catalyzed Alkyne-Azide Cycloaddition Reactions Using a Recurrent Neural Network with a Self-Attention Mechanism. 2020 , 60, 1165-1174	6

365	Co(II) and Fe(II) triazole-appended 4,10-diaza-15-crown-5-ether Macrocyclic complexes for CEST MRI applications. 2020 , 509, 119649	3
364	The Staudinger Ligation. 2020 , 120, 4301-4354	67
363	Click Synthesis of 1,2,3-Triazoles-Linked 1,2,4-Triazino[5,6-b]indole, Antibacterial Activities and Molecular Docking Studies. 2020 , 5, 4091-4098	8
362	Gold catalyzed cascade reaction of 2-Alkynyl arylazides with 1,2,3-Triazoles to provide N- and N-Indol-3-yl 1,2,3-Triazole derivatives. 2020 , 61, 151851	1
361	Computation-Guided Development of the "Click" -Quinone Methide Cycloaddition with Improved Kinetics. 2020 , 22, 2920-2924	2
360	Nanoparticles Based on Novel Carbohydrate-Functionalized Polymers. 2020 , 25,	1
359	Galactose-derived poly(amide-triazole)s. Degradation, deprotection and derivatization studies. 2020 , 130, 109653	2
358	A facile strategy to construct fluorescent pH-sensitive drug delivery vehicle. 2020 , 197, 122496	3
357	A systematic review on silica-, carbon-, and magnetic materials-supported copper species as efficient heterogeneous nanocatalysts in "click" reactions. 2020 , 16, 551-586	22
356	One-pot reactions of three-membered rings giving N,O,S-heterocycles. 2021 , 159-223	1
355	Expeditious and scalable preparation of a lithium reagent for amine-based bioconjugation. 2021 , 32, 700-702	0
354	Theoretical insights into the synthesis reaction mechanism of 1,2,3-triazole based on sakai reaction. 2021 , 77, 131737	7
353	Identification of Compounds That Promote Readthrough of Premature Termination Codons in the CFTR. 2021 , 26, 205-215	1
352	Copper-incorporated porous organic polymer as efficient and recyclable catalyst for azide-alkyne cycloaddition. 2021 , 310, 110671	9
351	Azide-alkyne cycloadditions in a vortex fluidic device: enhanced "on water" effects and catalysis in flow. 2021 , 57, 659-662	4
350	Recent accomplishments on the synthetic/biological facets of pharmacologically active 1H-1,2,3-triazoles. 2021 , 212, 113069	23
349	Introducing a new generation of anion conducting membrane using swelling induced fabrication of covalent methanol barrier layer. 2021 , 620, 118840	2
348	Synthesis of (4S)-4-C-spiro-glycosyl-chromeno-[3,4-d][1,2,3]triazoles: Biological evaluation and molecular docking investigation. 2021 , 58, 111-126	4

- 347 Understanding the regioselectivity of the copper(I)- and ruthenium(II)- catalyzed [3 + 2] cycloadditions of azido derivative of ribose with terminal alkyne: a theoretical study. **2021**, 140, 1
- 346 Designing a new basic ionic liquid [DHIM][OH] as a task specific bifunctional catalyst for facile microwave assisted metal free synthesis of 5-amino-1,2,3-triazoles. **2021**, 45, 12792-12797 3
- 345 A CuAAC Based Click Chemistry Approach for Synthesis of Quinoxaline-1,2,3-Triazole Hybrid Molecular Library and Its Antimicrobial Evaluation. **2021**, 6, 235-242
- 344 Novel 1-Triazolylpyranopyrazoles as Highly Potent Anticancer Agents Obtained via MW-Assisted Synthesis. **2021**, 6, 589-594 1
- 343 Recent advances in surface modification of biopolymeric nanofibrous scaffolds. 1-20 1
- 342 A green metal-free "one-pot" microwave assisted synthesis of 1,4-dihydrochromene triazoles.. **2021**, 11, 10336-10339 5
- 341 Mechanistic understanding of the Cu(I)-catalyzed domino reaction constructing 1-aryl-1,2,3-triazole from electron-rich aryl bromide, alkyne, and sodium azide: a DFT study. **2021**, 11, 3208-3216 2
- 340 Organic molecular sieve membranes for chemical separations. **2021**, 50, 5468-5516 55
- 339 SOMOphilic alkynylation using acetylenic sulfones as functional reagents. **2021**, 8, 5145-5164 5
- 338 Synthesis, Characterization and Biological Evaluation of Some Novel Substitute N-(4-(3-Oxomorpholino)phenyl)-2-(4-((phenylamino)methyl)-1H-1,2,3-triazol-1-yl)-acetamide via Click Chemistry Approach. **2021**, 6, 107-110
- 337 A copper-catalyzed synthesis of aryloxy-tethered symmetrical 1,2,3-triazoles as potential antifungal agents targeting 14 β -demethylase. **2021**, 45, 13104-13118 2
- 336 β -Glucosidase and β -amylase inhibition, molecular modeling and pharmacokinetic studies of new quinazolinone-1,2,3-triazole-acetamide derivatives. **2021**, 30, 702-711 3
- 335 Two Facile General Methods for the Conjugation of Three Different Molecules. **2021**, 42, 333-341 1
- 334 Triazole, imidazole, and thiazole-based compounds as potential agents against coronavirus. **2021**, 3, 100132 11
- 333 Visible-light-promoted three-component cycloaddition reaction: synthesis of 4-functionalized 1,5-disubstituted 1,2,3-triazoles. 0
- 332 Insight into the Mechanism of the CuAAC Reaction by Capturing the Crucial AuCu- β Alkyne Intermediate. **2021**, 143, 1768-1772 10
- 331 Bioactive 1,2,3-Triazoles: An Account on their Synthesis, Structural Diversity and Biological Applications. **2021**, 21, 2782-2807 8
- 330 Copper-catalyzed one-pot synthesis of amide linked 1,2,3-triazoles bearing aryloxy skeletons. **2021**, 65, 152765 2

329	Synthesis of biologically important 4-Phenyl-C-glycosyl-1,2,3-triazole derivatives by Cu(I)-catalyzed azide-alkyne cycloaddition. 2021 , 68, 1156	0
328	Sunlight-Assisted Photocatalytic Sustainable Synthesis of 1,4-Disubstituted 1,2,3-Triazoles and Benzimidazoles Using TiO ₂ /Cu ₂ (OH)PO ₄ Under Solvent-Free Condition. 2021 , 6, 1210-1215	2
327	Homoselective synthesis of 5-substituted 1H-tetrazoles and one-pot synthesis of 2,4,5-trisubstituted imidazole compounds using BNPs@SiO ₂ -TPPTSA as a stable and new reusable nanocatalyst. 2021 , 35, e6144	0
326	Sweet tailoring of glyco-modulatory extracellular matrix-inspired biomaterials to target neuroinflammation. 2021 , 2, 100321	4
325	Synthesis and Operating Optimization of the PEG Conjugate via CuAAC in scCO. 2021 , 6, 6163-6171	2
324	Mg alloy surface immobilised with caerin peptides acquires enhanced antibacterial ability and putatively improved corrosion resistance. 2021 , 121, 111819	2
323	Ionogels Obtained by Thiol-ene Photopolymerization-Physicochemical Characterization and Application in Electrochemical Capacitors. 2021 , 26,	3
322	Fluorinated Triazole Foldamers: Folded or Extended Conformational Preferences. 2021 , 86, 241-251	1
321	Toward unsymmetrical 2,6-bistriazolylpurine nucleosides. 2021 , 57, 292-297	1
320	Robust and Versatile Cu(I) metal frameworks as potential catalysts for azide-alkyne cycloaddition reactions: Review. 2021 , 504, 111432	12
319	Synthesis of Pharmacological Relevant 1,2,3-Triazole and Its Analogues-A Review. 2021 , 18, 101-124	8
318	Click synthesis of 1,2,3-triazole based imidazoles: Antitubercular evaluation, molecular docking and HSA binding studies. 2021 , 36, 127810	17
317	Response surface design of a thiol-ene polymer sealant to model adhesive strength. 1-11	1
316	Targeting de novo lipogenesis and the Lands cycle induces ferroptosis in KRAS-mutant lung cancer.	2
315	Green Approaches for Sustainable Development of Liquid Separation Membrane. 2021 , 11,	4
314	Synthesis and studies of thiazolidinedione-isatin hybrids as β -glucosidase inhibitors for management of diabetes. 2021 , 13, 457-485	4
313	Synthesis of Nanogels: Current Trends and Future Outlook. 2021 , 7,	16
312	Simple, Stepwise and Alternative Syntheses of Indolyl Triazoles via Huisgen, 1, 3-dipolar Cycloaddition Reaction. 2021 , 18, 187-194	0

- 311 Synthesis and Characterization of Novel Phenoxy-Substituted Eneidyne-Triazole Conjugates Using Click Chemistry. **2021**, 18, 195-202
- 310 Insights of 8-hydroxyquinolines: A novel target in medicinal chemistry. **2021**, 108, 104633 23
- 309 Regulation of Dynamic Protein S-Acylation. **2021**, 8, 656440 4
- 308 Ultrasound-assisted catalyst free synthesis of 1,4-/1,5-disubstituted-1,2,3-triazoles in aqueous medium. **2021**, 19, 100358 7
- 307 The Effect of a New Glucose-Methotrexate Conjugate on Acute Lymphoblastic Leukemia and Non-Hodgkin's Lymphoma Cell Lines. **2021**, 26, 1
- 306 Synthesis, in-vitro evaluation, molecular docking, and kinetic studies of pyridazine-triazole hybrid system as novel β -glucosidase inhibitors. **2021**, 109, 104670 4
- 305 Carbon dioxide sorption and melting behaviour of mPEG-alkyne. **2021**, 171, 105182 2
- 304 Progress in the Synthesis of Fused 1,2,3-Triazoles. **2021**, 6, 4889-4947 2
- 303 Synthesis and Configurational Assignment of Vinyl Sulfoximines and Sulfonimidamides. **2021**, 86, 7403-7424 4
- 302 Bioinorganic Platforms for Sensing, Biomimicry, and Energy Catalysis. **2021**, 50, 974-986 1
- 301 Synthesis of Dense 1,2,3-Triazole Polymers Soluble in Common Organic Solvents. **2021**, 13, 3
- 300 Synthesis of a New Polyanion Possessing Dense 1,2,3-Triazole Backbone. **2021**, 13, 3
- 299 Structure and Oligonucleotide Binding Efficiency of Differently Prepared Click Chemistry-Type DNA Microarray Slides Based on 3-Azidopropyltrimethoxysilane. **2021**, 14,
- 298 Strategies for Surface Immobilization of Whole Bacteriophages: A Review. **2021**, 7, 1987-2014 6
- 297 Supramolecular Click Product Interactions Induce Dynamic Stiffening of Extracellular Matrix-Mimetic Hydrogels. **2021**, 22, 3040-3048 1
- 296 Site-specific ubiquitylation acts as a regulator of linker histone H1. **2021**, 12, 3497 8
- 295 Alkaloids in Contemporary Drug Discovery to Meet Global Disease Needs. **2021**, 26, 4
- 294 Chemically Triggered Hydrogel Transformations through Covalent Adaptable Networks and Applications in Cell Culture.. **2021**, 10, 901-906 1

- 293 Investigating the binding affinity, molecular dynamics, and ADMET properties of 2,3-dihydrobenzofuran derivatives as an inhibitor of fungi, bacteria, and virus protein. **2021**, 10, 5
- 292 Semisynthetic Triazoles as an Approach in the Discovery of Novel Lead Compounds. **2021**, 25, 1097-1179
- 291 Developments of small molecules as inhibitors for carbonic anhydrase isoforms. **2021**, 39, 116140 9
- 290 Cu(I)-Catalyzed Click Chemistry in Glycoscience and Their Diverse Applications. **2021**, 121, 7638-7956 49
- 289 Theoretical and Experimental Insights into the Tandem Mannich-Electrophilic Amination Reaction: Synthesis of Safirinium Dyes. **2021**, 11, 5498 0
- 288 Unusual Effect of Impurities on the Spectral Characterization of 1,2,3-Triazoles Synthesized by the Cu-Catalyzed Azide-Alkyne Click Reaction. **2021**, 86, 11456-11463 3
- 287 Recyclable Ir Nanoparticles for the Catalytic Hydrogenation of Biomass-Derived Carbonyl Compounds. **2021**, 11, 914 0
- 286 Multi-component Synthesis of 1,2,3-Triazoles from Carboxylic Acids, 3-Bromoprop-1-yne and Azides Using Click Chemistry. **2021**, 53, 431-440
- 285 An Overview of Recent Advances in Biomedical Applications of Click Chemistry. **2021**, 32, 1455-1471 15
- 284 ATP-Binding Cassette (ABC) Transporter Proteins, Multidrug Resistance and Novel Flavonoid Dimers as Potent, Nontoxic and Selective Inhibitors. 0
- 283 Synthesis of non-toxic anticancer active forskolin-indole-triazole conjugates along with their in silico succinate dehydrogenase inhibition studies. **2021**, 58, 2090 0
- 282 Preformed molecular complexes of metals with organoselenium ligands: Syntheses and applications in catalysis. **2021**, 438, 213885 14
- 281 Evaluation of Amide Bioisosteres Leading to 1,2,3-Triazole Containing Compounds as GPR88 Agonists: Design, Synthesis, and Structure-Activity Relationship Studies. **2021**, 64, 12397-12413 2
- 280 High-throughput screening of β -chiral-primary amines to determine yield and enantiomeric excess. **2021**, 94, 2
- 279 Kinetic and Structural Characterization of the Self-Labeling Protein Tags HaloTag7, SNAP-tag, and CLIP-tag. **2021**, 60, 2560-2575 18
- 278 Novel 1,2,3-triazole epicinchonans: Transitioning from organocatalysis to biological activities. 1-21 0
- 277 SuFExable polymers with helical structures derived from thionyl tetrafluoride. **2021**, 13, 858-867 12
- 276 Chemically Triggered Click and Declick Reactions: Application in Synthesis and Degradation of Thermosetting Plastics.. **2021**, 10, 1125-1131 2

- 275 Tris-isocyanide copper(I) complex enabling copper azide-alkyne cycloaddition in neat conditions. **2021**, 35, e6401 1
- 274 Covalent grafting of sodium p-styrene sulfonate to stainless steel for antibacterial applications. **2021**, 268, 124753 3
- 273 Carbon dots-based catalyst for various organic transformations. **2021**, 56, 17369-17410 4
- 272 Supramolecular dendrimers based novel platforms for effective oral delivery of therapeutic moieties. **2021**, 64, 102647 3
- 271 Nitric Oxide Induction in Peritoneal Macrophages by a 1,2,3-Triazole Derivative Improves Its Efficacy upon Infection. **2021**, 64, 12691-12704 2
- 270 Synthesis, surface properties and bioactivity of novel 4-Substituted 1,2,3-Triazole quaternary ammonium surfactants. **2021**, 338, 116775 1
- 269 Visible-Light-Mediated Modification and Manipulation of Biomacromolecules. **2021**, 12
- 268 Molecular modelling approaches predicted 1,2,3-triazolyl ester of ketorolac (15K) to be a novel allosteric modulator of the oncogenic kinase PAK1. **2021**, 11, 17471 1
- 267 Convenient synthesis of long alkyl-chain triazolylglycosides using ionic liquid as dual promoter-solvent: Readily access to non-ionic triazolylglycoside surfactants for evaluation of cytotoxic activity. **2021**, 80, 153325 1
- 266 Labeling Using a Clickable ER-Disrupting Probe Suggests a Role for Oleosins in Seedling ER Integrity. **2021**, 16, 2151-2157 1
- 265 Copper-Catalyzed Decarboxylative Cycloaddition of Alkynyl Carboxylic Acids and Sodium Azide with Epoxides and Ethers. **2021**, 6, 9632-9636 1
- 264 Click and Cut: a click chemistry approach to developing oxidative DNA damaging agents. **2021**, 49, 10289-10308 1
- 263 Exfoliated black phosphorous-mediated CuAAC chemistry for organic and macromolecular synthesis under white LED and near-IR irradiation. **2021**, 17, 2477-2487 1
- 262 Molecules, the Ultimate Nanomotor: Linking Chemical Reaction Intermediates to their Molecular Diffusivity. **2021**, 15, 14947-14953 3
- 261 Identification of isoform/domain-selective fragments from the selection of DNA-encoded dynamic library. **2021**, 45, 116328 5
- 260 Copper-Catalyzed Four-Component Cascade Reaction for the Construction of Triazoles Bearing β -Hydroxy Chalcogenides. 1
- 259 Catalytic Enantioselective Construction of Chiroptical Boron-Stereogenic Compounds. **2021**, 143, 16302-16310 7
- 258 New 1,2,3-Triazole-Appended Bis-pyrazoles: Synthesis, Bioevaluation, and Molecular Docking. **2021**, 6, 24879-24890 2

257	Synthesis, Docking, and Biological activities of novel Metacetamol embedded [1,2,3]-triazole derivatives. 2021 , 1242, 130786	2
256	Alginate modification via click chemistry for biomedical applications. 2021 , 270, 118360	13
255	Transition metal-free regioselective synthesis of triazolyl aliphatic sulfonyl fluorides. 2021 , 98, 132425	2
254	Synthesis and in vitro and in silico studies of 1H- and 2H-1,2,3-triazoles as antichagasic agents. 2021 , 116, 105250	2
253	Chemical synthesis of polysaccharide-protein and polysaccharide-peptide conjugates: A review. 2021 , 274, 118662	5
252	Radical denitrogenative transformations of polynitrogen heterocycles: Building C-N bonds and beyond. 2021 , 42, 1865-1875	11
251	Novel molecules containing structural features of NSAIDs and 1,2,3-triazole ring: Design, synthesis and evaluation as potential cytotoxic agents. 2021 , 1246, 131222	
250	New 1,2,3-triazole linked flavonoid conjugates: Microwave-assisted synthesis, cytotoxic activity and molecular docking studies. 2021 , 1246, 131216	3
249	Discovery of triazolyl thalidomide derivatives as anti-fibrosis agents. 2021 , 45, 3589-3599	0
248	The pursuit of mechanism of action: uncovering drug complexity in TB drug discovery. 2021 , 2, 423-440	3
247	Preparation of superhydrophobic nylon-56/cotton-interwoven fabric with dopamine-assisted use of thiol-ene click chemistry.. 2021 , 11, 10699-10709	5
246	Investigation of the Click-Chemical Space for Drug Design Using ZINclick. 2021 , 2266, 3-10	1
245	Divergent functionalization of α,β -ketoones: catalyst-free access to α -azido ketones and α -amino α -diazo ketones. 2021 , 57, 4524-4527	3
244	Click chemistry based synthesis, cytotoxic activity and molecular docking of novel triazole-thienopyrimidine hybrid glycosides targeting EGFR. 2021 , 36, 504-516	13
243	Sulfonic acid-functionalized magnetic carbon nitride as highly efficient ionic composite for sustainable assembly of 1,2,3-triazoles. 2021 , 18, 2057	2
242	Use of ball milling for the synthesis of biologically active heterocycles. 2021 , 167-187	0
241	Click triazole as a linker for drug repurposing against SARs-CoV-2: A greener approach in race to find COVID-19 therapeutic. 2021 , 4, 100064	6
240	Cancer theranostic platforms based on injectable polymer hydrogels. 2021 , 9, 3543-3575	4

239	Forward Chemical Genetics. 1	1
238	Semisynthetic and Fully Synthetic Carbohydrate-Based Cancer Vaccines. 263-311	6
237	Activity-Based Protein Profiling (ABPP) and Click Chemistry (CC)-ABPP by MudPIT Mass Spectrometry. 2009 , 1, 29-41	71
236	Chemical Genetics as a Tool to Study Ethylene Biology in Plants. 184-201	1
235	Copper-Free Solid-Phase Synthesis of Triazolo[1,5-a][1,4]diazepin-6-ones. 2021 , 363, 1112-1119	3
234	Novel Cobalt Bis(dicarbollide) Based on Terminal Alkynes and Their Click-Reactions. 2020 , 2020, 2658-2665	5
233	Nucleophilic Aromatic Substitution (S _{Ar}) and Related Reactions of Porphyrinoids: Mechanistic and Regiochemical Aspects. 2021 , 2021, 7-42	4
232	FN3 Protein Conjugates for Cancer Diagnosis and Imaging Studies. 2019 , 2033, 301-313	2
231	Chemical Protein Engineering: Synthetic and Semisynthetic Peptides and Proteins. 2009 , 29-64	2
230	Click Chemistry and Step-Growth Polymerization: The Ideal Combination for the Rejuvenation of Industrial Polymers. 2009 , 145-164	1
229	Allosteric Small-Molecule Serine/Threonine Kinase Inhibitors. 2019 , 1163, 253-278	10
228	Molecular Imaging as a Paradigm for Genomic and Personalized Medicine. 2009 , 494-499	1
227	Glycoconjugate vaccines, production and characterization. 2020 , 285-313	3
226	Discovery of 1,2,3-triazole based quinoxaline-1,4-di-N-oxide derivatives as potential anti-tubercular agents. 2020 , 100, 103955	21
225	Mononuclear Copper Complexes with Tridentate Tris(N-heterocyclic carbene): Synthesis and Catalysis of AlkyneAzide Cycloaddition. 2021 , 40, 16-22	2
224	CHAPTER 9:Thiolactones as Functional Handles for Polymer Synthesis and Modification. 2013 , 195-216	2
223	Synthesis and antiproliferative activity of 2-aryl-4-(3,4,5-trimethoxybenzoyl)-1,2,3-triazol derivatives as microtubule-destabilizing agents. 2017 , 7, 29103-29111	10
222	Visible-light-enabled oxyazidation of alkenes leading to β -azidoketones in air. 2018 , 20, 3197-3202	70

221	CuAAC-ensembled 1,2,3-triazole-linked isosteres as pharmacophores in drug discovery: review.. 2020 , 10, 5610-5635	84
220	An Expeditious Route for the Synthesis of Oxazepine Triazolo- β -Lactams through Intramolecular Metal-Free [3+2] Azide-Alkyne Cycloaddition. 2020 , 73, 654	3
219	Modification and de novo design of non-ribosomal peptide synthetases (NRPS) using specific assembly points within condensation domains.	2
218	An Effective Approach to 1,2,3-Triazole-Containing 12-Vertex closo-Dodecaborates. 2007 , 72, 1717-1724	14
217	Dendrimers An Enabling Synthetic Science to Controlled Organic Nanostructures. 2007 , 24-1-24-47	4
216	Design, Synthesis and Characterization of Novel Isoxazole Tagged Indole Hybrid Compounds. 2020 , 18, 138-148	3
215	Structure-properties relationship for energy storage redox polymers: a review. 2020 , 40, 373-393	1
214	Flavonoids as P-gp Inhibitors: A Systematic Review of SARs. 2019 , 26, 4799-4831	12
213	Glycan Carriers As Glycotools for Medicinal Chemistry Applications. 2019 , 26, 6349-6398	2
212	An Overview on Glyco-Macrocycles: Potential New Lead and their Future in Medicinal Chemistry. 2020 , 27, 3386-3410	4
211	Current Advances in the Synthesis and Biological Evaluation of Pharmacologically Relevant 1,2,4,5-Tetrasubstituted-1H-Imidazole Derivatives. 2019 , 23, 2016-2101	3
210	Novel Benzylidenehydrazide-1,2,3-Triazole Conjugates as Antitubercular Agents: Synthesis and Molecular Docking. 2019 , 19, 1178-1194	6
209	Exploring the Chemistry and Therapeutic Potential of Triazoles: A Comprehensive Literature Review. 2019 , 19, 1298-1368	16
208	Advances in Triazole Synthesis from Copper-catalyzed Azide-alkyne Cycloadditions (CuAAC) Based on Eco-friendly Procedures. 2019 , 16, 244-257	11
207	Unexpected Reactions of Terminal Alkynes in Targeted "Click Chemistry" Coppercatalyzed Azide-alkyne Cycloadditions. 2019 , 16, 1143-1148	2
206	Developments in the Application of 1,2,3-Triazoles in Cancer Treatment. 2020 , 15, 92-112	9
205	Can Google Searches Predict the Popularity and Harm of Psychoactive Agents?. 2016 , 18, e38	9
204	Design and Synthesis of Novel Triazole-based Peptide Analogues as Anticancer Agents. 2019 , 18, 1299-1308	5

203	Flavonoid Glycosides with a Triazole Moiety for Marine Antifouling Applications: Synthesis and Biological Activity Evaluation. 2020 , 19,	4
202	Carbonic Anhydrase-IX Guided Albumin Nanoparticles for Hypoxia-mediated Triple-Negative Breast Cancer Cell Killing and Imaging of Patient-derived Tumor. 2020 , 25,	6
201	Using the ribosome to synthesize peptidomimetics. 2009 , 1, 53	2
200	SYNTHESIS AND CHARACTERIZATION OF OPTICALLY ACTIVE BLOCK COPOLYMER WITH THERMO-RESPONSIVE CHARACTERISTIC VIA "CLICK" REACTION. 2010 , 010, 705-713	3
199	The Synthesis of RGD-functionalized Hydrogels as a Tool for Therapeutic Applications. 2016 ,	4
198	Rapid Cu(I) -Catalyzed Click Chemistry: An Alkyne-Bearing Spiramycin is fused with Diverse Azides to Yield New Triazole-Antibacterial Candidates. 2006 , 69, 55	22
197	Synthesis of Unusual Tricyclic Ring Systems of Biological Interest. 2007 , 73, 269	5
196	Synthesis and Biological Evaluation of Triazolyl Monastrol Analogues Using Cu-Catalyzed Click Chemistry. 2017 , 94, 1856	4
195	Chemistry of Renieramycins Part 18. Synthesis of Renieramycin M and So-called Fennebricin A from (+/-)-Jorunnamycin A. 2020 , 101, 548	2
194	Development of Near-Infrared Fluorescent Probes with Large Stokes Shifts for Non-Invasive Imaging of Tumor Hypoxia. 2020 , 101, 559	1
193	Copper (Cu) an Essential Redox-Active Transition Metal in Living System: A Review Article. 2018 , 09, 15-26	10
192	Facile Synthesis of Fröhét Type Dendritic Benzyl Azides and Dendrimer via Cycloaddition Reaction with Tripodal Core. 2005 , 26, 1790-1794	20
191	A Facile Route to Triazole Dendrimers via Click Chemistry Linking Tripodal Acetylene and Dendrons. 2005 , 26, 658-660	54
190	Convergent Synthesis of Triazole Dendrimers via Click Chemistry Using Tripodal Core. 2005 , 26, 833-836	34
189	One-Pot Synthesis of 1,2,3-Triazoles from Michael Reaction. 2008 , 29, 723-724	5
188	Nanocrystalline Copper Oxide(II)-Catalyzed Alkyne-Azide Cycloadditions. 2008 , 29, 1561-1564	32
187	Azide/Alkyne Resins for Quick Preparation of 1,4-Disubstituted 1,2,3-Triazoles. 2010 , 31, 1843-1847	6
186	Synthesis of 10-Substituted Triazolyl Artemisinins and Their Growth Inhibitory Activity against Various Cancer Cells. 2011 , 32, 737-740	9

- 185 An Efficient Solid-Phase Synthesis of β -1,2,3-Triazoloamide Derivatives via Click Chemistry. **2011**, 32, 2453-2456 10
- 184 Versatile Synthesis of Disubstituted Triazole Library for Dopamine and Serotonin Receptor Ligands. **2011**, 32, 3101-3104 3
- 183 Synthesis and Catalytic Applications of Ruthenium(0) Nanoparticles in Click Chemistry. **2014**, 35, 1144-1148 10
- 182 Entry to Highly Hindered Chiral β -Amino Triazoles Bearing a gem-Diaryl Group by Azide-alkyne Click Chemistry. **2014**, 35, 1605-1612 3
- 181 Recent Progress in Catalytic Reactions via Copper-Acetylide Complexes as Key Intermediates. **2011**, 69, 1086-1098 3
- 180 Development of Heterogeneous Palladium Catalyst Supported on Synthetic Adsorbent. **2012**, 70, 711-721 7
- 179 Chemistry of Triazole-Linked Analogue of Nucleic Acids. **2012**, 70, 821-830 1
- 178 Target-guided Synthesis: Medicinal Chemistry Strategy to Allow Target Enzymes Themselves to Synthesize their Own Inhibitors. **2014**, 72, 702-716 3
- 177 Synthesis and preliminary evaluation of octreotate conjugates of bioactive synthetic amatoxins for targeting somatostatin receptor (sstr2) expressing cells.. **2022**, 3, 69-78 1
- 176 Cu(I)-Promoted Regioselective Synthesis of Some New Benzimidazole-1,2,3-Triazole Frameworks as In Vitro Anticancer Agents. **2021**, 47, 1028-1033 1
- 175 A novel route to 1,4-disubstituted-1,2,3-triazoles through metal-free decarboxylative azide-alkene cycloaddition. **2021**, 153440 1
- 174 Coumarins and Gastrointestinal Cancer: A New Therapeutic Option?. **2021**, 11, 752784 3
- 173 An IR Spectroscopy Study of the Degradation of Surface Bound Azido-Groups in High Vacuum. **2021**, 37, 12608-12615 1
- 172 Methacryloyl-GlcNAc Derivatives Copolymerized with Dimethacrylamide as a Novel Antibacterial and Biocompatible Coating. **2021**, 13, 0
- 171 Rational Design of Heterocyclic Moieties Incorporated in [1,2,3]Sugar-Triazole Derivatives for Antioxidant Studies. **2021**, 6, 9955-9959 1
- 170 Light-activated Proteins. 253
- 169 6-Azido-6-de-oxy- β -l-galactose (6-azido-l-fucose) monohydrate. **2008**, 64, o1568-9
- 168 2-(4-Phenyl-1H-1,2,3-triazol-1-yl)-N-(p-tol-yl)acetamide. **2008**, 64, o1612

- 167 Asymmetric Synthesis of ¹⁴C-labeled L-Propargylglycine. **2010**, 59, 721-726
- 166 Design and Synthesis of Photocleavable Biotinylated-Dopamine with Polyethyleneoxy Photocleavable Linkers. **2010**, 82, 1601 2
- 165 An Efficient Strategy for the Exploration of Specific Inhibitors of Sialyltransferases. **2010**, 294-301
- 164 Combinatorial Chemistry in the Drug Discovery Process. 1
- 163 Kinetic and Thermodynamic Approaches for the Efficient Formation of Mechanical Bonds. **2011**, 1-18
- 162 Polycatenanes. **2012**, 487-530
- 161 Advances in Molecular Design of Polymer Surfaces with Antimicrobial, Anticoagulant, and Antifouling Properties. **2015**, 53-80 1
- 160 Chemoselective Protein Modifications: Methods and Applications for the Functionalization of Viral Capsids. 299-348
- 159 Chemical Aspects of Biocompatible Interfaces. **2015**, 1-22
- 158 High Pressure Effects on 1,3-Dipolar Cycloaddition of Azides with Alkynes. **2015**, 18, 736-742
- 157 The New 1,2,3-Triazolylanthracene-9,10-Diones: Synthesis and ComputerBioactivity Screening. **2017**, 11, 1-9 2
- 156 Chapter 13:Synthetic Peptides for DNA Recognition Inspired by Transcription Factors. **2018**, 332-366
- 155 Design, Synthesis and In vitro Cytotoxicity of New 1,2,3-triazol- and Nitrostyrene Hybrids as Potent Anticancer Agents. **2018**, 16, 213-219 1
- 154 A One-pot Multicomponent Click Approach to the Synthesis of Novel Tamoxifen-triazole Conjugates using Nano Iron Oxide Catalyst and their Preliminary Antiproliferative Activity Studies. **2019**, 16, 846-860 1
- 153 Pharmacological and Cellular Significance of Triazole-Surrogated Compounds. **2020**, 23, 2305-2572 0
- 152 Tetraamminecopper(II) Sulfate Monohydrate in Oxidative Azide-olefin Cyclo-addition and Three-component Click Reaction. **2020**, 17, 65-72 1
- 151 Structural and Thermal Characterization of Halogenated Azidopyridines: Under-Reported Synthons for Medicinal Chemistry. **2021**, 2
- 150 Further assessments of ligase LplA-mediated modifications of proteins in vitro and in cellulo. **2021**, 1

- 149 Three-Component Reactions of β -CF Carbonyls, NaN, and Amines for the Synthesis of 1,2,3-Triazoles. **2021**, 86, 17197-17212 6
- 148 Miscellaneous Reactions. **2021**, 161-291
- 147 Novel strategies to improve delivery performances. **2020**, 59-82
- 146 Only a ClickAway: Development of Arginine-Rich Peptide-Based Materials Using Click Chemistry. **2020**, 37-51
- 145 One-step and one-pot-two-step radiosynthesis of cyclo-RGD-(18)F-aryltrifluoroborate conjugates for functional imaging. **2013**, 3, 44-56 19
- 144 Graphene: Structure, properties, preparation, modification, and applications. **2022**, 1-24
- 143 1,2,3-Triazoles and 1,2,3-Triazolium Ions as Catalysts. **2022**, 221-247 1
- 142 Azide-Functionalized Naphthoxyloside as a Tool for Glycosaminoglycan Investigations. **2021**, 0
- 141 Iron-Catalyzed Asymmetric Decarboxylative Azidation. **2021**, 23, 8847-8851 1
- 140 Click Chemistry Approaches for the Synthesis and Functionalization of Macromolecules. 9, 46-54
- 139 Copper(II)-Bis-Cyclen Intercalated Graphene Oxide as an Efficient Two-Dimensional Nanocomposite Material for Copper-Catalyzed Azide-Alkyne Cycloaddition Reaction.. **2021**, 9, 754734 0
- 138 Synthesis of novel hybrid quinoxaline containing triazole and acetamide moieties by azide-alkyne click chemistry: Experimental and theoretical characterization. **2022**, 1253, 132132 2
- 137 Copper-catalyzed oxidative-coupling for one-pot synthesis of 5-aryl-1,4-disubstituted 1,2,3-triazoles under mild conditions.. **2021**, 11, 38108-38114 1
- 136 Novel Copper Tagged Supported Ionic Liquid Phase Catalyst for the Synthesis of 1,4-Disubstituted 1,2,3-Triazoles via Cu-catalyzed Azide-Alkyne Cycloaddition Reactions in Water. 1 1
- 135 Azide-alkyne cycloadditions with an electronically activated alkyne: indole formation 1-aryl-1,2,3-triazole-derived imino carbenes.. **2022**,
- 134 Click chemistry connections for functional discovery. **2022**, 1, 8-10 2
- 133 A Transient Initiator for Polypeptoids Postpolymerization β -Functionalization via Activation of a Thioester Group. **2022**, 223, 2100331
- 132 Click Chemistry toward the Synthesis of Anticancer Agents. **2022**, 104, 229 0

131	1,6-Addition of 1,2,3-NH triazoles to -quinone methides: Facile access to highly selective N and N substituted triazoles.. 2021 ,	1
130	Copper-Containing Catalysts for Azide-Alkyne Cycloaddition in Supercritical CO ₂ . 2022 , 12, 194	0
129	Growth Factor Immobilization Strategies for Musculoskeletal Disorders.. 2022 , 20, 13	0
128	Antimicrobial and in-silico evaluation of novel chalcone and amide-linked 1,4-disubstituted 1,2,3 triazoles. 2022 , 1257, 132632	2
127	Mechanistic investigation of enolate/stabilized vinylogous carbanion-mediated organocatalytic azide (3 + 2) cycloaddition reactions for the synthesis of 1,2,3-triazoles.. 2022 ,	1
126	Organosulphur and organoselenium compounds as emerging building blocks for catalytic systems for -arylation of phenols, a C-O coupling reaction.. 2022 ,	3
125	β-Lactam and penicillin substituted mesoionic metal carbene complexes.. 2022 ,	
124	From light to structure: Photo initiators in two-photon polymerization.. 2022 ,	4
123	Glycopolymers Decorated with 3--Substituted Thiodigalactosides as Potent Multivalent Inhibitors of Galectin-3.. 2022 ,	0
122	Synthesis of [1,2,3]Triazolo-[1,5]-quinoxalin-4(5)-ones through Photoredox-Catalyzed [3 + 2] Cyclization Reactions with Hypervalent Iodine(III) Reagents.. 2022 ,	5
121	Synthesis and Screening of a DNA-Encoded Library of Non-Peptidic Macrocycles**.	
120	Highly Active Cu(II) Diimine Catalyzed Click Reactions: A Mild Yet Fast Approach to Carbazole Substituted 1,2,3-Triazoles. 1	
119	Flow cytometry and 5-ethynyl-2'-deoxyuridine (EdU) labeling to detect the cell cycle dynamics of <i>Phaeodactylum tricornutum</i> under light.. 2022 ,	
118	Light-induced synthesis and characterization of β-clickable polyacrylamide hydrogels. 2022 , 167, 111062	1
117	Synthesis and Screening of a DNA-Encoded Library of Non-Peptidic Macrocycles.. 2022 ,	3
116	High Throughput Screening for Compounds to the Orphan Nuclear Receptor NR2F6.. 2022 ,	0
115	Complementary catalysis and analysis within solid state additively manufactured metal micro flow reactors.. 2022 , 12, 5121	0
114	Perillyl alcohol and its synthetic derivatives: the rising of a novel class of selective and potent antitumoral compounds. 1	

113	In Vitro and In Vivo Antiviral Studies of New Heteroannulated 1,2,3-Triazole Glycosides Targeting the Neuraminidase of Influenza A Viruses.. 2022 , 15,	1
112	Bioprospecting of microbial enzymes: current trends in industry and healthcare.. 2022 , 106, 1813	2
111	Three-Component Coupling of β -Trifluoromethyl Carbonyls, Azides and Amines for the Regioselective Synthesis of 1,4,5-Trisubstituted 1,2,3-Triazoles.	2
110	Tunable Synthesis of 1,2,3-Triazoles and Enamines through Deacylative Azide-Alkene Cycloaddition.	0
109	Enantioselective Rh-Catalyzed Azide-Internal-Alkyne Cycloaddition for the Construction of Axially Chiral 1,2,3-Triazoles.. 2022 ,	7
108	The significance of graphene based composite hydrogels as smart materials: A review on the fabrication, properties, and its applications. 2022 , 33, 100352	0
107	An Overview on the Performance of 1,2,3-Triazole Derivatives as Corrosion Inhibitors for Metal Surfaces.. 2021 , 23,	0
106	Thiol-Ene Click Reactions as a Promising Approach to Polymer Materials. 1	1
105	Synthesis and Antimicrobial Activity of (Z)-2-(4-((5-((1-Benzylpiperidin-4-yl)methylene)-2,4-dioxothiazolidin-3-yl)methyl)-1H-1,2,3-triazol-1-yl)-N-phenylacetamides. 2022 , 6, 315-321	
104	Comparative Investigation on the Crystal Structures, Hirshfeld Surface Analysis, Antitubercular Assays, and Molecular Docking of Regioisomeric 1,2,3-Triazoles. 2022 , 7,	0
103	Data_Sheet_1.pdf. 2019 ,	
102	Data_Sheet_1.PDF. 2019 ,	
101	Data_Sheet_1.PDF. 2019 ,	
100	Data_Sheet_2.zip. 2019 ,	
99	Novel 1,2,3-Triazole-Coumarin Hybrid Glycosides and Their Tetrazolyl Analogues: Design, Anticancer Evaluation and Molecular Docking Targeting EGFR, VEGFR-2 and CDK-2.. 2022 , 27,	2
98	One Pot Multicomponent Synthesis of Highly Commutated 1,2,3-Triazoles using some Pyrazole aldehyde through Click Reaction. 2022 , 38, 295-301	
97	'Click' synthesized non-substituted triazole modified chitosan from CaC ₂ as a novel antibacterial and antioxidant polymer. 2022 , 29,	0
96	Lipofuscin labelling through biorthogonal strain-promoted azide-alkyne cycloaddition for the detection of senescent cells.. 2022 ,	2

- 95 Rhodium-Catalyzed Atroposelective Click Cycloaddition of Azides and Alkynes. 0
- 94 Radical-Mediated Functionalization of Internal Alkenes: Synthesis of Multisubstituted Allylic and Homoallylic Azides. 0
- 93 Rhodium-Catalyzed Atroposelective Click Cycloaddition of Azides and Alkynes.. **2022**, 0
- 92 A Selenylation Chemistry Suitable for On-Plate Parallel and On-DNA Library Synthesis Enabling High-Throughput Medicinal Chemistry. 0
- 91 A Selenylation Chemistry Suitable for On-Plate Parallel and On-DNA Library Synthesis Enabling High-Throughput Medicinal Chemistry.. **2022**, 0
- 90 Synthetic strategies for purine nucleoside analogs. **2022**, 221-301
- 89 Photoinduced inverse Sonogashira coupling reaction. 1
- 88 Recent Advances on α -Azidoketones and Esters in the Synthesis of N-Heterocycles. 0
- 87 An Efficient Synthesis of Novel Triazolo-pyrimidine Derivatives using Copper Catalyzed Click Chemistry (CuAAC) Approach. **2022**, 7, 153-158
- 86 Green solvent-free synthesis of new N-heterocycle-L-ascorbic acid hybrids and their antiproliferative evaluation. 0
- 85 Design and Synthesis of 1,2,3-Triazole Incorporated Pyrimidine-Benzoxazole Derivatives as Anticancer Agents. **2022**, 100906
- 84 An Efficient Access to 5-(1,2,3-triazol-1-yl)isoxazoles [previously unknown structural type of triazole-isoxazole hybrid molecule. 0
- 83 Water-reducible and self-healing acrylic coatings based on Diels-Alder reversible reaction. **2022**, 171, 107012 0
- 82 Copper-Promoted One-Pot Sandmeyer-Type Reaction for the Synthesis of N-Aryltriazoles. 0
- 81 In Situ Cellular Localization of Nonfluorescent [60]Fullerene Nanomaterial in MCF-7 Breast Cancer Cells. 0
- 80 Design, synthesis, and antimicrobial evaluation of novel 10-Undecenoic acid-based lipidic triazoles. 0
- 79 Synthesis, characterization, antioxidant and anticancer activity of new hybrid structures based on diarylmethanol and 1,2,3-triazole. **2022**, 1269, 133763 0
- 78 Targeting de novo lipogenesis and the Lands cycle induces ferroptosis in KRAS-mutant lung cancer. **2022**, 13, 2

- 77 1,2,3-Triazole and Its Analogues: New Surrogates for Diazo Compounds. **2022**, 122, 13108-13205 6
- 76 Catalytic activity and mechanistic investigation of 1D 2-Picolinic acid based Cu(II) coordination polymer in the selective construction of 1,4-disubstituted triazoles. **2022**, 12, 0
- 75 β -Glucosidase and β -Amylase Inhibitory Potentials of Quinoline β ,3,4-oxadiazole Conjugates Bearing 1,2,3-Triazole with Antioxidant Activity, Kinetic Studies, and Computational Validation. **2022**, 15, 1035 0
- 74 Dealkenylative Alkynylation Using Catalytic Fell and Vitamin C. **2022**, 144, 14828-14837 2
- 73 Clickable polysaccharides for biomedical applications: A comprehensive review. **2022**, 133, 101590 1
- 72 Substitution of a triazole for the central olefin in biologically active stilbenes. **2022**, 75, 128980 1
- 71 Gemini ionic liquid modified nacre-like reduced graphene oxide click membranes for ReO₄⁻/TcO₄⁻ removal. **2022**, 302, 122073 0
- 70 Metal catalyzed C \equiv N functionalization on triazole rings. **2022**, 12, 27534-27545 0
- 69 A mesoporous metal-organic framework used to sustainably release copper(ii) into reducing aqueous media to promote the CuAAC click reaction. **2022**, 12, 26825-26833 0
- 68 Organocatalytic asymmetric azidation of sulfoxonium ylides: mild synthesis of enantioenriched β -azido ketones bearing a labile tertiary stereocenter. 2
- 67 Synthesis and structural features of a series of Cu(i) furan-2-thiocarboxylate complexes: efficient β -click catalysts for the synthesis of glycoconjugates and glycocluster. **2022**, 46, 18471-18481 0
- 66 Transition-metal Catalyzed 1,2,3-Triazole-assisted C \equiv N Functionalization Processes. **2022**, 80, 1135 0
- 65 Triazole-based covalent gels assembled from small molecules with superior stability for supported catalysis in a monolithic microfluidic reactor. **2022**, 646, 118851 0
- 64 Synthesis of 1,4-disubstituted-1,2,3-triazoles using starch-functionalized copper (II) acetate as a recyclable heterogeneous catalyst in water. 0
- 63 Synthesis of new 1,2,3-triazolo-nucleoside analogues with 2-propargylamino pyrimidines via click reactions. 1-15 0
- 62 Molecular Organosulphur, Organoselenium and Organotellurium Complexes as Homogeneous Transition Metal Catalytic Systems for Suzuki Coupling. **2022**, 7, 0
- 61 Carbonyl-Assisted Iridium-Catalyzed C \equiv N Amination Using 2,2,2-Trichloroethoxycarbonyl Azide. 2
- 60 Facile Synthesis of Triazoles using Electrospray-Deposited Copper Nanomaterials to Catalyze Azide-Alkyne Cycloaddition (AAC) Click Reactions. **2022**, 87, 0

- 59 Post-Modification of Amino Acids and Peptides for the Rapid Synthesis of C-Glycoamino Acids and C-Glycopeptides. ○
- 58 5-Fluoro-1,2,3-triazole motif in peptides and its electronic properties. ○
- 57 Photoredox catalysis leading to triazolo-quinoxalinones at room temperature: selectivity of the rate determining step. ○
- 56 Discovery of a Novel Potent Antitumor Molecule, P19G1, by Erlotinib Derivative Libraries Synthesized by Modular Click-Chemistry. **2022**, 21, 153303382211096 ○
- 55 Assembly of Biologically Functional Structures by Nucleic Acid Templating: Implementation of a Strategy to Overcome Inhibition by Template Excess. **2022**, 27, 6831 ○
- 54 Phenylhydrazone linked 1,2,3-triazole hybrids: synthesis, antimicrobial evaluation and docking studies as dual inhibitors of DNA gyrase and lanosterol 14- β demethylase. 1
- 53 Versatile Synthetic Platform for 1,2,3-Triazole Chemistry. **2022**, 7, 36945-36987 2
- 52 Application of Click Chemistry in Biomedical Hydrogels. **2022**, 7, 36918-36928 ○
- 51 Unlocking the potential of iridium and ruthenium arene complexes as anti-tumor and anti-metastasis chemotherapeutic agents. **2022**, 112057 ○
- 50 Development of the First Tritiated Tetrazine: Facilitating Tritiation of Proteins. ○
- 49 Mechanochemical Approach towards Multi-Functionalized 1,2,3-Triazoles and Anti-Seizure Drug Rufinamide Analogs Using Copper Beads. **2022**, 27, 7784 ○
- 48 Design, Synthesis, and Bioactivity of Novel Quinazolinone Scaffolds Containing Pyrazole Carbamide Derivatives as Antifungal Agents. **2022**, 44, 5605-5621 ○
- 47 Surface modification for site-directed covalent attachment of molecules via strain-promoted azide-alkyne click-chemistry reaction and photolithography. **2023**, 36, 102500 ○
- 46 Tackling Antibiotic Resistance: Influence of Aliphatic Branches on Broad-Spectrum Antibacterial Polytriazoles against ESKAPE Group Pathogens. **2022**, 14, 2518 ○
- 45 New Nucleic Base-Tethered Trithiolato-Bridged Dinuclear Ruthenium(II)-Arene Compounds: Synthesis and Antiparasitic Activity. **2022**, 27, 8173 ○
- 44 Organophosphorus Chemistry: Synthesis of New Phosphonic Acid Derivatives Bearing a Triazole Moiety. ○
- 43 Ultrasmall Cu I Nanoparticles Stabilized on Surface of HPMC: An Efficient Catalyst for Fast and Organic Solvent-Free Tandem Click Chemistry in Water. ○
- 42 A Copper-Catalyzed Interrupted Domino Reaction for the Synthesis of Fused Triazolyl Benzothiadiazine-1-oxides. ○

- 41 Design of Conjugates Based on Sesquiterpene Lactones with Polyalkoxybenzenes by Click Chemistry to Create Potential Anticancer Agents. **2022**, 27, 8411 1
- 40 Exploring the antioxidant potential of bis-1,2,3-triazolyl-N-phenylacetamides. 0
- 39 Azide-Alkyne Cycloaddition Catalyzed by Copper(I) Coordination Polymers in PPM Levels Using Deep Eutectic Solvents as Reusable Reaction Media: A Waste-Minimized Sustainable Approach. 1
- 38 Synthesis of Benzothiazole Linked Triazole Conjugates and Their Evaluation Against Cholinesterase Enzymes. **2022**, 7, 0
- 37 Polymer Grafting and its chemical reactions. 10, 0
- 36 Synthesis and In Vitro Anticancer Evaluation of Flavone-1,2,3-Triazole Hybrids. **2023**, 28, 626 0
- 35 Destabilizing Predictive Copper-Catalyzed Click Reactions by Remote Interactions with a Zinc-Porphyrin Backbone. 0
- 34 Construction of Axial Chirality via Click Chemistry: Rh-Catalyzed Enantioselective Synthesis of 1-Triazolyl-2-Naphthylamines. 0
- 33 Copper-Based Metal-Organic Frameworks (MOFs) as an Emerging Catalytic Framework for Click Chemistry. **2023**, 13, 130 2
- 32 Privileged heterocycles for DNA-encoded library design and hit-to-lead optimization. **2023**, 248, 115079 0
- 31 The Alkyne Zipper Reaction: A Useful Tool in Synthetic Chemistry. **2023**, 4, 26-65 0
- 30 Synthesis and anti-inflammatory activity evaluation of novel AZT and adenosine derivatives. **2022**, 30-36 0
- 29 Safe and Rapid Synthesis and Utilization of 2-Azidopyridine and Related Derivatives via Continuous Flow Diazotization. **2023**, 27, 0
- 28 Recent progress in the Cu-catalyzed multicomponent synthesis of 1,4-disubstituted 1,2,3-triazoles. 1-31 1
- 27 Photochemically Degradable Polymers; Synthesis of Polymers with Metal-Metal Bonds Along the Backbone Using Click Chemistry. **2012**, 31-55 0
- 26 Methods for functionalization of nanocarriers. **2023**, 37-56 0
- 25 Click Chemistry for Liposome Surface Modification. **2023**, 173-189 0
- 24 Advances of bioorthogonal coupling reactions in drug development. **2023**, 253, 115338 0

- 23 Synthesis and biological evolution of aryl quinolin-benzimidazole-1,2,3-triazole as anticancer agents. **2023**, 45, 101008 ○
- 22 Copper(I)-Catalyzed Alkyne-Azide Cycloaddition (CuAAC) Click Reaction: A Powerful Tool for Functionalizing Polyhydroxylated Platforms. **2023**, 8, 3650-3666 2
- 21 Biologically Responsive Polymers. **2016**, 199-253 ○
- 20 Mechanisms, Copper Catalysts, and Ligands Involved in the Synthesis of 1,2,3- Triazoles Using Click Chemistry. **2022**, 26, 2098-2121 ○
- 19 New Photochemical Properties of Azidoaniline and Ciprofloxacin. ○
- 18 Iridium and B(C₆F₅)₃ co-catalyzed chemoselective deoxygenative reduction of tertiary amides: application to the efficient synthesis and late-stage modification of pharmaceuticals. **2023**, 66, 1094-1100 ○
- 17 Modular Synthesis of Functional Block Copolymers by Thio-Maleimide Click Chemistry for Porous Membrane Formation. **2023**, 56, 1674-1687 ○
- 16 Decarboxylative Triazolization Enables Direct Construction of Triazoles from Carboxylic Acids. **2023**, 3, 813-822 ○
- 15 Targeting Melanocortin Receptors Using SNAr-Type Macrocyclization: A Doubly Orthogonal Route to Cyclic Peptide Conjugates. **2023**, 66, 3273-3283 ○
- 14 Radical Polymerization-Induced Nontraditional Intrinsic Luminescence of Triphenylmethyl Azide-Containing Polymers. **2023**, 56, 1898-1906 ○
- 13 Assembling Complex Macromolecules and Self-Organizations of Biological Relevance with Cu(I)-Catalyzed Azide-Alkyne, Thio-Bromo, and TERMINI Double Click Reactions. **2023**, 15, 1075 1
- 12 Covalent functionalization of graphene sheets for plasmid DNA delivery: experimental and theoretical study. **2023**, 13, 7000-7008 ○
- 11 Effective, Rapid, and Small-Scale Bioconjugation and Purification of Clicked Small-Molecule DNA Oligonucleotide for Nucleic Acid Nanoparticle Functionalization. **2023**, 24, 4797 ○
- 10 Sulfonyl-PYBOX Ligands Enable Kinetic Resolution of β -Tertiary Azides by CuAAC. **2023**, 135, ○
- 9 Sulfonyl-PYBOX Ligands Enable Kinetic Resolution of β -Tertiary Azides by CuAAC. **2023**, 62, ○
- 8 Visible-Light-Initiated Sequential Trifluoromethylation/Remote C(sp³) β Alkynylation of Vinyl Azides by Radical Relay. **2023**, 88, 4687-4693 ○
- 7 Click Triazole as a Linker for Pretargeting Strategies: Synthesis, Docking Investigations, Fluorescence Diagnosis, and Antibacterial Action Studies. **2023**, 28, 2758 ○
- 6 Synthesis, characterization, docking and antimicrobial studies of binol based amide linked symmetrical bistriazoles. **2023**, 100, 100973 ○

- 5 Synthesis of 1,2,3-Triazole-Linked Hexopyranosylpyrimidine Nucleosides and Their Application as Hepatitis B Viral DNA, HBsAg and HBeAg Suppressants. **2023**, 8, ○
- 4 Synthesis of a temperature sensitive graft carbon dioxide-based copolymer and its evaluation as a nano drug carrier. ○
- 3 Investigation of the effect of chelating nitrogenous bases on click reactions on poly[(methyl acrylate)- co -(5-azido-1-pentene)]. ○
- 2 Copper(i)-catalyzed click chemistry in deep eutectic solvent for the syntheses of β -D-glucopyranosyltriazoles. **2023**, 13, 10424-10432 ○
- 1 Novel Polymyxin-Inspired Peptidomimetics Targeting the SARS-CoV-2 Spike:hACE2 Interface. **2023**, 24, 8765 ○