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## Gold-catalyzed organic reactions

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2323	Thermally Stable Gold(I) Ethylene Adducts: [(HB{3,5-(CF <sub>3</sub> ) <sub>2</sub> Pz} <sub>3</sub> )Au(CH <sub>2</sub> =CH <sub>2</sub> )] and [(HB{3-(CF <sub>3</sub> ),5-(Ph)Pz} <sub>3</sub> )Au(CH <sub>2</sub> =CH <sub>2</sub> )]. <b>2007</b> , 119, 7960-7962		21
2322	New Pyridine ONN-Pincer Gold and Palladium Complexes: Synthesis, Characterization and Catalysis in Hydrogenation, Hydrosilylation and C-C Cross-Coupling Reactions. <b>2007</b> , 349, 2470-2476		60
2321	Gold-Catalyzed 5- and 6-exo-dig Selective Cyclizations of Alkynyl Silyl Enol Ethers: Efficient Method for [3+2] and [4+2] Annulations onto $\alpha,\beta$ -Enones. <b>2007</b> , 349, 2092-2096		46
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2318	Catalysis: raising the gold standard. <b>2007</b> , 449, 292-3		76
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2316	Gold-catalyzed transesterification of ortho-alkynylbenzoic acid esters: a novel protecting group for alcohols and phenols. <b>2008</b> , 49, 7046-7049		17
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2310	Recent developments in enantioselective gold(I) catalysis. <b>2008</b> , 14, 5382-91	522
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2297	Structurally Characterized Coinage-Metal-Ethylene Complexes. <b>2008</b> , 2008, 509-522	103
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- 2292 Platinum-catalyzed formation of cyclic-ketone-fused indoles from N-(2-alkynylphenyl)lactams. **2008**, 47, 346-9 136
- 2291 Gold-catalyzed allyl-allyl coupling. **2008**, 47, 1883-6 58
- 2290 Platinum-catalyzed intramolecular [4C+3C] cycloaddition between dienes and allenes. **2008**, 47, 951-4 135
- 2289 PtCl<sub>4</sub>-catalyzed domino synthesis of fused bicyclic acetals. **2008**, 47, 209-12 91
- 2288 Golden opportunities in stereoselective catalysis. **2008**, 47, 2178-81 407
- 2287 A highly efficient and selective Au(I)-catalyzed tandem synthesis of diversely substituted pyrrolo[1,2-a]quinolines in aqueous media. **2008**, 47, 3805-10 132
- 2286 Homogeneous catalytic hydroamination of alkynes and allenes with ammonia. **2008**, 47, 5224-8 329
- 2285 Combining the concepts: dual catalysis with carbophilic Lewis acids. **2008**, 47, 5703-5 90
- 2284 Gold(I)-catalyzed alkoxyhalogenation of beta-hydroxy-alpha,alpha-difluoroynones. **2008**, 47, 7927-30 144
- 2283 Catalysts for the sonogashira coupling--the crownless again shall be king. **2008**, 47, 6954-6 230
- 2282 The role of bent acyclic allene gold complexes in axis-to-center chirality transfers. **2008**, 47, 7534-8 119
- 2281 "High noon" in gold catalysis: carbene versus carbocation intermediates. **2008**, 47, 6754-6 258
- 2280 Synthesis of spiroquinolines through a one-pot multicyclic and multicomponent cascade reaction. **2008**, 47, 7044-7 72
- 2279 Gold(I)-catalyzed tandem reactions initiated by 1,2-indole migrations. **2008**, 47, 7354-7 112
- 2278 Gold-catalyzed waste-free generation and reaction of azomethine ylides: internal redox/dipolar cycloaddition cascade. **2008**, 47, 7040-3 221
- 2277 cis-Selective single-cleavage skeletal rearrangement of 1,6-enynes reveals the multifaceted character of the intermediates in metal-catalyzed cycloisomerizations. **2008**, 47, 7892-5 86
- 2276 Gold-catalyzed cycloisomerization of cyclopropyl alkynyl acetates: a versatile approach to 5-, 6-, and 7-membered carbocycles. **2008**, 47, 10110-3 83
- 2275 Gold- vs. Platinum-Catalyzed Polycyclizations by O-Acyl Migration. Solvent-Free Reactions. **2008**, 350, 43-48 91

2274	Tandem Gold(III)-Catalyzed Amination-Intramolecular Hydroamination Reactions of 1-En-4-yn-3-ols with Sulfonamides: Efficient Approach to Highly Substituted Pyrroles. <b>2008</b> , 350, 243-248	79
2273	Cyclization of Allenyne-1,6-diols Catalyzed by Gold and Silver Salts: An Efficient Selective Synthesis of Dihydrofuran and Furan Derivatives. <b>2008</b> , 350, 547-551	49
2272	Gold(III) Chloride-Catalyzed Diastereoselective Alkylation Reactions with Chiral Benzylic Acetates. <b>2008</b> , 350, 1125-1130	51
2271	Highly Efficient Brønsted Acid-Catalyzed Cycloisomerizations of Alkynes Bearing Bis(acetoxy) Groups to Indenyl Ketones. <b>2008</b> , 350, 797-801	26
2270	Synthesis of Difurylmethane Derivatives via the Gold-Catalyzed Tandem Cycloisomerization/Dimerization of Epoxide Alkynes. <b>2008</b> , 350, 1275-1280	46
2269	Aerobic Oxidation of Alcohols under Mild Conditions Catalyzed by Novel Polymer-Incarcerated, Carbon-Stabilized Gold Nanoclusters. <b>2008</b> , 350, 1996-2000	74
2268	Gold Catalysis: Synthesis of 3-Acylindenes from 2-Alkynylaryl Epoxides. <b>2008</b> , 350, 2059-2064	110
2267	Substituent Effect on the Formation and Their Reactivity of Platinum Carbenoids. <b>2008</b> , 350, 2719-2723	22
2266	Platinum-Catalyzed Formation of Cyclic-Ketone-Fused Indoles from N-(2-Alkynylphenyl)lactams. <b>2008</b> , 120, 352-355	38
2265	Gold-Catalyzed Allyl-Allyl Coupling. <b>2008</b> , 120, 1909-1912	23
2264	Platinum-Catalyzed Intramolecular [4C+3C] Cycloaddition between Dienes and Allenes. <b>2008</b> , 120, 965-968	42
2263	PtCl <sub>4</sub> -Catalyzed Domino Synthesis of Fused Bicyclic Acetals. <b>2008</b> , 120, 216-219	31
2262	Goldene Aussichten in der stereoselektiven Katalyse. <b>2008</b> , 120, 2208-2211	196
2261	A Highly Efficient and Selective AuI-Catalyzed Tandem Synthesis of Diversely Substituted Pyrrolo[1,2-a]quinolines in Aqueous Media. <b>2008</b> , 120, 3865-3870	45
2260	Homogeneous Catalytic Hydroamination of Alkynes and Allenes with Ammonia. <b>2008</b> , 120, 5302-5306	121
2259	Verknüpfung der Konzepte: duale Katalyse mit carbophilen Lewis-Säuren. <b>2008</b> , 120, 5787-5789	30
2258	Gold(I)-Catalyzed Alkoxyhalogenation of $\alpha$ -Hydroxy- $\beta,\beta$ -Difluoroyrones. <b>2008</b> , 120, 8045-8048	53
2257	Katalysatoren für die Sonogashira-Kupplung: Edle Metalle auf dem Vormarsch. <b>2008</b> , 120, 7060-7063	70

- 2256 The Role of Bent Acyclic Allene Gold Complexes in Axis-to-Center Chirality Transfers. **2008**, 120, 7644-7648 37
- 2255 High Noon in der Gold-Katalyse: Carben versus Carbokation. **2008**, 120, 6856-6858 127
- 2254 Synthesis of Spiroquinolines through a One-Pot Multicatalytic and Multicomponent Cascade Reaction. **2008**, 120, 7152-7155 28
- 2253 Gold(I)-Catalyzed Tandem Reactions Initiated by 1,2-Indole Migrations. **2008**, 120, 7464-7467 30
- 2252 Gold-Catalyzed Waste-Free Generation and Reaction of Azomethine Ylides: Internal Redox/Dipolar Cycloaddition Cascade. **2008**, 120, 7148-7151 81
- 2251 cis-Selective Single-Cleavage Skeletal Rearrangement of 1,6-Enynes Reveals the Multifaceted Character of the Intermediates in Metal-Catalyzed Cycloisomerizations. **2008**, 120, 8010-8013 24
- 2250 Gold-Catalyzed Cycloisomerization of Cyclopropyl Alkynyl Acetates: A Versatile Approach to 5-, 6-, and 7-Membered Carbocycles. **2008**, 120, 10264-10267 24
- 2249 IR spectroscopic investigation of cis-(CH<sub>3</sub>)<sub>2</sub>Au(O,O'-acac) and cis-(CD<sub>3</sub>)<sub>2</sub>Au(O,O'-acac). **2008**, 71, 969-74 1
- 2248 Cyclic (Alkyl)(amino)carbene Gold(I) complexes: A Synthetic and Structural Investigation. **2008**, 693, 1674-1682 120
- 2247 Unprecedented coordination chemistry of a chloro(phosphine)gold(I) complex: [(Ad<sub>2</sub>BnP)<sub>2</sub>Au][AuCl<sub>2</sub>]. **2008**, 11, 409-412 20
- 2246 Recent advances in syntheses of heterocycles and carbocycles via homogeneous gold catalysis. Part 1: Heteroatom addition and hydroarylation reactions of alkynes, allenes, and alkenes. **2008**, 64, 3885-3903 493
- 2245 Lewis acid-catalyzed Meyer-Schuster reactions: methodology for the olefination of aldehydes and ketones. **2008**, 64, 6988-6996 56
- 2244 Gold-catalysed reactions of alcohols: isomerisation, inter- and intramolecular reactions leading to C-C and C-heteroatom bonds. **2008**, 64, 5815-5849 384
- 2243 Recent studies on the reactions of  $\beta$ -diazocarbonyl compounds. **2008**, 64, 6577-6605 659
- 2242 Recent advances in syntheses of carbocycles and heterocycles via homogeneous gold catalysis. Part 2: Cyclizations and cycloadditions. **2008**, 64, 7847-7870 297
- 2241 Regioselective transformation of alkynes into cyclic acetals and thioacetals with a gold(I) catalyst: comparison with Brønsted acid catalysts. **2008**, 64, 7902-7909 66
- 2240 Intramolecular hetero-Diels-Alder reaction of 1-oxa-1,3-butadienes with terminal acetylenes in aqueous media using CuI. **2008**, 64, 10924-10929 45
- 2239 Cycloisomerization of (arene)chromium complexes with enyne by gold(I) catalyst for axially chiral biaryls. **2008**, 64, 11756-11762 21

2238	First examples of gold nanoparticles catalyzed silane alcoholysis and silylative pinacol coupling of carbonyl compounds. <b>2008</b> , 49, 3221-3224	50
2237	An efficient glycosylation protocol with glycosyl ortho-alkynylbenzoates as donors under the catalysis of Ph <sub>3</sub> PAuOTf. <b>2008</b> , 49, 3604-3608	233
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2235	A facile gold(I)-catalysed intramolecular alkyne hydroarylation approach to methyl 5-amino-2H-1-benzopyran-8-carboxylate derivatives. <b>2008</b> , 49, 6279-6281	29
2234	Gold(I)-catalyzed reactions: substituents-dependent selective formation of bisfurans and 1,3-diketones from 1-alkynyl-2,3-epoxy alcohols. <b>2008</b> , 49, 6437-6439	30
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2229	Recent advances in immobilized metal catalysts for environmentally benign oxidation of alcohols. <b>2008</b> , 3, 196-214	254
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2227	Gold-catalyzed 1,3-addition of a sp <sup>3</sup> -hybridized C-H bond to alkenylcarbenoid intermediate. <b>2008</b> , 130, 16488-9	127
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2224	Supported gold nanoparticles as catalysts for organic reactions. <b>2008</b> , 37, 2096-126	1579
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2219	Au-catalyzed cyclization of monoallylic diols. <b>2008</b> , 10, 669-71	109
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2216	Ligand effects in homogeneous Au catalysis. <i>Chemical Reviews</i> , <b>2008</b> , 108, 3351-78	68.1 1865
2215	Synthesis and structural characterization of stable organogold(I) compounds. Evidence for the mechanism of gold-catalyzed cyclizations. <b>2008</b> , 130, 17642-3	261
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2212	Luminescent goldI carbenes from 2-pyridylisocyanide complexes: structural consequences of intramolecular versus intermolecular hydrogen-bonding interactions. <b>2008</b> , 47, 1616-24	45
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2205	Gold-catalyzed organic transformations. <i>Chemical Reviews</i> , <b>2008</b> , 108, 3239-65	68.1 1750
2204	The dehydro-Diels-Alder reaction. <i>Chemical Reviews</i> , <b>2008</b> , 108, 2051-63	68.1 279
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2201	Selective oxidation using gold. <b>2008</b> , 37, 2077-95		604
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2198	Coinage metal-assisted synthesis of heterocycles. <i>Chemical Reviews</i> , <b>2008</b> , 108, 3395-442	68.1	1034
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2195	Gold- and silver-mediated cycloisomerizations of N-propargylamides. <b>2008</b> , 10, 4379-82		70
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2193	$\pi$ -Acidic alkene ligand effects in Pd-catalysed cross-coupling processes: exploiting the interaction of dibenzylidene acetone (dba) and related ligands with Pd(0) and Pd(II). <b>2008</b> , 6, 3645-56		84
2192	Oxidation of glycerol and propanediols in methanol over heterogeneous gold catalysts. <b>2008</b> , 10, 408		92
2191	Gold-catalyzed cycloisomerizations of enynes: a mechanistic perspective. <i>Chemical Reviews</i> , <b>2008</b> , 108, 3326-50	68.1	1808
2190	Gold catalysis in total synthesis. <b>2008</b> , 37, 1766-75		845
2189	Mechanistic insights into the gold-catalyzed cycloisomerization of bromoallenyl ketones: ligand-controlled regioselectivity. <b>2008</b> , 130, 6940-1		230
2188	Carbonyl and olefin adducts of coinage metals supported by poly(pyrazolyl)borate and poly(pyrazolyl)alkane ligands and silver mediated atom transfer reactions. <i>Chemical Reviews</i> , <b>2008</b> , 108, 3223-38	68.1	163
2187	Organometallics: transition metals in organic synthesis. <b>2008</b> , 104, 68		3
2186	Gold mediated glycosylations: selective activation of propargyl 1,2-orthoesters in the presence of aglycones containing a propargyl moiety. <b>2008</b> , 4282-4		39
2185	First total synthesis of (R,R)- and (3R,5S,9R)-bejarol by gold-catalyzed allene cycloisomerization and determination of absolute configuration of the natural product. <b>2008</b> , 6, 3573-9		58

2184	Gold-catalyzed intermolecular addition of alcohols toward the allenic bond of 4-vinylidene-2-oxazolidinones. <b>2008</b> , 6, 4105-7	31
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2182	Gold(I)-catalyzed intramolecular hydroamination of unactivated C=C bonds with alkyl ammonium salts. <b>2008</b> , 2741-3	68
2181	Gold-catalyzed intramolecular trans-allylsilylation of alkynes forming 3-allyl-1-silaindenes. <b>2008</b> , 2744-6	56
2180	Rh(II)-catalyzed skeletal reorganization of enynes involving selective cleavage of C-C triple bonds. <b>2008</b> , 2906-7	31
2179	Gold-catalyzed efficient tandem assembly of terminal alkynes and arynes: synthesis of alkynylated biphenyl derivatives. <b>2008</b> , 4810-2	39
2178	Au-catalyzed synthesis of 5,6-dihydro-8H-indolizin-7-ones from N-(pent-2-en-4-ynyl)-beta-lactams. <b>2008</b> , 10, 5187-90	52
2177	Gold-catalyzed double migration-benzannulation cascade toward naphthalenes. <b>2008</b> , 10, 1465-8	97
2176	Cyclization of nonterminal alkynic beta-keto esters catalyzed by gold(I) complex with a semihollow, end-capped triethynylphosphine ligand. <b>2008</b> , 10, 5051-4	55
2175	Gold-catalyzed deoxygenative nazarov cyclization of 2,4-dien-1-als for stereoselective synthesis of highly substituted cyclopentenes. <b>2008</b> , 130, 16417-23	78
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2172	(Triphenyl phosphite)gold(I)-catalyzed intermolecular hydroamination of alkenes and 1,3-dienes. <b>2008</b> , 10, 2919-22	102
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2170	Au(I)-catalyzed efficient synthesis of functionalized bicyclo[3.2.0]heptanes. <b>2008</b> , 130, 6944-5	104
2169	Gold(I)-catalyzed intramolecular hydroarylation of allenes. <b>2008</b> , 73, 2439-41	97
2168	Au(I)- and Pt(II)-catalyzed cycloetherification of omega-hydroxy propargylic esters. <b>2008</b> , 10, 2533-6	64
2167	Gold-catalyzed cycloisomerization of N-Propargylindole-2-carboxamides: application toward the synthesis of lavendamycin analogues. <b>2008</b> , 10, 3631-4	109

2166	Gold(I)-catalyzed divergence in the reactivity of 3-silyloxy 1,6-enynes: pinacol-terminated vs claisen-terminated cyclization cascades. <b>2008</b> , 10, 2605-7	85
2165	Catalytic Behavior of Individual Au Nanocrystals in the Local Anodic Oxidation of Si Surfaces. <b>2008</b> , 112, 13311-13316	7
2164	PtCl <sub>2</sub> -catalyzed tandem triple migration reaction toward (Z)-1,5-dien-2-yl esters. <b>2008</b> , 10, 3919-22	51
2163	Gold-catalyzed [4+3]-annulation of oxabicyclic benzenes with 2-substituted allylsilanes through tandem allylation and cyclization. <b>2008</b> , 10, 521-4	35
2162	Diversity in gold- and silver-catalyzed cycloisomerization of epoxide-alkyne functionalities. <b>2008</b> , 10, 5059-62	122
2161	Gold(I)-catalyzed cycloisomerization of 1,7- and 1,8-enynes: application to the synthesis of a new allocolchicinoid. <b>2008</b> , 73, 5163-6	56
2160	Synthesis of 2-cyclohexenone derivatives via gold(I)-catalyzed hydrative cyclization of 1,6-diynes. <b>2008</b> , 73, 7811-3	55
2159	Novel gold(III) polymer-supported catalyst for indole library synthesis. <b>2008</b> , 10, 355-7	38
2158	Gold(I) ethylene and copper(I) ethylene complexes supported by a polyhalogenated triazapentadienyl ligand. <b>2008</b> , 47, 4448-50	86
2157	Indium-mediated regio- and chemoselective synthesis of alpha-hydroxyalkyl allenic esters and gold-catalyzed cyclizations to ethyl 2-naphthoate derivatives. <b>2008</b> , 10, 3359-62	61
2156	Synthesis of azepines by a gold-catalyzed intermolecular [4 + 3]-annulation. <b>2008</b> , 130, 9244-5	211
2155	Synthesis and structural characterization of isolable phosphine coinage metal $\pi$ -complexes. <b>2008</b> , 105, 2779-2782	141
2154	A porphyrin complex of gold(I): (phosphine)gold(I) azides as cation precursors. <b>2008</b> , 105, 14293-7	25
2153	Organometallic catalysts in synthetic organic chemistry: From reactions in aqueous media to gold catalysis. <b>2008</b> , 80, 831-844	16
2152	Reactions of Gold(I) Acetylides with 1,1'-Diisocyanoferrrocene: From Orthodox to Unorthodox Behavior. <b>2008</b> , 27, 6419-6426	14
2151	Gold in Homogeneous Catalysis. <b>2008</b> ,	1
2150	Coprecipitated Gold $\mu$ tricobalt Tetraoxide Catalyst for Heterogeneous Hydroformylation of Olefins. <b>2008</b> , 37, 1290-1291	13
2149	Metal-Catalyzed Heterocyclization: Formation of Five- and Six-Membered Oxygen Heterocycles through Carbon-Oxygen Bond Forming Reactions. <b>2009</b> , 78, 2661	31

2148	Heterogeneous Au and Rh catalysts for cycloisomerization reactions of $\beta$ -acetylenic carboxylic acids. <b>2009</b> , 81, 2387-2396	15
2147	An Efficient Domino Approach for the Synthesis of Multisubstituted Pyrroles via Gold/Silver-Catalyzed Amination/Cycloisomerization of (Z)-2-En-4-yn-1-ols. <b>2009</b> , 351, 129-134	96
2146	Ligand-Free Silver(I)-Catalyzed Intramolecular Friedel-Crafts Alkylation of Arenes with Allylic Alcohols. <b>2009</b> , 351, 319-324	31
2145	Gold(I) Complexes of KITPHOS Monophosphines: Efficient Cycloisomerisation Catalysts. <b>2009</b> , 351, 576-582	75
2144	Synthesis of Trisubstituted Pyrroles from Rhodium-Catalyzed Alkyne Head-to-Tail Dimerization and Subsequent Gold-Catalyzed Cyclization. <b>2009</b> , 351, 1371-1377	67
2143	Stereochemical Control by an Ester Group or Olefin Ligand in Platinum-Catalyzed Carboalkoxylation of 6-(1-Alkoxyethoxy)-hex-2-ynoates. <b>2009</b> , 351, 1089-1100	21
2142	Cyclobutenes as Isolable Intermediates in the Gold(I)-Catalysed Cycloisomerisation of 1,8-Enynes. <b>2009</b> , 351, 379-386	70
2141	Gold-Catalyzed Intermolecular Reactions of (Z)-Enynols with Indoles for the Construction of Dihydrocyclohepta[b]indole Skeletons through a Cascade Friedel-Crafts/Hydroarylation Sequence. <b>2009</b> , 351, 1517-1522	111
2140	Gold Catalysis: Efficient 1,3-Induction with Diastereotopic Homopropargyl Alcohols in the Phenol Synthesis. <b>2009</b> , 351, 2469-2481	24
2139	Efficient Propargylation of Aldehydes and Ketones Catalyzed by Titanocene(III). <b>2009</b> , 351, 2295-2300	54
2138	Gold- and Silver-Catalyzed Intramolecular Hydroamination of Terminal Alkynes: Water-Triggered Chemo- and Regioselective Synthesis of Fused Tricyclic Xanthines. <b>2009</b> , 351, 2770-2778	50
2137	Gold Catalysis: Anellated Heterocycles and Dependency of the Reaction Pathway on the Tether Length. <b>2009</b> , 351, 2855-2875	70
2136	Formkontrolle bei der Synthese von Metallnanokristallen: einfache Chemie, komplexe Physik?. <b>2009</b> , 121, 62-108	389
2135	Ein hoch gespannter planar-chiraler Platinacyclus zur katalytischen Aktivierung interner Olefine bei Friedel-Crafts-Alkylierungen von Indolen. <b>2009</b> , 121, 612-615	51
2134	Highly Efficient and Regioselective Platinum(II)-Catalyzed Tandem Synthesis of Multiply Substituted Indolines and Tetrahydroquinolines. <b>2009</b> , 121, 2403-2407	12
2133	Selective Isomerization of Epoxides to Allylic Alcohols Catalyzed by TiO <sub>2</sub> -Supported Gold Nanoparticles. <b>2009</b> , 121, 3179-3182	18
2132	Redoxökonomie in der organischen Synthese. <b>2009</b> , 121, 2896-2910	177
2131	Gold-Catalyzed Homogeneous Oxidative Cross-Coupling Reactions. <b>2009</b> , 121, 3158-3161	131

2130	Gold-Katalyse: Umlenken des Reaktionspfades der Furan-Alkin- Cyclisierung. <b>2009</b> , 121, 5962-5966	41
2129	Heterogeneous Catalyzed Pyridine Synthesis using Montmorillonite and Nanoparticle-Impregnated Alumina in a Continuous Micro Flow System. <b>2009</b> , 32, 1799-1805	16
2128	Gold- and platinum-catalyzed cycloisomerization of enynyl esters versus allenyl esters: an experimental and theoretical study. <b>2009</b> , 15, 3243-60	122
2127	Regioselectivity control in the metal-catalyzed O-C functionalization of gamma-allenols, part 1: Experimental study. <b>2009</b> , 15, 1901-8	59
2126	Highly efficient access to bi- and tricyclic ketals through gold-catalyzed tandem reactions of 4-acyl-1,6-diynes. <b>2009</b> , 15, 1830-4	39
2125	Asymmetric gold-catalyzed hydroarylation/cyclization reactions. <b>2009</b> , 15, 1319-23	141
2124	A cationic gold(I) complex as a general catalyst for the intermolecular hydroamination of alkynes: application to the one-pot synthesis of allenes from two alkynes and a sacrificial amine. <b>2009</b> , 15, 3056-60	134
2123	Gold-catalyzed stereocontrolled synthesis of 2,3-bis(acetoxy)-1,3-dienes. <b>2009</b> , 15, 5904-8	45
2122	Gold-catalyzed intramolecular [3+2] cycloadditions of 1-aryl-1-allene-6-enes. <b>2009</b> , 15, 8895-901	34
2121	Gold-catalyzed reactions of 1,5- and 1,6-enynes with carbonyl compounds: cycloaddition vs. metathesis. <b>2009</b> , 15, 5646-50	85
2120	The asymmetric aza-Claisen rearrangement: development of widely applicable pentaphenylferrocenyl palladacycle catalysts. <b>2009</b> , 15, 8722-41	101
2119	Gold- or platinum-catalyzed cascade processes of alkynol derivatives involving hydroalkoxylation reactions followed by Prins-type cyclizations. <b>2009</b> , 15, 11660-7	83
2118	Structure and bonding in neutral and cationic 14-electron gold alkyne pi complexes. <b>2009</b> , 15, 8558-65	103
2117	Oxidative interception of the hydroamination pathway: a gold-catalyzed diamination of alkenes. <b>2009</b> , 15, 10563-9	150
2116	Gold activation of nitriles: catalytic hydration to amides. <b>2009</b> , 15, 8695-7	157
2115	An unusual access to medium sized cycloalkynes by a new gold(I)-catalysed cycloisomerisation of diynes. <b>2009</b> , 15, 8966-70	92
2114	Facile synthesis of gold icosahedra in an aqueous solution by reacting H <sub>2</sub> AuCl <sub>4</sub> with N-vinyl pyrrolidone. <b>2009</b> , 15, 13181-7	47
2113	A gold-catalyzed cascade reaction involving an unusual intramolecular redox process. <b>2009</b> , 15, 8121-3	36

2112	Gold catalysis: enantiotopos selection. <b>2009</b> , 15, 13318-22	73
2111	Gold-catalyzed endo-cyclizations of 1,4-diyne to seven-membered ring heterocycles. <b>2009</b> , 15, 13323-6	78
2110	Liposomes by polymerization of an imidazolium ionic liquid: use as microreactors for gold-catalyzed alcohol oxidation. <b>2009</b> , 15, 13082-9	23
2109	Homogeneous versus supported ONN pincer-type gold and palladium complexes: catalytic activity. <b>2009</b> , 2, 650-7	22
2108	Gold(I) Complexes of N-Heterocyclic Carbenes and Pyridines. <b>2009</b> , 2009, 1950-1959	31
2107	Noble Reactions for the Actinides: Safe Gold-Based Access to Organouranium and Azido Complexes. <b>2009</b> , 2009, 1451-1455	46
2106	Water Soluble Phosphane-Gold(I) Complexes. Applications as Recyclable Catalysts in a Three-component Coupling Reaction and as Antimicrobial and Anticancer Agents. <b>2009</b> , 2009, 3421-3430	59
2105	Preparation of Triaryl- and Triheteroarylmethanes under Ytterbium Triflate Catalysis and Solvent-Free Conditions. <b>2009</b> , 2009, 1132-1135	44
2104	AuCl <sub>3</sub> -Catalyzed Hydroalkoxylation of Conjugated Alkynoates: Synthesis of Five- and Six-Membered Cyclic Acetals. <b>2009</b> , 2009, 1698-1706	39
2103	Synthesis of Benzazepines by Gold-Catalysed Reactions of N-Allenylamides. <b>2009</b> , 2009, 5057-5062	28
2102	Silver and Gold Catalysis for Cycloisomerization Reactions. <b>2009</b> , 2009, 6075-6089	212
2101	Bismuth(III) Chloride Catalyzed Cycloisomerization of Enynes. <b>2009</b> , 2009, 5505-5508	14
2100	Platinum-Catalyzed Multisubstituted Benzo[b]selenophene Synthesis. <b>2009</b> , 2009, 5509-5512	38
2099	Force field for copper clusters and nanoparticles. <b>2009</b> , 30, 2255-66	0
2098	Gold-Catalyzed Cycloaromatization of 2,4-Dien-6-yne Carboxylic Acids: Synthesis of 2,3-Disubstituted Phenols and Unsymmetrical Bi- and Terphenyls. <b>2009</b> , 121, 5642-5645	17
2097	Katalytische Funktionalisierung von Indolen in einer neuen Dimension. <b>2009</b> , 121, 9786-9824	309
2096	Mechanistic Surprises in the Gold(I)-Catalyzed Intramolecular Hydroarylation of Allenes. <b>2009</b> , 121, 5843-5846	126
2095	Evolution of Propargyl Ethers into Allylgold Cations in the Cyclization of Enynes. <b>2009</b> , 121, 6268-6271	31

2094	Platinum-Catalyzed Intramolecular Cyclizations of Alkynes: Efficient Synthesis of Pyrroloazepinone Derivatives. <b>2009</b> , 121, 7348-7352	11
2093	Gold trifft Palladium ff Kreuzkupplungen. <b>2009</b> , 121, 8392-8395	83
2092	Gold-Katalyse: Isolierung von Vinylgold-Komplexen ausgehend von Alkinen. <b>2009</b> , 121, 8396-8398	120
2091	Enantioselective One-Pot Organocatalytic Michael Addition/Gold-Catalyzed Tandem Acetalization/Cyclization. <b>2009</b> , 121, 9085-9088	65
2090	Gold- or Platinum-Catalyzed Synthesis of Sulfur Heterocycles: Access to Sulfur Ylides without Using Sacrificial Functionality. <b>2009</b> , 121, 8522-8525	46
2089	Enantioselective Gold-Catalyzed Allylic Alkylation of Indoles with Alcohols: An Efficient Route to Functionalized Tetrahydrocarbazoles. <b>2009</b> , 121, 9697-9701	113
2088	Direct Alkynylation of Indole and Pyrrole Heterocycles. <b>2009</b> , 121, 9510-9513	125
2087	Shape-controlled synthesis of metal nanocrystals: simple chemistry meets complex physics?. <b>2009</b> , 48, 60-103	443 <sup>1</sup>
2086	A highly strained planar-chiral platinacycle for catalytic activation of internal olefins in the Friedel-Crafts alkylation of indoles. <b>2009</b> , 48, 604-6	134
2085	Highly efficient and regioselective platinum(II)-catalyzed tandem synthesis of multiply substituted indolines and tetrahydroquinolines. <b>2009</b> , 48, 2367-71	46
2084	Selective isomerization of epoxides to allylic alcohols catalyzed by TiO <sub>2</sub> -supported gold nanoparticles. <b>2009</b> , 48, 3133-6	75
2083	Redox economy in organic synthesis. <b>2009</b> , 48, 2854-67	617
2082	Gold-catalyzed homogeneous oxidative cross-coupling reactions. <b>2009</b> , 48, 3112-5	298
2081	Gold catalysis: switching the pathway of the furan-yne cyclization. <b>2009</b> , 48, 5848-52	108
2080	Gold-catalyzed cycloaromatization of 2,4-dien-6-yne carboxylic acids: synthesis of 2,3-disubstituted phenols and unsymmetrical bi- and terphenyls. <b>2009</b> , 48, 5534-7	53
2079	Catalytic functionalization of indoles in a new dimension. <b>2009</b> , 48, 9608-44	1104
2078	Mechanistic surprises in the gold(I)-catalyzed intramolecular hydroarylation of allenes. <b>2009</b> , 48, 5733-6	252
2077	Evolution of propargyl ethers into allylgold cations in the cyclization of enynes. <b>2009</b> , 48, 6152-5	91

2076	Platinum-catalyzed intramolecular cyclizations of alkynes: efficient synthesis of pyrroloazepinone derivatives. <b>2009</b> , 48, 7212-6	54
2075	Gold and palladium combined for cross-coupling. <b>2009</b> , 48, 8243-6	164
2074	Gold catalysis: isolation of vinylgold complexes derived from alkynes. <b>2009</b> , 48, 8247-9	258
2073	Enantioselective one-pot organocatalytic Michael addition/gold-catalyzed tandem acetalization/cyclization. <b>2009</b> , 48, 8923-6	135
2072	Gold- or platinum-catalyzed synthesis of sulfur heterocycles: access to sulfur ylides without using sacrificial functionality. <b>2009</b> , 48, 8372-5	121
2071	Enantioselective gold-catalyzed allylic alkylation of indoles with alcohols: an efficient route to functionalized tetrahydrocarbazoles. <b>2009</b> , 48, 9533-7	226
2070	Direct alkylation of indole and pyrrole heterocycles. <b>2009</b> , 48, 9346-9	359
2069	Scope of AuCl <sub>3</sub> in the activation of per-O-acetylglycols. <b>2009</b> , 65, 8139-8142	51
2068	Gold catalysis: benzanellation versus alkylidenecyclopentenone synthesis. <b>2009</b> , 65, 9021-9029	53
2067	Gold-catalyzed consecutive [1,2] alkyl migration-oxygen transfer reaction of 2-alkynyl-1-tetralones. <b>2009</b> , 50, 216-218	14
2066	Gold(I)-catalyzed sequential cycloisomerization/bis-addition of o-ethynylanilines: an efficient access to bis(indolyl)methanes and di(indolyl)indolin-2-ones. <b>2009</b> , 50, 644-647	47
2065	Microwave-assisted gold(I) catalyzed pyran ring opening in brevifloralactone: synthesis of the hawtriwaic acid core. <b>2009</b> , 50, 633-635	2
2064	Au-catalyzed isomerization of cyclopropenes: a novel approach to indene derivatives. <b>2009</b> , 50, 2956-2959	90
2063	Synthesis of polycyclic heterocycles via sequential Au-catalyzed cycloisomerization and Ru-catalyzed metathesis reactions. <b>2009</b> , 50, 3719-3722	21
2062	Gold-catalyzed intramolecular hydroamination of $\beta$ -amino allenamides as a route to enantiopure 2-vinylimidazolidinones. <b>2009</b> , 50, 4696-4699	52
2061	AuPPh <sub>3</sub> Cl/AgOTf-catalyzed reaction of terminal alkynes: nucleophilic addition to activated CO bond. <b>2009</b> , 50, 6053-6056	23
2060	Performance of Gold Nanoparticles Supported on Carbon Nanotubes for Selective Oxidation of Cyclooctene with Use of O <sub>2</sub> and TBHP. <b>2009</b> , 133, 33-40	34
2059	Gold(I) complexes containing ionic phosphine ligands with a cobaltocenium backbone. <b>2009</b> , 34, 103-108	4



2058	One-pot synthesis of arene-fused 2-acylcyclohexenones from propargylic carboxylates. <b>2009</b> , 52, 1337-1344	1
2057	Influence of the exchange-correlation potential on the description of the molecular mechanism of oxygen dissociation by Au nanoparticles. <b>2009</b> , 123, 119-126	45
2056	Gold-catalysed synthesis of polypyrrole. <b>2009</b> , 42, 27-33	20
2055	Support effects in the selective gas phase hydrogenation of p-chloronitrobenzene over gold. <b>2009</b> , 42, 124-132	55
2054	Substituted Bisphosphanilamines as Ligands in Gold(I) Chemistry [Synthesis and Structures. <b>2009</b> , 635, 125-129	12
2053	Electronic communication through mono and multinuclear gold(I) complexes. <b>2009</b> , 109, 2507-2519	4
2052	A bonding model for gold(I) carbene complexes. <b>2009</b> , 1, 482-6	416
2051	Dinuclear gold(III) pyrazolato complexes [Synthesis, structural characterization and transformation to their trinuclear gold(I) and gold(I/III) analogues. <b>2009</b> , 362, 1546-1552	14
2050	Gold-catalyzed cycloisomerizations of ene-ynamides. <b>2009</b> , 65, 1809-1832	77
2049	Gold(I)-catalyzed double migration cascades toward (1E,3E)-dienes and naphthalenes. <b>2009</b> , 65, 1859-1870	62
2048	Gold(I)-catalyzed intermolecular hydroarylation of allenes with nucleophilic arenes: scope and limitations. <b>2009</b> , 65, 1785-1789	58
2047	Cyclization of alkynoic acids with gold catalysts: a surprising dichotomy between AuI and AuIII. <b>2009</b> , 65, 1871-1879	83
2046	PtCl <sub>2</sub> -catalyzed reactions of o-alkynylanilines with ethyl propiolate and dimethyl acetylenedicarboxylate. <b>2009</b> , 65, 1140-1146	48
2045	Gold- and silver-catalyzed allylic alkylation of 1,3-dicarbonyl compounds with allylic alcohols. <b>2009</b> , 65, 1833-1838	32
2044	Gold-catalyzed reactivity of 3-silyloxy-1,5-enynes: a synthetic tool for the synthesis of complex structures and its limitations. <b>2009</b> , 65, 1880-1888	38
2043	Gold catalysis in stereoselective natural product synthesis: (+)-linalool oxide, (R)-isocyclocapitelline, and (R)-isochrysotricine. <b>2009</b> , 65, 1902-1910	52
2042	Synthesis of functionalized carbo- and heterocycles via gold-catalyzed cycloisomerization reactions of enynes. <b>2009</b> , 65, 1911-1918	45
2041	Gold-catalyzed hydrofunctionalization of allenes with nitrogen and oxygen nucleophiles and its mechanistic insight. <b>2009</b> , 65, 1799-1808	94

- 2040 Gold-catalyzed efficient preparation of linear  $\beta$ -haloenones from propargylic acetates. **2009**, 65, 1846-1855 71
- 2039 Gold-catalyzed rearrangement of propargylic tert-butyl carbonates. **2009**, 65, 1889-1901 61
- 2038 A general and efficient synthesis of substituted furans and dihydrofurans via gold-catalyzed cyclization of (Z)-2-en-4-yn-1-ols. **2009**, 65, 1839-1845 69
- 2037 Gold-catalyzed substitution reaction with ortho-alkynylbenzoic acid alkyl ester as an efficient alkylating agent. **2009**, 65, 1774-1784 43
- 2036 Enantiomerically pure tetrahydroisoquinolines by enzyme catalysis and gold-catalyzed phenol synthesis. **2009**, 65, 1919-1927 33
- 2035 Synthesis of cyclic allyl vinyl ethers using Pt(II)-catalyzed isomerization of oxo-alkynes. **2009**, 65, 2643-2648 14
- 2034 Efficient synthesis of pyrano[2,3-c]coumarins via intramolecular domino Knoevenagel hetero-Diels-Alder reactions. **2009**, 65, 4228-4234 43
- 2033 Synthesis of the tetracyclic core skeleton of the lundurines by a gold-catalyzed cyclization. **2009**, 65, 9015-9020 93
- 2032 Efficient synthesis of 3-substituted indoles through a domino gold(I) chloride catalyzed cycloisomerization/C3-functionalization of 2-(alkynyl)anilines. **2009**, 65, 9244-9255 56
- 2031 The influence of electronic factors on Pd-mediated cycloisomerization: a systematic investigation of competitive 6-exo-dig versus 7-endo-dig cyclizations of sugar alkynols. **2009**, 65, 9819-9832 18
- 2030 Gold(I)-catalyzed direct C-H arylation of pyrazine and pyridine with aryl bromides. **2009**, 50, 1478-1481 64
- 2029 Tin(IV) triflimidate-catalyzed cyclization of epoxy esters to functionalized  $\beta$ -hydroxy- $\gamma$ -lactones. **2009**, 50, 2536-2539 19
- 2028 Gold(I)-catalyzed arylmethylation of terminal alkynes. **2009**, 50, 2533-2535 15
- 2027 A facile and regioselective synthesis of 2,5-disubstituted pyrroles via gold-catalyzed cycloisomerization of acetylenylaziridines. **2009**, 50, 6944-6946 51
- 2026 A mild method for the protection of alcohols using a para-methoxybenzylthio tetrazole (PMB-ST) under dual acid/base activation. **2009**, 50, 5267-5269 13
- 2025 An efficient ZnO-catalyzed synthesis of novel indole-annulated thiopyrano-chromene derivatives via Domino Knoevenagel-hetero-Diels-Alder reaction. **2009**, 50, 6723-6727 48
- 2024 A new acidity scale for several N-donor heterocycles as ligands in neutral gold(III) complexes. **2009**, 28, 1079-1084 10
- 2023 Highly efficient gold(III)-catalyzed intermolecular hydroarylation of unactivated alkenes with arenes under mild conditions. **2009**, 694, 494-501 59

2022	Towards asymmetric Au-catalyzed hydroxy- and alkoxy cyclization of 1,6-enynes. <b>2009</b> , 694, 538-545	73
2021	Gold(I)-catalyzed synthesis of (1E,3E)-dienes from propargylic esters. <b>2009</b> , 694, 482-485	23
2020	Synthesis of bis(indolyl)alkanes by a site-selective gold-catalyzed addition of indoles to butynol derivatives. <b>2009</b> , 694, 546-550	64
2019	Reactivity of 3-silyloxy-1,4-enynes: Gold(III)-catalyzed regioselective nucleophilic substitution. <b>2009</b> , 694, 510-514	22
2018	A facile approach to spirocyclic butenolides through cascade cyclization/oxidative cleavage reactions of (Z)-enynols catalyzed by gold under dioxygen atmosphere. <b>2009</b> , 694, 502-509	20
2017	Cationic NHC-gold(I) complexes: Synthesis, isolation, and catalytic activity. <b>2009</b> , 694, 551-560	140
2016	Gold-catalyzed synthesis of 1,3-disubstituted benzenes through tandem allylation/cyclization reaction of alkynals. <b>2009</b> , 694, 566-570	18
2015	Use of ionic liquids in the platinum- and gold-catalyzed cycloisomerization of enyne systems. <b>2009</b> , 694, 561-565	31
2014	Gold(I)-catalyzed [4+2] cycloaddition of N-(hex-5-enynyl) tert-butyloxycarbamates. <b>2009</b> , 694, 515-519	35
2013	Synthesis, structure and reactivity of organogold compounds of relevance to homogeneous gold catalysis. <b>2009</b> , 694, 592-597	258
2012	Gold(III) (C <sup>∧</sup> N) complex-catalyzed synthesis of propargylamines via a three-component coupling reaction of aldehydes, amines and alkynes. <b>2009</b> , 694, 583-591	112
2011	Sequential gold-catalyzed reactions of 1-phenylprop-2-yn-1-ol with 1,3-dicarbonyl compounds. <b>2009</b> , 694, 576-582	28
2010	Gold(III) adducts of 2-vinyl- and 2-ethylpyridine and cyclometallated derivatives of 2-vinylpyridine: Crystal structure of the cyclometallated derivative [Au(k <sup>2</sup> -C,N <sup>∧</sup> CH <sub>2</sub> CH(Cl)C <sub>5</sub> H <sub>4</sub> N)(PPh <sub>3</sub> )Cl][PF <sub>6</sub> ]. <b>2009</b> , 694, 2949-2955	19
2009	Gold complexes as catalysts: Chemoselective hydrogenation of nitroarenes. <b>2009</b> , 356, 99-102	100
2008	Hydroformylation of olefins by Au/Co <sub>3</sub> O <sub>4</sub> catalysts. <b>2009</b> , 92, 411-421	49
2007	Homogeneous gold-catalyzed efficient oxidative dimerization of propargylic acetates. <b>2009</b> , 19, 3884-7	78
2006	Consecutive intramolecular hydroamination/asymmetric transfer hydrogenation under relay catalysis of an achiral gold complex/chiral Brønsted acid binary system. <b>2009</b> , 131, 9182-3	338
2005	Facile and efficient one-pot synthesis of 2-arylbenzoxazoles using hydrogen tetrachloroaurate as catalyst under oxygen atmosphere. <b>2009</b> , 10, 472-8	12

2004	Catalytic skeletal reorganization of enynes through electrophilic activation of alkynes: double cleavage of C-C double and triple bonds. <b>2009</b> , 371-84	180
2003	Reactions of cationic gold(I) with allenoates: synthesis of stable organogold(I) complexes and mechanistic investigations on gold-catalyzed cyclizations. <b>2009</b> , 4, 1230-6	72
2002	Graphite-supported gold nanoparticles as efficient catalyst for aerobic oxidation of benzylic amines to imines and N-substituted 1,2,3,4-tetrahydroisoquinolines to amides: synthetic applications and mechanistic study. <b>2009</b> , 4, 1551-61	156
2001	The Role of Water in Platinum-Catalyzed Cycloisomerization of 1,6-Enynes: A Combined Experimental and Theoretical Gas Phase Study. <b>2009</b> , 1, 138-143	29
2000	N-heterocyclic carbenes in late transition metal catalysis. <i>Chemical Reviews</i> , <b>2009</b> , 109, 3612-76	68.1 2551
1999	Highly regioselective Au(I)-catalyzed hydroamination of ynamides and propiolic acid derivatives with anilines. <b>2009</b> , 11, 4208-11	130
1998	Coinage metal-N-heterocyclic carbene complexes. <i>Chemical Reviews</i> , <b>2009</b> , 109, 3561-98	68.1 880
1997	Liquid crystals of gold(I) N-heterocyclic carbene complexes. <b>2009</b> , 7121-31	37
1996	Au(I)-catalyzed hydrative rearrangement of 1,1-diethynylcarbinol acetates to functionalized cyclopentenones and allenones. <b>2009</b> , 74, 370-4	38
1995	Synthesis of a simplified version of stable bulky and rigid cyclic (alkyl)(amino)carbenes, and catalytic activity of the ensuing gold(I) complex in the three-component preparation of 1,2-dihydroquinoline derivatives. <b>2009</b> , 131, 8690-6	206
1994	C-H bond functionalization via hydride transfer: direct coupling of unactivated alkynes and sp(3) C-H bonds catalyzed by platinum tetraiodide. <b>2009</b> , 131, 16525-8	162
1993	Gold-catalyzed [3+3]-annulation of azomethine imines with propargyl esters. <b>2009</b> , 131, 11654-5	194
1992	Alkenylation of aromatic compounds. <b>2009</b> , 45, 1-17	46
1991	Novel platinum-catalyzed tandem reaction: an efficient approach to construct naphtho[1,2-b]furan. <b>2009</b> , 74, 2224-6	34
1990	Au(I)-Catalyzed cycloisomerizations terminated by sp(3) C-H bond insertion. <b>2009</b> , 131, 2809-11	146
1989	Silver- and gold-catalyzed intramolecular rearrangement of propargylic alcohols tethered with methylenecyclopropanes: stereoselective synthesis of allenylcyclobutanols and 1-vinyl-3-oxabicyclo[3.2.1]octan-8-one derivatives. <b>2009</b> , 74, 9466-9	28
1988	Catalytic reactions of carbene precursors on bulk gold metal. <b>2009</b> , 131, 11734-43	76
1987	Gold complexes with the selenolate ligand [2-(Me <sub>2</sub> NCH <sub>2</sub> )C <sub>6</sub> H <sub>4</sub> Se] <sup>-</sup> . <b>2009</b> , 48, 4134-42	30

1986	Effect of the Support on the Electronic Structure of Au Nanoparticles Supported on Transition Metal Carbides: Choice of the Best Substrate for Au Activation. <b>2009</b> , 113, 19994-20001	23
1985	Oxidative Aromatization of 1,3,5-Trisubstituted Pyrazolines Using Hydrogen Tetrachloroaurate as Catalyst Under an Oxygen Atmosphere. <b>2009</b> , 41, 237-242	9
1984	Gold(I)-catalyzed coupling reactions for the synthesis of diverse small molecules using the build/couple/pair strategy. <b>2009</b> , 131, 5667-74	88
1983	Highly efficient and tunable synthesis of dioxabicyclo[4.2.1] ketals and tetrahydropyrans via gold-catalyzed cycloisomerization of 2-alkynyl-1,5-diols. <b>2009</b> , 11, 5090-2	39
1982	Ion pairing in cationic olefin-gold(I) complexes. <b>2009</b> , 131, 3170-1	124
1981	AuX <sub>3</sub> -mediated selective head-to-head dimerization of difluoropropargyl amides. <b>2009</b> , 74, 7690-6	17
1980	Mechanistic studies and improvement of coinage metal-catalyzed transformation of alkynylloxiranes to furans: an alcohol addition-cyclization-elimination cascade. <b>2009</b> , 74, 5342-8	94
1979	Monomeric copper(I), silver(I), and gold(I) alkyne complexes and the coinage metal family group trends. <b>2009</b> , 131, 11249-55	103
1978	A formal synthesis of porantheridine and an epimer. <b>2009</b> , 74, 9460-5	42
1977	Mechanistic studies on Au(I)-catalyzed [3,3]-sigmatropic rearrangements using cyclopropane probes. <b>2009</b> , 131, 4513-20	197
1976	Gold-catalyzed hydroalkoxylation of alkoxyallenes. <b>2009</b> , 74, 1426-7	39
1975	An Unprecedented Phosphinamidic Gold(III) Metallocycle: Synthesis via Tin(IV) Precursors, Structure, and Multicomponent Catalysis. <b>2009</b> , 28, 1739-1747	49
1974	Fully Relativistic, Comparative Investigation of Gold and Platinum Alkyne Complexes of Relevance for the Catalysis of Nucleophilic Additions to Alkynes. <b>2009</b> , 5, 2717-25	174
1973	Gold(I) chloride coordinated 3-hexyne. <b>2009</b> , 48, 423-5	54
1972	Gold-catalyzed intermolecular Markovnikov hydroamination of allenes with secondary amines. <b>2009</b> , 11, 3166-9	132
1971	Computational Studies on the Pt(II)-Catalyzed Cycloisomerization of 1,6-dienes into Bicyclopropanes: A Mechanistic Quandary Evaluated by DFT. <b>2009</b> , 28, 2038-2045	5
1970	Adsorption and diffusion of Au atoms on the (001) surface of Ti, Zr, Hf, V, Nb, Ta, and Mo carbides. <b>2009</b> , 130, 244706	15
1969	Dinuclear gold-silver resting states may explain silver effects in gold(I)-catalysis. <b>2009</b> , 11, 4962-5	141

- 1968 Gold(I)-catalyzed enantioselective synthesis of benzopyrans via rearrangement of allylic oxonium intermediates. **2009**, 131, 3464-5 152
- 1967 Gold Chloride. **2009**,
- 1966 Sugars, alkaloids, and heteroaromatics: exploring heterocyclic chemistry with alkoxyallenes. **2009**, 42, 45-56 290
- 1965 The Au(I)-catalyzed intramolecular hydroarylation of terminal alkynes under mild conditions: application to the synthesis of 2H-chromenes, coumarins, benzofurans, and dihydroquinolines. **2009**, 74, 8901-3 151
- 1964 Copper-Catalyzed Huisgen [3 + 2] Cycloaddition of Gold(I) Alkynyls with Benzyl Azide. Syntheses, Structures, and Optical Properties. **2009**, 28, 6171-6182 86
- 1963 Platinum-catalyzed dehydroalkoxylation-cyclization cascade via N-O bond cleavage. **2009**, 131, 4198-9 48
- 1962 Neue Impulse aus der Goldkatalyse. **2009**, 57, 379-382 7
- 1961 N-Heterocyclic carbene containing complexes in catalysis. **2009**, 105, 232 60
- 1960 Counterion effects in a gold-catalyzed synthesis of pyrroles from alkynyl aziridines. **2009**, 11, 2293-6 148
- 1959 Gold(I)-catalyzed tandem reactions initiated by hydroamination of alkynyl carbamates: application to the synthesis of nitidine. **2009**, 74, 9158-64 79
- 1958 Platinum-catalyzed cycloisomerization reaction of 1,6-enyne coupling with rearrangement of propargylic esters. **2009**, 74, 474-7 47
- 1957 Development of concerto metal catalysts using apatite compounds for green organic syntheses. **2009**, 2, 655 86
- 1956 Gold-catalyzed synthesis of carbon-bridged medium-sized rings. **2009**, 11, 4236-8 91
- 1955 Gold or no gold: one-pot synthesis of tetrahydrobenz[b]azepin-4-ones from tertiary N-(but-3-ynyl)anilines. **2009**, 11, 1225-8 103
- 1954 Au(I)-catalyzed cycloisomerization reaction of amide- or ester-tethered 1,6-enynes to bicyclo[3.2.0]hept-6-en-2-ones. **2009**, 74, 7922-34 63
- 1953 Gold(I)-catalyzed enantioselective ring expansion of allenylcyclopropanols. **2009**, 131, 9178-9 203
- 1952 Gold and platinum catalysis--a convenient tool for generating molecular complexity. **2009**, 38, 3208-21 1058
- 1951 Cationic gold(I)-mediated intramolecular cyclization of 3-alkyne-1,2-diols and 1-amino-3-alkyn-2-ols: a practical route to furans and pyrroles. **2009**, 11, 5002-5 179

1950	Efficient, regioselective access to bicyclic imidazo[1,2-x]- heterocycles via gold- and base-promoted cyclization of 1-alkynylimidazoles. <b>2009</b> , 74, 9229-32	22
1949	Tandem reactions of cis-2-acyl-1-alkynyl-1-aryl cyclopropanes tuned by gold(I) and silver(I) catalysts: efficient synthesis of pyran-fused indene cores and 2,4,6-trisubstituted phenols. <b>2009</b> , 4726-8	22
1948	Au(I)-catalyzed rearrangement reaction of propargylic aziridine: synthesis of trisubstituted and cycloalkene-fused pyrroles. <b>2009</b> , 11, 4002-4	62
1947	Highly regioselective gold-catalyzed ring-opening allylation and azidation of dihydrofurans. <b>2009</b> , 11, 5034-7	38
1946	Gold-catalyzed homogeneous oxidative C-O bond formation: efficient synthesis of 1-benzoxyvinyl ketones. <b>2009</b> , 131, 5062-3	140
1945	Gold-catalyzed cascade Friedel-Crafts/furan-alkyne cycloisomerizations for the highly efficient synthesis of arylated (Z)-enones or -enals. <b>2009</b> , 11, 3838-41	83
1944	Gold-catalyzed synthesis of 2-aryl-3-fluoropyrroles. <b>2009</b> , 11, 2920-3	49
1943	Probing the Steric Limits of Carbon-Gold Bond Formation: (Dialkylbiarylphosphine)gold(I) Aryls. <b>2009</b> , 28, 1666-1674	63
1942	Mimicking polyolefin carbocyclization reactions: gold-catalyzed intramolecular phenoxycyclization of 1,5-enynes. <b>2009</b> , 11, 2888-91	79
1941	Gold(I)-catalyzed intermolecular oxyarylation of alkynes: unexpected regiochemistry in the alkylation of arenes. <b>2009</b> , 11, 4906-9	137
1940	Generation and trapping of cyclopentenylidene gold species: four pathways to polycyclic compounds. <b>2009</b> , 131, 2993-3006	207
1939	Palladium-Catalyzed Carboauration of Alkynes and Palladium/Gold Cross-Coupling. <b>2009</b> , 28, 1275-1277	129
1938	Gold-catalyzed cyclizations of 1,6-diynes. <b>2009</b> , 11, 2449-52	49
1937	Synthesis and characterization of accessible metal surfaces in calixarene-bound gold nanoparticles. <b>2009</b> , 25, 10548-53	59
1936	Gold(I)-catalyzed intermolecular hydroalkoxylation of allenes: a DFT study. <b>2009</b> , 11, 2237-40	114
1935	Mechanism of the [(NHC)Au(I)]-catalyzed rearrangement of allylic acetates. A DFT study. <b>2009</b> , 11, 81-4	41
1934	Gold(I)-catalyzed cascade cyclization of allenyl epoxides. <b>2009</b> , 11, 3490-2	53
1933	Towards sustainable homogeneous gold catalysis: cycloisomerization of functionalized allenes in water. <b>2009</b> , 11, 1309	50

1932	Alkyne activation with Brønsted acids, iodine, or gold complexes, and its fate leading to synthetic application. <b>2009</b> , 5075-87	269
1931	Metal-catalyzed cycloisomerization reactions of cis-4-hydroxy-5-alkynylpyrrolidinones and cis-5-hydroxy-6-alkynylpiperidinones: synthesis of furo[3,2-b]pyrroles and furo[3,2-b]pyridines. <b>2009</b> , 74, 5523-7	26
1930	Enhancement of reaction efficiency by functionalized alcohols on gold(I)-catalyzed intermolecular hydroalkoxylation of unactivated olefins. <b>2009</b> , 11, 5510-3	52
1929	Intermolecular reaction of internal alkynes and imines: propargyl tosylates as key partners in a gold-catalyzed [4 + 1] unusual cyclization leading to cyclopent-2-enamines. <b>2009</b> , 11, 13-6	72
1928	Gold(III) Adducts with Chiral Pyridinyl-Oxazolines. Synthesis, Reactivity of the Coordinated Ligands, and Structural Characterizations. <b>2009</b> , 28, 7015-7024	22
1927	Stereoselective gold-catalyzed cycloaddition of functionalized ketoenynes: synthesis of (+)-orientalol F. <b>2009</b> , 7327-9	83
1926	Au(PPh <sub>3</sub> )Cl-AgSbF <sub>6</sub> -catalyzed rearrangement of propargylic 1,3-dithianes: formation of 8-membered 1,3-bisthio-substituted cyclic allenes. <b>2009</b> , 2535-7	44
1925	Asymmetric Au(I)-catalyzed synthesis of bicyclo[4.1.0]heptene derivatives via a cycloisomerization process of 1,6-enynes. <b>2009</b> , 6988-90	115
1924	Gold-catalyzed tandem cyclization/Friedel-Crafts type reactions toward furan derivatives. <b>2009</b> , 7, 2501-5	39
1923	Organometallic wheels based on coinage metal ions and norbornene: syntheses and structural characterization of [M(norbornene)(3)][SbF <sub>6</sub> ] (M = Au, Ag, Cu). <b>2009</b> , 6373-5	28
1922	Methyl glycosides are identified as glycosyl donors for the synthesis of glycosides, disaccharides and oligosaccharides. <b>2009</b> , 2505-7	32
1921	Gold-catalyzed cycloisomerization of alk-4-yn-1-ones. <b>2009</b> , 7, 1221-5	72
1920	Gold-catalyzed reaction of enynols by a dimerization-fragmentation process: an expeditious assembly of enyne molecular architecture. <b>2009</b> , 2706-8	13
1919	An unusual gold-catalyzed rearrangement of β-hydroxy epoxides. <b>2009</b> , 10, 1824-1827	10
1918	Liquid phase selective hydrogenation of phthalic anhydride to phthalide over titania supported gold catalysts. <b>2009</b> , 10, 2023-2026	15
1917	Unusual Au(III)-catalyzed dimerization of benzoxazol-2-yloxy enynes: Formation of substituted 1,5-cyclooctadienes. <b>2009</b> , 694, 520-523	5
1916	Triazole-Au(I) complexes: a new class of catalysts with improved thermal stability and reactivity for intermolecular alkyne hydroamination. <b>2009</b> , 131, 12100-2	234
1915	Catalyzed catalysis using carbophilic Lewis acidic gold and Lewis basic palladium: synthesis of substituted butenolides and isocoumarins. <b>2009</b> , 131, 18022-3	206



1914	Gold-catalyzed addition of sulfonic acids to alkynes to form vinyl sulfonates. <b>2009</b> , 1577-9	27
1913	Highly enantioselective synthesis of chiral secondary amines by gold(I)/chiral Brønsted acid catalyzed tandem intermolecular hydroamination and transfer hydrogenation reactions. <b>2009</b> , 11, 4204-7	170
1912	PtCl <sub>2</sub> -catalyzed cycloisomerization of 1,6-enynes for the synthesis of substituted bicyclo[3.1.0]hexanes. <b>2009</b> , 74, 9550-3	34
1911	Platinum and ruthenium chloride-catalyzed cycloisomerization of 1-alkyl-2-ethynylbenzenes: interception of π-activated alkynes with a benzylic C-H bond. <b>2009</b> , 74, 5471-5	112
1910	Gold(I) Hydride Intermediate in Catalysis: Dehydrogenative Alcohol Silylation Catalyzed by Gold(I) Complex. <b>2009</b> , 28, 4829-4840	100
1909	Synthesis of Water-Soluble Dendritic Phosphine Ligands and Their Application to Hydration of Alkynes in Aqueous Media. <b>2009</b> , 82, 261-266	22
1908	Gold, [1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamido-kN](Triphenylphosphine). <b>2009</b>	
1907	Chlorido[3,3'-dibutyl-5,5'-(pyridine-2,6-di-yl)dipyrazol-1-ido]gold(III). <b>2009</b> , 66, m64	1
1906	Modified Gold Nanoparticles and Surfaces. <b>2010</b> , 113-154	0
1905	Silver catalyzed cascade synthesis of alkaloid ring systems: concise total synthesis of fascaplysin, homofascaplysin C and analogues. <b>2010</b> , 46, 4622-4	77
1904	Gold(I)-mediated C-H activation of arenes. <b>2010</b> , 132, 5580-1	107
1903	Sodium tetrachloroaurate(III) dihydrate-catalyzed efficient synthesis of 1,5-benzodiazepine and quinoxaline derivatives. <b>2010</b> , 11, 102-8	7
1902	Au(I)-catalyzed cascade reaction involving formal double hydroamination of alkynes bearing tethered carboxylic groups: an easy access to fused dihydrobenzimidazoles and tetrahydroquinazolines. <b>2010</b> , 75, 5963-75	50
1901	Novel syntheses of bridge-containing organic compounds. <i>Chemical Reviews</i> , <b>2010</b> , 110, 1706-45	68.1 67
1900	Triazolate Counter Ions in AuI Complexes: Catalysts with Improved Thermal Stability. <b>2010</b> , 2, 133-134	21
1899	Gold-Catalyzed Cross-Couplings: New Opportunities for C-C Bond Formation. <b>2010</b> , 2, 493-497	204
1898	Recent Advances in Asymmetric Gold Catalysis. <b>2010</b> , 2, 609-619	326
1897	Creating Chemical Diversity in Indole Compounds by Merging Au and Ru Catalysis. <b>2010</b> , 2, 661-665	29

1896	Double-Peak Catalytic Activity of Nanosized Gold Supported on Titania in Gas-Phase Selective Oxidation of Ethanol. <b>2010</b> , 2, 1535-1538	51
1895	Hydroalkylation of alkynyl ethers via a gold(I)-catalyzed 1,5-hydride shift/cyclization sequence. <b>2010</b> , 132, 3543-52	130
1894	Gold Catalysis and Fluorine. <b>2010</b> , 50, 675-690	28
1893	New route for the synthesis of benzimidazoles by a one-pot multistep process with mono and bifunctional solid catalysts. <b>2010</b> , 66, 730-735	79
1892	Gold catalysed cyclisation reactions of 1,6-diynes triggered by the addition of methanol. <b>2010</b> , 66, 7749-7754	27
1891	Combined organo- and gold-catalyzed enantioselective synthesis of bicyclic enones. <b>2010</b> , 21, 1624-1629	32
1890	Theoretical study of weak CC double bond coordination in a gold (I) catalyst precursor. <b>2010</b> , 957, 21-25	29
1889	Comparison of the Catalytic Activity of Gold Nanoparticles Supported in Ceria and Incarcerated in Styrene Copolymer. <b>2010</b> , 134, 204-209	26
1888	Total catalytic oxidation of methanol on Au/Fe <sub>2</sub> O <sub>3</sub> catalysts. <b>2010</b> , 100, 123	2
1887	Gold(I) Complexes of P,N Ligands and Their Catalytic Activity. <b>2010</b> , 2010, 1063-1069	85
1886	Linear Coinage Metal Complexes Stabilized by a Group 13 Metalloid Ligand. <b>2010</b> , 2010, 4415-4418	9
1885	Synthesis of a New Family of Heteronuclear Thiolate Iron Complexes that Contain Isocyanide Ligands. <b>2010</b> , 2010, 5239-5246	14
1884	Synthesis of Bicyclic Ethers by a Gold/Palladium/Gold-Catalyzed Cyclization/Cross Coupling Sequence. <b>2010</b> , 2010, 311-316	49
1883	Gold(I)-Catalyzed Tandem Rearrangement-Nucleophilic Substitution of $\beta$ -Acetoxy Alkynyl Oxiranes or Aziridines: Efficient Approach to Furans and Pyrroles. <b>2010</b> , 2010, 1644-1647	61
1882	Facile Assembly of Fused Isoquinolines by Gold(I)-Catalyzed Coupling-Cyclization Reactions between <i>o</i> -Alkynylbenzaldehydes and Aromatic Amines Containing Tethered Nucleophiles. <b>2010</b> , 2010, 1999-2007	70
1881	When Organocatalysis Meets Transition-Metal Catalysis. <b>2010</b> , 2010, 2999-3025	530
1880	AuI-Catalyzed Direct Hydroamination/Hydroarylation and Double Hydroamination of Terminal Alkynes. <b>2010</b> , 2010, 4719-4731	53
1879	C(sp <sup>3</sup> )-C(sp <sup>3</sup> ) Bond Breaking in Methylene-cyclopropanes Involving a AuI/AuIII Catalytic Cycle. <b>2010</b> , 2010, 5454-5459	12

1878	An Efficient Synthesis of Polysubstituted Naphthalene Derivatives by Gold-Catalyzed Cyclization of 1-Arylalka-2,3-dienyl Acetates. <b>2010</b> , 2010, 6545-6555	31
1877	Mechanistic Dichotomy with Alkynes in the Formal Hydrohydrazination/Fischer Indolization Tandem Reaction Catalyzed by a Ph <sub>3</sub> PAuNTf <sub>2</sub> /pTSA Binary System. <b>2010</b> , 2010, 6831-6839	39
1876	Gold(I)-Catalyzed One-Pot Tandem Coupling/Cyclization: An Efficient Synthesis of Pyrrolo-/Pyrido[2,1-b]benzo[d][1,3]oxazin- 1-ones. <b>2010</b> , 352, 373-378	49
1875	Gold-Catalyzed Intramolecular Alkyne Cycloisomerization Cascade: Direct Synthesis of Aryl-Annulated[a]carbazoles from Aniline-Substituted Diethynylarenes. <b>2010</b> , 352, 368-372	117
1874	On the Trapping of Vinylgold Intermediates. <b>2010</b> , 352, 971-975	139
1873	Gold/Acid-Cocatalyzed Regiodivergent Preparation of Bridged Ketals via Direct Bis-Oxycyclization of Alkynic Acetonides. <b>2010</b> , 352, 1277-1283	40
1872	New and Easily Accessible Nitrogen Acyclic Gold(I) Carbenes: Structure and Application in the Gold-Catalyzed Phenol Synthesis as well as the Hydration of Alkynes. <b>2010</b> , 352, 1315-1337	177
1871	Scope and Limitations of Palladium-Catalyzed Cross-Coupling Reactions with Organogold Compounds. <b>2010</b> , 352, 1307-1314	102
1870	Synthesis of Substituted 1,2-Dihydropyridines from Propargyl Vinyl Ethers and Allenic Vinyl Ethers by Gold-Catalyzed Claisen Rearrangement and 6E Aza-electrocyclization. <b>2010</b> , 352, 2450-2454	41
1869	Gold(I)-Catalyzed Cycloisomerization of 2-Fluoroalk-3-yn-1-ones: Synthesis of 2,5-Substituted 3-Fluorofurans. <b>2010</b> , 352, 2761-2766	24
1868	A Critical Comparison: Copper, Silver, and Gold. <b>2010</b> , 357-379	22
1867	Silver-Catalyzed Cycloisomerization Reactions. <b>2010</b> , 143-165	8
1866	Sulfur- and Selenium-Containing Ferrocenyl Ligands. <b>2010</b> , 257-282	2
1865	Transition Metal-Catalyzed Synthesis of Monocyclic Five-Membered Aromatic Heterocycles. <b>2010</b> , 227-316	4
1864	Gold(I)- and Yb(OTf) <sub>3</sub> -cocatalyzed rearrangements of epoxy alkynes: transfer of a carbonyl group in a five-membered carbocycle. <b>2010</b> , 16, 2496-502	21
1863	Cyclization of propargylic amides: mild access to oxazole derivatives. <b>2010</b> , 16, 956-63	223
1862	Gold(I)-catalyzed glycosylation with glycosyl ortho-alkynylbenzoates as donors: general scope and application in the synthesis of a cyclic triterpene saponin. <b>2010</b> , 16, 1871-82	178
1861	Enantioselective synthesis of cyclopentene carbaldehydes by a direct multicatalytic cascade sequence: carbocyclization of aldehydes with alkynes. <b>2010</b> , 16, 1750-3	111

- 1860 Gold catalysis: in situ EXAFS study of homogeneous oxidative esterification. **2010**, 16, 8012-9 103
- 1859 Boronic acid catalysis for mild and selective [3+2] dipolar cycloadditions to unsaturated carboxylic acids. **2010**, 16, 5454-60 82
- 1858 Metal-arene interactions in dialkylbiarylphosphane complexes of copper, silver, and gold. **2010**, 16, 5324-32 135
- 1857 Construction of 2,3-dihydrofuran cores through the [3+2] cycloaddition of gold alpha-carbonylcarbenoids with alkenes. **2010**, 16, 5803-11 51
- 1856 Gold-catalyzed intramolecular oxidative cross-coupling of nonactivated arenes. **2010**, 16, 4739-43 115
- 1855 Synthesis of polycyclic compounds by a cascade cycloisomerisation/Diels-Alder reaction. **2010**, 16, 7110-2 46
- 1854 On the Dewar-Chatt-Duncanson model for catalytic gold(I) complexes. **2010**, 16, 7231-40 84
- 1853 Gold(I)-catalyzed domino reaction of aziridinyl alkynes. **2010**, 16, 7725-9 24
- 1852 Palladium-catalyzed cross-coupling reactions of organogold(I) reagents with organic electrophiles. **2010**, 16, 9905-9 75
- 1851 Gold catalysis: tandem reactions of diyne-diols and external nucleophiles as an easy access to tricyclic cage-like structures. **2010**, 16, 9846-54 123
- 1850 Gold(I) and Brønsted acid catalyzed intramolecular rearrangements of vinylidenecyclopropanes. **2010**, 16, 10975-9 25
- 1849 Metal-catalyzed cycloetherification reactions of  $\beta$ - and  $\gamma$ -allendiols: chemo-, regio-, and stereocontrol in the synthesis of oxacycles. **2010**, 16, 13243-52 49
- 1848 Development of versatile and silver-free protocols for gold(I) catalysis. **2010**, 16, 13729-40 158
- 1847 Gold-catalyzed annulations of 1-(2,3-butadienyl)-1H-indole derivatives. **2010**, 16, 11827-31 51
- 1846 Gold-catalyzed direct activation of allylic alcohols in the stereoselective synthesis of functionalized 2-vinyl-morpholines. **2010**, 16, 14272-7 83
- 1845 Chemoselektivität und die eigentlichen Reaktivitäten funktioneller Gruppen. **2010**, 122, 270-320 62
- 1844 Sequential Platinum-Catalyzed Cycloisomerization and Cope Rearrangement of Dienynes. **2010**, 122, 425-428 17
- 1843 Stereoselective One-Pot Synthesis of 1-Aminoindanes and 5,6-Fused Azacycles Using a Gold-Catalyzed Redox-Pinacol-Mannich-Michael Cascade. **2010**, 122, 1655-1658 57

1842	Metalltriflimidate sind bessere Katalysatoren für die organische Synthese als Metalltriflate – Der Effekt eines stark delokalisierten Gegenions. <b>2010</b> , 122, 8032-8060	63
1841	Enantioselective Gold Catalysis: Opportunities Provided by Monodentate Phosphoramidite Ligands with an Acyclic TADDOL Backbone. <b>2010</b> , 122, 1993-1997	96
1840	Gold-Catalyzed Halogenation of Aromatics by N-Halosuccinimides. <b>2010</b> , 122, 2072-2076	49
1839	Homogene Gold-Katalyse jenseits von Vermutungen und Annahmen – Charakterisierte Intermediate. <b>2010</b> , 122, 5360-5369	459
1838	Gold-Catalyzed Cycloisomerization Reactions of 2-Tosylaminophenylprop-1-yn-3-ols as a Versatile Approach for Indole Synthesis. <b>2010</b> , 122, 4723-4727	34
1837	Enantioselective Synthesis of (–)-Englerins A and B. <b>2010</b> , 122, 3595-3597	58
1836	Gold-Catalyzed Tandem Cyclization of Dienol Silyl Ethers for the Preparation of Bicyclo[4.3.0]nonane Derivatives. <b>2010</b> , 122, 4365-4368	15
1835	Elektrophile Cyclisierung von 1,5-Eninen. <b>2010</b> , 122, 4765-4768	11
1834	Gold(I)-Catalyzed Addition of Diphenyl Phosphate to Alkynes: Isomerization of Kinetic Enol Phosphates to the Thermodynamically Favored Isomers. <b>2010</b> , 122, 6958-6961	15
1833	Nickel-Catalyzed Regio- and Enantioselective Annulation Reactions of 1,2,3,4-Benzothiazine-1,1(2H)-dioxides with Allenes. <b>2010</b> , 122, 5075-5077	31
1832	Gold(I)-Catalyzed Cycloisomerization of Enynes Containing Cyclopropenes. <b>2010</b> , 122, 6557-6561	19
1831	Direct Alkynylation of Thiophenes: Cooperative Activation of TIPS-BX with Gold and Brønsted Acids. <b>2010</b> , 122, 7462-7465	66
1830	Elementary Steps in Gold Catalysis: The Significance of gem-Diauration. <b>2010</b> , 122, 8644-8648	80
1829	Fluorine-Enabled Cationic Gold Catalysis: Functionalized Hydration of Alkynes. <b>2010</b> , 122, 7405-7410	45
1828	A Modular, Efficient, and Stereoselective Synthesis of Substituted Piperidin-4-ols. <b>2010</b> , 122, 9364-9367	19
1827	Nanostructured Materials as Catalysts: Nanoporous-Gold-Catalyzed Oxidation of Organosilanes with Water. <b>2010</b> , 122, 10291-10293	44
1826	The [4+2], not [2+2], Mechanism Occurs in the Gold-Catalyzed Intramolecular Oxygen Transfer Reaction of 2-Alkynyl-1,5-Diketones. <b>2010</b> , 122, 9318-9321	9
1825	Chemoselectivity and the curious reactivity preferences of functional groups. <b>2010</b> , 49, 262-310	223

1824	Sequential platinum-catalyzed cycloisomerization and Cope rearrangement of dienyne. <b>2010</b> , 49, 415-8	49
1823	Stereoselective one-pot synthesis of 1-aminoindanes and 5,6-fused azacycles using a gold-catalyzed redox-pinacol-Mannich-Michael cascade. <b>2010</b> , 49, 1611-4	138
1822	Metal triflimidates: better than metal triflates as catalysts in organic synthesis--the effect of a highly delocalized counteranion. <b>2010</b> , 49, 7860-88	155
1821	Enantioselective gold catalysis: opportunities provided by monodentate phosphoramidite ligands with an acyclic TADDOL backbone. <b>2010</b> , 49, 1949-53	225
1820	Gold-catalyzed halogenation of aromatics by N-halosuccinimides. <b>2010</b> , 49, 2028-32	172
1819	Homogeneous gold catalysis beyond assumptions and proposals--characterized intermediates. <b>2010</b> , 49, 5232-41	991
1818	Gold-catalyzed cycloisomerization reactions of 2-tosylaminophenylprop-1-yn-3-ols as a versatile approach for indole synthesis. <b>2010</b> , 49, 4619-23	118
1817	Enantioselective synthesis of (-)-englerins A and B. <b>2010</b> , 49, 3517-9	172
1816	Gold-catalyzed tandem cyclization of dienol silyl ethers for the preparation of bicyclo[4.3.0]nonane derivatives. <b>2010</b> , 49, 4269-72	57
1815	Electrophilic cyclization of 1,5-enynes. <b>2010</b> , 49, 4661-4	68
1814	Gold(I)-catalyzed addition of diphenyl phosphate to alkynes: isomerization of kinetic enol phosphates to the thermodynamically favored isomers. <b>2010</b> , 49, 6806-9	47
1813	Nickel-catalyzed regio- and enantioselective annulation reactions of 1,2,3,4-benzothiazine-1,1(2H)-dioxides with allenes. <b>2010</b> , 49, 4955-7	93
1812	Gold(I)-catalyzed cycloisomerization of enynes containing cyclopropenes. <b>2010</b> , 49, 6413-7	79
1811	Direct alkynylation of thiophenes: cooperative activation of TIPS-EBX with gold and Brønsted acids. <b>2010</b> , 49, 7304-7	178
1810	Elementary steps in gold catalysis: the significance of gem-diauration. <b>2010</b> , 49, 8466-70	153
1809	Fluorine-enabled cationic gold catalysis: functionalized hydration of alkynes. <b>2010</b> , 49, 7247-52	130
1808	A modular, efficient, and stereoselective synthesis of substituted piperidin-4-ols. <b>2010</b> , 49, 9178-81	54
1807	Heteroatom-nucleophile-induced C-C fragmentations: synthesis of allenes and entry to domino reactions. <b>2010</b> , 49, 8962-5	31

1806	Nanostructured materials as catalysts: nanoporous-gold-catalyzed oxidation of organosilanes with water. <b>2010</b> , 49, 10093-5	190
1805	The [4+2], not [2+2], mechanism occurs in the gold-catalyzed intramolecular oxygen transfer reaction of 2-alkynyl-1,5-diketones. <b>2010</b> , 49, 9132-5	31
1804	The roles of ligands proton affinity, back donation and metal fragment hardness on the Au-N bond in N-donor heterocycles gold(III) complexes. <b>2010</b> , 29, 767-772	8
1803	Synthesis of neutral gold(III) pyrimidine-complexes and theoretical studies on the proton affinity of the coordinated ligands. <b>2010</b> , 29, 1833-1836	3
1802	Ion pairing in NHC gold(I) olefin complexes: A combined experimental/theoretical study. <b>2010</b> , 695, 2679-2686	38
1801	Synthesis of substituted carbolines via gold(III)-catalyzed cycloisomerization of N-propargylamides. <b>2010</b> , 66, 1496-1502	56
1800	Synthesis of pyrroloazepinones: platinum- and gold-catalyzed cyclization reactions of alkynes. <b>2010</b> , 66, 3341-3352	36
1799	Synthesis of eight-membered hydroquinolines related to alkaloid skeletons via addition of 4-hydroxycoumarin or 4-hydroxypyran-2-one to quinolinium salts. <b>2010</b> , 66, 3678-3681	15
1798	On the catalytic duo PdCl <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> /AuCl(PPh <sub>3</sub> ) that cannot effect a Sonogashira-type reaction: a correction. <b>2010</b> , 51, 301-305	53
1797	Gold-catalyzed C-B bond formation from thiols. <b>2010</b> , 51, 378-381	59
1796	Chiral carbene approach to gold-catalyzed asymmetric cyclization of 1,6-enynes. <b>2010</b> , 51, 404-406	92
1795	Gold(I)-catalyzed one-pot reaction between 2-alkynylanilines and alkynols leading to the formation of C-3-substituted indoles: a case of formal carboamination of alkynes. <b>2010</b> , 51, 1493-1496	41
1794	Palladium-catalyzed oxidative heterocyclodehydration-alkoxycarbonylation of 3-yne-1,2-diols: a novel and expedient approach to furan-3-carboxylic esters. <b>2010</b> , 51, 1663-1665	27
1793	Highly enantioselective Michael-cyclization cascade promoted by synergistic asymmetric aminocatalysis and Lewis acid catalysis. <b>2010</b> , 51, 1742-1744	42
1792	Gold-catalyzed cyclization of enyne-1,6-diols to substituted furans. <b>2010</b> , 51, 1899-1901	27
1791	A new and convenient approach to heterotetracyclic benzoxazocines through addition of 1,3-dicarbonyl compounds to quinolinium salts. <b>2010</b> , 51, 2704-2707	17
1790	Mild and efficient boronic acid catalysis of Diels-Alder cycloadditions to 2-alkynoic acids. <b>2010</b> , 51, 3561-3564	50
1789	A simple and convenient synthesis of substituted furans and pyrroles by CuCl <sub>2</sub> -catalyzed heterocyclodehydration of 3-yne-1,2-diols and N-Boc- or N-tosyl-1-amino-3-yn-2-ols. <b>2010</b> , 51, 3565-3567	25

1788	Gold-catalyzed regioselective intermolecular hydrothiolation of allenes. <b>2010</b> , 51, 4627-4629	39
1787	Gold (I) catalysis of XH bond insertions. <b>2010</b> , 51, 5490-5492	62
1786	Gold-catalyzed rearrangement of substituted allyl aryl ethers. <b>2010</b> , 51, 6666-6669	11
1785	Selective oxidation of glucose versus CO oxidation over supported gold catalysts. <b>2010</b> , 388, 31-36	39
1784	Tunable gas phase hydrogenation of m-dinitrobenzene over alumina supported Au and AuNi. <b>2010</b> , 387, 155-165	49
1783	Visible-light photocatalytic activity of gold nanoparticles supported on template-synthesized mesoporous titania for the decontamination of the chemical warfare agent Soman. <b>2010</b> , 99, 191-197	96
1782	Au/FeOxTiO2 as an efficient catalyst for the selective hydrogenation of phthalic anhydride to phthalide. <b>2010</b> , 21, 1322-1325	9
1781	The Baeyer-Villiger oxidation of ketones: A paradigm for the role of soft Lewis acidity in homogeneous catalysis. <b>2010</b> , 254, 646-660	95
1780	Halo-carbonyl complexes of palladium, platinum and gold. <b>2010</b> , 254, 635-645	24
1779	Solvent-Free Oxidation of Alcohols Catalyzed by a Mn(III) Schiff-Base Complex Using Hydrogen Peroxide as an Oxidant. <b>2010</b> , 31, 615-618	9
1778	. <b>2010</b> ,	67
1777	Gold-Catalyzed Intra- and Intermolecular Cycloadditions of PushPull Dienes. <b>2010</b> , 25-42	0
1776	An Efficient Method to Construct 2-vinylidene Cyclobutanone Derivatives and its Structural Determination. <b>2010</b> , 40, 241-245	7
1775	Construction of methylenecycloheptane frameworks through 7-exo-dig cyclization of acetylenic silyl enol ethers catalyzed by triethynylphosphine-gold complex. <b>2010</b> , 12, 4380-3	52
1774	Gold(I)-catalyzed enantioselective [4 + 2]-cycloaddition of allene-dienes. <b>2010</b> , 12, 200-3	154
1773	Au/Ag-cocatalyzed aldoximes to amides rearrangement under solvent- and acid-free conditions. <b>2010</b> , 75, 1197-202	121
1772	Gold-catalyzed cyclization of alkynylaziridines as an efficient approach toward functionalized N-phth pyrroles. <b>2010</b> , 75, 510-3	62
1771	Mechanistic Comparison of Acid- and Gold(I)-Catalyzed Nucleophilic Addition Reactions to Olefins. <b>2010</b> , 29, 5919-5926	45



- 1770 The use of Br/Cl to promote regioselective gold-catalyzed rearrangement of propargylic carboxylates: an efficient synthesis of (1Z, 3E)-1-bromo/chloro-2-carboxy-1,3-dienes. **2010**, 46, 9179-81 50
- 1769 Unusual approach to branched 3-alkynylamides and to 1,5-dihydropyrrol-2-ones. **2010**, 12, 416-9 33
- 1768 Gold-catalyzed intermolecular hydrophenoxylation of unactivated internal alkynes. **2010**, 75, 2247-58 78
- 1767 Metal-catalyzed transformations of propargylic alcohols into alpha,beta-unsaturated carbonyl compounds: from the Meyer-Schuster and Rupe rearrangements to redox isomerizations. **2010**, 39, 4015-31 137
- 1766 Gold(III)-catalyzed tandem reaction of ketones with phenols: efficient and highly selective synthesis of functionalized 4H-chromenes. **2010**, 75, 1309-12 50
- 1765 Pt-catalyzed tandem 1,2-acyloxy migration/intramolecular [3 + 2] cycloaddition of enynyl esters. **2010**, 132, 1788-9 67
- 1764 Synthesis of Bis(benzo[b]thiophenyl)methanes by Gold-Catalyzed Double Carbothiolation. **2010**, 82, 689 7
- 1763 Covalent gold. **2010**, 12, 8694-705 94
- 1762 Copper-catalyzed rearrangement of (Z)-propynal hydrazones via N-N bond cleavage. **2010**, 12, 4198-200 16
- 1761 Copper N-heterocyclic carbene (NHC) complexes as carbene transfer reagents. **2010**, 46, 6924-5 113
- 1760 An alternative approach to aldol reactions: gold-catalyzed formation of boron enolates from alkynes. **2010**, 132, 5968-9 61
- 1759 Efficient synthesis of E-alpha-haloenones through chemoselective alkyne activation over allene with triazole-Au catalysts. **2010**, 12, 2088-91 124
- 1758 Addition of metal enolate derivatives to unactivated carbon-carbon multiple bonds. *Chemical Reviews*, **2010**, 110, 2366-447 68.1 235
- 1757 Enantioselective [2 + 2 + 2] cycloaddition reaction of isocyanates and allenes catalyzed by nickel. **2010**, 132, 15836-8 62
- 1756 Gold(I)-catalyzed tandem cyclization approach to tetracyclic indolines. **2010**, 12, 1448-51 115
- 1755 Cyclization Accompanied with 1,2-Phenyl Migration in the Protonation of Ruthenium Acetylide Complex Containing an Allenyl Group. **2010**, 29, 6829-6836 19
- 1754 1,2,3-Triazole as a special "X-factor" in promoting hashmi phenol synthesis. **2010**, 12, 344-7 90
- 1753 Intercluster compound between a tetrakis{triphenylphosphinegold(I)}oxonium cation and a keggin polyoxometalate (POM): formation during the course of carboxylate elimination of a monomeric triphenylphosphinegold(I) carboxylate in the presence of POMs. **2010**, 49, 8247-54 33

- 1752 Metalated-Arene-Phosphino Ligands: A Novel Approach to Open-Sided Gold Compounds. **2010**, 29, 6636-6638 11
- 1751 Gold- and platinum-catalyzed formal Markownikoff's double hydroamination of alkynes: a rapid access to tetrahydroquinazolinones and angularly-fused analogues thereof. **2010**, 75, 1277-80 61
- 1750 Solution Calorimetric Study of Ligand Exchange Reactions in the [Au(L)Cl] System (L = Phosphine and Phosphite). **2010**, 29, 4579-4583 27
- 1749 Cationic gold(I)-catalyzed intramolecular cyclization of gamma-hydroxyalkynones into 3(2H)-furanones. **2010**, 75, 2123-6 61
- 1748 Formation of Ruthenium-Substituted Enones from Propargyl Alcohols **2010**, 29, 4829-4836 4
- 1747 Regioselective synthesis of 3-benzazepinones and unexpected 5-bromo-3-benzazepinones. **2010**, 75, 3671-7 60
- 1746 NHC-stabilized gold(I) complexes: suitable catalysts for 6-exo-dig heterocyclization of 1-(o-ethynylaryl)ureas. **2010**, 12, 1900-3 55
- 1745 Stereoselective syntheses of trisubstituted olefins via platinum catalysis: alpha-silylenones with geometrical complementarity. **2010**, 132, 11926-8 76
- 1744 Gold-catalyzed cyclization and subsequent arylidene group transfer of O-propioloyl oximes. **2010**, 12, 2453-5 39
- 1743 Synthesis and catalytic activity of gold chiral nitrogen acyclic carbenes and gold hydrogen bonded heterocyclic carbenes in cyclopropanation of vinyl arenes and in intramolecular hydroalkoxylation of allenes. **2010**, 49, 9758-64 87
- 1742 Gold catalyzed diastereoselective cascade allylation/enyne cycloisomerization to construct densely functionalized oxygen heterocycles. **2010**, 12, 3468-71 36
- 1741 A facile and mild synthesis of enamides using a gold-catalyzed nucleophilic addition to allenamides. **2010**, 12, 1128-31 76
- 1740 An intermolecular hydroamination of allenamides with arylamines catalyzed by cationic Au(I) salts. **2010**, 75, 5406-9 61
- 1739 Mechanism study of the gold-catalyzed cycloisomerization of alpha-aminoallenes: oxidation state of active species and influence of counterion. **2010**, 114, 4689-96 58
- 1738 Regioselective synthesis of tert-allylic ethers via gold(I)-catalyzed intermolecular hydroalkoxylation of allenes. **2010**, 12, 484-7 64
- 1737 Structure and bonding of isoelectronic coinage metal (Cu, Ag, Au) dimethylaminonitrenes in the gas phase. **2010**, 132, 13789-98 56
- 1736 A Novel Fluorinated Gold(I) N-Heterocyclic Carbene Complex: Exploiting Fluorine Stereoelectronic Effects To Control Molecular Topology. **2010**, 29, 4424-4427 32
- 1735 Reaction Mechanism of the Gold(I)-Catalyzed Addition of Phenols to Olefins: A Concerted Process Accelerated by Phenol and Water. **2010**, 29, 3252-3260 65

1734	Gold(I)-catalyzed cycloisomerization of alkynylpropiolactones to substituted $\beta$ -pyrones. <b>2010</b> , 12, 5362-5	47
1733	Gold-catalyzed cascade annulations of 2-(ynol)aryl aldehydes: facile synthesis of benzochromanes and benzobicyclo[n.3.1]acetals. <b>2010</b> , 12, 4640-3	63
1732	Enhanced electrochemiluminescence and charge transport through films of metallopolymer-gold nanoparticle composites. <b>2010</b> , 26, 2130-5	43
1731	Computation-guided development of Au-catalyzed cycloisomerizations proceeding via 1,2-Si or 1,2-H migrations: regiodivergent synthesis of silylfurans. <b>2010</b> , 132, 7645-55	209
1730	Gold-catalyzed benzannulation of 3-alkoxy-1,5-enynes: access to functionalized benzenes. <b>2010</b> , 75, 2903-9	24
1729	Mechanistic study of gold(I)-catalyzed intermolecular hydroamination of allenes. <b>2010</b> , 132, 13064-71	160
1728	Palladium-catalyzed three-component [3 + 2] cycloaddition of propargyl trifluoroacetates, ethylidene malononitriles, and allyltributylstannane. <b>2010</b> , 12, 864-6	6
1727	On the validity of Au-vinylidenes in the gold-catalyzed 1,2-migratory cycloisomerization of skipped propargylpyridines. <b>2010</b> , 12, 5538-41	90
1726	Cooperative catalysis with metal and secondary amine: synthesis of 2-substituted quinolines via addition/cycloisomerization cascade. <b>2010</b> , 75, 6961-4	126
1725	Azaanthraquinone assembly from N-propargylamino quinone via a Au(I)-catalyzed 6-endo-dig cycloisomerization. <b>2010</b> , 75, 4323-5	61
1724	Practical new silyloxy-based alkyne metathesis catalysts with optimized activity and selectivity profiles. <b>2010</b> , 132, 11045-57	244
1723	Azaanthraquinone assembly from N-propargylamino quinone via iodine-induced 6-endo-dig electrophilic cyclization. <b>2010</b> , 8, 4096-103	35
1722	InI <sup>II</sup> or ZnI <sup>II</sup> -catalyzed reaction of hydroxylated 1,5-allenynes with thiols: a new access to 3,5-disubstituted toluene derivatives. <b>2010</b> , 5, 2214-20	13
1721	Percent buried volume for phosphine and N-heterocyclic carbene ligands: steric properties in organometallic chemistry. <b>2010</b> , 46, 841-61	732
1720	Pt(IV)-catalyzed hydroamination triggered cyclization: a strategy to fused pyrrolo[1,2-a]quinoxalines, indolo[1,2-a]quinoxalines, and indolo[3,2-c]quinolines. <b>2010</b> , 75, 3371-80	51
1719	Gold(I)-catalyzed rearrangement of propargyl benzyl ethers: a practical method for the generation and in situ transformation of substituted allenes. <b>2010</b> , 132, 7294-6	122
1718	Gold-catalyzed intramolecular indole/alkyne cyclization cascades through a heterolytic fragmentation: 1,5-indole migration and allenylation. <b>2010</b> , 75, 3526-8	45
1717	Mechanisms of the Au- and Pt-catalyzed intramolecular acetylenic Schmidt reactions: a DFT study. <b>2010</b> , 75, 7842-54	57

- 1716 Gold(I)-catalyzed asymmetric synthesis of planar chiral arene chromium complexes. **2010**, 12, 4788-91 59
- 1715 Diastereoselective gamma-vinyl butyrolactone synthesis via gold catalyzed cyclization of allylic acetate. **2010**, 46, 577-9 23
- 1714 Clicking molecular hooks on silica nanoparticles to immobilize catalytically important metal complexes: the case of gold catalyst immobilization. **2010**, 34, 2662 24
- 1713 Exploring the Scope of Nitrogen Acyclic Carbenes (NACs) in Gold-Catalyzed Reactions. **2010**, 29, 3589-3592 62
- 1712 Copper-mediated cyclization-halogenation and cyclization-cyanation reactions of beta-hydroxyalkynes and o-alkynylphenols and anilines. **2010**, 75, 3412-9 62
- 1711 Synthesis and characterization of organogold complexes containing an acid stable Au-C bond through triazole-yne 5-endo-dig cyclization. **2010**, 46, 6147-9 58
- 1710 Ligand influence in the selective gold-mediated synthesis of allenes. **2010**, 46, 9113-5 47
- 1709 Nitrogen Acyclic Gold(I) Carbenes: Excellent and Easily Accessible Catalysts in Reactions of 1,6-Enynes. **2010**, 29, 951-956 112
- 1708 Gold  $\pi$ -Coordination to Unsaturated and Aromatic Hydrocarbons: The Key Step in Gold-Catalyzed Organic Transformations. **2010**, 29, 2-23 254
- 1707 Relative Kinetic Basicities of Organogold Compounds. **2010**, 29, 1712-1716 84
- 1706 Gold-catalyzed tandem cyclizations of 1,6-diynes triggered by internal N- and O-nucleophiles. **2010**, 75, 4542-53 59
- 1705 Synthetic and Structural Studies of  $[\text{AuCl}_3(\text{NHC})]$  Complexes. **2010**, 29, 394-402 121
- 1704 Novel Sulfonated N-Heterocyclic Carbene Gold(I) Complexes: Homogeneous Gold Catalysis for the Hydration of Terminal Alkynes in Aqueous Media. **2010**, 29, 2484-2490 102
- 1703 Carbo- and heterocyclisation of oxygen- and nitrogen-containing electrophiles by platinum, gold, silver and copper species. **2010**, 8, 960-79 98
- 1702 Mechanistic Insights from the Gas-Phase Reactivity of Phosphorus-Ylid-Supported Benzyldiene Gold Complexes. **2010**, 29, 2994-3000 33
- 1701 Efficient Cycloisomerization of Propargyl Amides by Electrophilic Gold(I) Complexes of KITPHOS Monophosphines: A Comparative Study. **2010**, 29, 4139-4147 58
- 1700 Nanopod formation through gold nanoparticle templated and catalyzed cross-linking of polymers bearing pendant propargyl ethers. **2010**, 132, 15151-3 24
- 1699 Theoretical elucidation of Au(I)-catalyzed cycloisomerizations of cycloalkyl-substituted 1,5-enynes: 1,2-alkyl shift versus C-H bond insertion products. **2010**, 114, 6164-70 40

- 1698 Homogeneous Gold Catalysis: Mechanism and Relativistic Effects of the Addition of Water to Propyne. **2010**, 29, 2206-2210 141
- 1697 Direct synthesis of trisubstituted isoxazoles through gold-catalyzed domino reaction of alkynyl oxime ethers. **2010**, 12, 2594-7 123
- 1696 Heterolytic and heterotopic dissociation of hydrogen on ceria-supported gold nanoparticles. Combined inelastic neutron scattering and FT-IR spectroscopic study on the nature and reactivity of surface hydrogen species. **2010**, 1, 731 80
- 1695 Highly enantioselective relay catalysis in the three-component reaction for direct construction of structurally complex heterocycles. **2010**, 12, 2266-9 180
- 1694 Synthesis of 3-oxa- and 3-azabicyclo[4.1.0]heptanes by gold-catalyzed cycloisomerization of cyclopropenes. **2010**, 12, 4144-7 82
- 1693 Gold-catalyzed cascade cyclization-oxidative alkynylation of allenates. **2010**, 12, 4904-7 107
- 1692 A gallium-catalyzed cycloisomerization/Friedel-Crafts tandem. **2010**, 75, 8435-49 70
- 1691 Gold(I)-catalyzed highly regio- and stereoselective decarboxylative amination of allylic N-tosylcarbamates via base-induced aza-Claisen rearrangement in water. **2010**, 12, 1068-71 36
- 1690 Gold(I)-catalysed cycloisomerisation of 1,6-enynes into functionalised allenes. **2010**, 46, 865-7 62
- 1689 Gold(I)-catalysed alcohol additions to cyclopropenes. **2010**, 8, 4090-5 73
- 1688 Heterometallic cubane-type clusters [M'Mo<sub>3</sub>S<sub>4</sub>] (M' = Au, Ag and Cu): synthesis, structures and electrochemical properties. **2010**, 39, 5658-63 12
- 1687 Preparation and characterization of novel thermoresponsive gold nanoparticles and their responsive catalysis properties. **2010**, 20, 360-368 71
- 1686 Isolation of 1,4-Li(2)-C(6)H(4) and its reaction with [(Ph<sub>3</sub>P)AuCl]. **2010**, 39, 3509-20 11
- 1685 Gold-catalysed room-temperature cycloisomerisation of alkynes and unactivated enolisable ketones. **2010**, 8, 2918-22 23
- 1684 Gold(I)-catalyzed ring expansions of unactivated alkynylcyclopropanes to (e)-2-alkylidenecyclobutanamines in the presence of sulfonamides. **2010**, 12, 804-7 42
- 1683 A versatile gold synthon for acetylene C-H bond activation. **2010**, 39, 10382-90 55
- 1682 Gold(I)/Zn(II) catalyzed tandem hydroamination/annulation reaction of 4-yne-nitriles. **2010**, 46, 8032-4 58
- 1681 One-pot nitro-Mannich/hydroamination cascades for the direct synthesis of 2,5-disubstituted pyrroles using base and gold catalysis. **2011**, 47, 4379-81 54

- 1680 Stereospecificity in the Au-catalysed cyclisation of monoallylic diols. Synthesis of (+)-isoalcoholactone. **2011**, 47, 7659-61 40
- 1679 Gold-catalyzed direct amination of arenes with azodicarboxylates. **2011**, 13, 1872-4 58
- 1678 Gold-catalyzed 1,2-difunctionalizations of aminoalkynes using only N- and O-containing oxidants. **2011**, 133, 15372-5 172
- 1677 Theoretical study on intramolecular allene-diene cycloadditions catalyzed by PtCl<sub>2</sub> and Au(I) complexes. **2011**, 40, 11095-105 18
- 1676 Direct substitution of the hydroxy group with highly functionalized nitrogen nucleophiles catalyzed by Au(III). **2011**, 47, 8322-4 44
- 1675 A trigonal and hindered tertiary phosphine ligand rendered anionic by a niobate anchor: Formation of zwitterionic M(I) (M = Cu, Ag, Au, Rh) complexes. **2011**, 2, 2166 8
- 1674 Catalysts by the meter: rapid screening approach of N-heterocyclic carbene ligand based catalysts. **2011**, 47, 391-3 21
- 1673 Site-specific introduction of gold-carbenoids by intermolecular oxidation of ynamides or ynol ethers. **2011**, 47, 379-81 175
- 1672 Fascinating reactivity in gold catalysis: synthesis of oxetenes through rare 4-exo-dig allene cyclization and infrequent  $\beta$ -hydride elimination. **2011**, 47, 9054-6 64
- 1671 Gold(I)-catalysed synthesis of conjugated trienes. **2011**, 47, 1333-5 59
- 1670 Stereoselective synthesis of tetracyclic indolines via gold-catalyzed cascade cyclization reactions. **2011**, 47, 7803-5 118
- 1669 Gold-catalysed rearrangement of O-vinyl oximes for the synthesis of highly substituted pyrroles. **2011**, 47, 1857-9 52
- 1668 1,2,3-triazole bound Au(I) (TA-Au) as chemoselective catalysts in promoting asymmetric synthesis of substituted allenes. **2011**, 13, 2618-21 78
- 1667 Deposition of gold nanoparticles on organo-kaolinite [Application in electrocatalysis for carbon monoxide oxidation. **2011**, 89, 845-853 10
- 1666 Reversal of selectivity in gold-catalyzed cyclizations of 3,3-disubstituted 1,4-diyne. **2011**, 13, 224-7 48
- 1665 Tandem Cyclization in Ruthenium Vinylidene Complexes with Two Ester Groups. **2011**, 30, 2747-2754 8
- 1664 Cyclization reaction for the synthesis of polysubstituted naphthalenes in the presence of Au(I) precatalysts. **2011**, 76, 7204-15 48
- 1663 Cationic Gold Catalyzes  $\beta$ -Bromination of Terminal Alkynes and Subsequent Hydroaddition Reactions. **2011**, 1, 601-606 31

- 1662 On the memory of chirality in gold(I)-catalyzed intramolecular carboalkoxylation of alkynes. **2011**, 76, 3791-6 40
- 1661 Gold and Brønsted acid catalyzed hydride shift onto allenes: divergence in product selectivity. **2011**, 133, 7696-9 116
- 1660 Gold catalyzed carbocyclization of dienyl acetates to construct multifunctionalized 3-vinyl cyclohexanol derivatives. **2011**, 76, 441-9 12
- 1659 Gold- and iodine-mediated internal oxygen transfer of nitrene- and sulfoxide-functionalized alkynes. **2011**, 76, 8488-94 51
- 1658 Gold(I)-catalyzed synthesis of  $\beta$ -hydroxyketones from 5-allyloxy-1-yne. **2011**, 76, 324-7 19
- 1657 Synthesis of 2-phenylnaphthalenes through gold-catalyzed dimerization via a highly selective carbon nucleophile pathway. **2011**, 76, 4514-21 5
- 1656 Gold-catalyzed deacylative cycloisomerization reactions of 3-acylindole/yne: a new approach for carbazole synthesis. **2011**, 13, 3786-9 62
- 1655 Water-medium and solvent-free organic reactions over a bifunctional catalyst with Au nanoparticles covalently bonded to HS/SO<sub>3</sub>H functionalized periodic mesoporous organosilica. **2011**, 133, 11632-40 149
- 1654 Gold-catalyzed synthesis of benzil derivatives and  $\beta$ -keto imides via oxidation of alkynes. **2011**, 13, 1556-9 183
- 1653 Oxidation of benzylic compounds by gold nanowires at 1 atm O<sub>2</sub>. **2011**, 47, 1303-5 37
- 1652 Gold-Catalyzed O<sub>H</sub> Bond Addition to Unsaturated Organic Molecules. **2011**, 291-324 23
- 1651 Activation of allenes by gold complexes: a theoretical standpoint. **2011**, 302, 157-82 29
- 1650 Solvent controlled mechanistic dichotomy in a Au(III)-catalyzed, heterocyclization triggered, Nazarov reaction. **2011**, 47, 6707-9 48
- 1649 Gold-catalyzed cycloadditions involving allenes: mechanistic insights from theoretical studies. **2011**, 302, 225-48 30
- 1648 Titania supported gold nanoparticles as photocatalyst. **2011**, 13, 886-910 597
- 1647 Diversity-oriented approach to pyrrole-imidazole alkaloid frameworks. **2011**, 13, 1382-5 30
- 1646 Gold(I)-catalyzed diastereo- and enantioselective 1,3-dipolar cycloaddition and Mannich reactions of azlactones. **2011**, 133, 3517-27 151
- 1645 Organogold reactivity with palladium, nickel, and rhodium: transmetalation, cross-coupling, and dual catalysis. **2011**, 44, 603-13 175

- 1644 Direct C-H carboxylation with complexes of the coinage metals. **2011**, 47, 3021-4 131
- 1643 Platinum-catalyzed cycloisomerization of 1,4-enynes via 1,2-alkenyl rearrangement. **2011**, 13, 4992-5 40
- 1642 Gold-catalyzed carbon-heteroatom bond-forming reactions. *Chemical Reviews*, **2011**, 111, 1657-712 68.1 1133
- 1641 P-H activation using alkynylgold substrates: steric and electronic effects. **2011**, 40, 12595-606 19
- 1640 DFT-based mechanistic insights into noble metal-catalyzed rearrangement of propargylic derivatives: chirality transfer processes. **2011**, 302, 81-130 11
- 1639 Gold-catalyzed nucleophilic cyclization of functionalized allenes: a powerful access to carbo- and heterocycles. *Chemical Reviews*, **2011**, 111, 1994-2009 68.1 1020
- 1638 Au-catalyzed synthesis of 2-alkylindoles from N-arylhydroxylamines and terminal alkynes. **2011**, 47, 7815-7 83
- 1637 Effect of size of catalytically active phases in the dehydrogenation of alcohols and the challenging selective oxidation of hydrocarbons. **2011**, 47, 9275-92 85
- 1636 Discovery and mechanistic studies of a general air-promoted metal-catalyzed aerobic N-alkylation reaction of amides and amines with alcohols. **2011**, 76, 5759-73 75
- 1635 Zinc triflate catalyzed aerobic cross-dehydrogenative coupling (CDC) of alkynes with nitrones: a new entry to isoxazoles. **2011**, 13, 2746-9 53
- 1634 Mechanism of the gold-catalyzed cyclopropanation of alkenes with 1,6-enynes. **2011**, 2, 141-149 83
- 1633 Highly regioselective Lewis acid-catalyzed [3+2] cycloaddition of alkynes with donor-acceptor oxiranes by selective carbon-carbon bond cleavage of epoxides. **2011**, 47, 12870-2 36
- 1632 Nickel-Catalyzed Cross-Coupling of Organogold Reagents. **2011**, 30, 1299-1302 40
- 1631 Synthetic applications of gold-catalyzed ring expansions. **2011**, 7, 767-80 63
- 1630 Au-catalyzed piperidine synthesis via tandem acyloxy migration/intramolecular [3 + 2] cycloaddition of enynyl esters. **2011**, 13, 6448-51 34
- 1629 Cascade polycyclisations in natural product synthesis. **2011**, 9, 3997-4006 85
- 1628 Gold(I)-catalyzed synthesis of furans and pyrroles via alkyne hydration. **2011**, 1, 58 68
- 1627 Silver- and gold-mediated domino transformation: a strategy for synthesizing benzo[e]indolo[1,2-a]pyrrolo/pyrido[2,1-c][1,4]diazepine-3,9-diones. **2011**, 76, 1239-49 36



1626	A novel synthesis of fluorinated pyrazoles via gold(I)-catalyzed tandem aminofluorination of alkynes in the presence of Selectfluor. <b>2011</b> , 13, 4220-3	118
1625	Gold-catalyzed decorations of arenes and heteroarenes with C-C multiple bonds. <b>2011</b> , 40, 1358-67	397
1624	Carbocations. <b>2011</b> , 183-202	
1623	Theoretical insights into the superior activity of gold catalysts and reactions of organogold intermediates with electrophiles. <b>2011</b> , 152, 179-84; discussion 203-25	12
1622	First structurally confirmed example of the formation of a gold(III) carbon bond via transmetalation with a boroxine. <b>2011</b> , 40, 11696-7	9
1621	Synthesis of fused carbocycles via a selective 6-endo dig gold(I)-catalyzed carbocyclization. <b>2011</b> , 13, 5580-3	79
1620	CuBr-Catalyzed Coupling of N-Tosylhydrazones and Terminal Alkynes: Synthesis of Benzofurans and Indoles. <b>2011</b> , 13, 968-71	140
1619	Gold(I) catalysts with bifunctional P, N ligands. <b>2011</b> , 50, 7863-70	31
1618	Gold catalysis at the gas/solid interface: role of the support in determining activity and selectivity in the hydrogenation of m-dinitrobenzene. <b>2011</b> , 1, 652	67
1617	Divergent synthetic routes for ring expansion or cyclization from 1,4-allylic diol derivatives via gold(I) catalysis or zinc(II) mediation. <b>2011</b> , 76, 8814-23	16
1616	Total syntheses of drimane-type sesquiterpenoids enabled by a gold-catalyzed tandem reaction. <b>2011</b> , 133, 14944-7	100
1615	Tungsten and molybdenum catalyst-mediated cyclisation of N-propargyl amides. <b>2011</b> , 9, 4429-31	41
1614	A multipurpose gold(I) precatalyst. <b>2011</b> , 47, 4893-5	51
1613	Electrochemiluminescent metallopolymer-nanoparticle composites: nanoparticle size effects. <b>2011</b> , 83, 2383-7	23
1612	Gold(I) "click" 1,2,3-triazolylienes: synthesis, self-assembly and catalysis. <b>2011</b> , 47, 328-30	157
1611	Catalytic intermolecular hetero-dehydro-Diels-Alder cycloadditions: regio- and diastereoselective synthesis of 5,6-dihydropyridin-2-ones. <b>2011</b> , 13, 5172-5	32
1610	Gold nanoparticles supported on TiO <sub>2</sub> catalyse the cycloisomerisation/oxidative dimerisation of aryl propargyl ethers. <b>2011</b> , 47, 803-5	71
1609	Gold Catalysis: Hydrolysis of Di(alkoxy)carbenium Ion Intermediates as a Sensor for the Electronic Properties of Gold(I) Complexes. <b>2011</b> , 30, 5894-5903	76

- 1608 Gold-catalyzed cycloisomerizations of 1-(2-(tosylamino)phenyl)prop-2-yn-1-ols to 1H-indole-2-carbaldehydes and (E)-2-(iodomethylene)indolin-3-ols. **2011**, 76, 7633-40 65
- 1607 Axially Chiral N-Heterocyclic Carbene Gold(I) Complex Catalyzed Asymmetric Cycloisomerization of 1,6-Enynes. **2011**, 30, 3859-3869 79
- 1606 Gold and Rhodium Transmetalation: Mechanistic Insights and Dual-Metal Reactivity. **2011**, 30, 1776-1779 42
- 1605 Effective Transmetalation from Gold to Iron or Ruthenium. **2011**, 30, 3457-3460 43
- 1604 Gold-catalyzed tandem 1,3-migration/[2 + 2] cycloaddition of 1,7-enyne benzoates to azabicyclo[4.2.0]oct-5-enes. **2011**, 133, 15248-51 107
- 1603 Copper(II)-catalyzed asymmetric Henry reaction of o-alkynylbenzaldehydes followed by gold(I)-mediated cycloisomerization: an enantioselective route to chiral 1H-isochromenes and 1,3-dihydroisobenzofurans. **2011**, 76, 8869-78 36
- 1602 A general procedure for the synthesis of enones via gold-catalyzed Meyer-Schuster rearrangement of propargylic alcohols at room temperature. **2011**, 76, 1479-82 78
- 1601 Why Does Gold(III) Porphyrin Act as a Selective Catalyst in the Cycloisomerization of Allenones?. **2011**, 115, 2187-2195 29
- 1600 Cationic gold carbonyl complex on a phosphine support. **2011**, 50, 4253-5 41
- 1599 Selectivity Switch in the Synthesis of Vinylgold(I) Intermediates. **2011**, 30, 6328-6337 110
- 1598 Assessment of Theoretical Methods for Complexes of Gold(I) and Gold(III) with Unsaturated Aliphatic Hydrocarbon: Which Density Functional Should We Choose?. **2011**, 7, 4002-11 101
- 1597 Au (III)/N-containing ligand complex: A novel and efficient catalyst in carbonylation of alkyl nitrite. **2011**, 12, 1401-1404 9
- 1596 Synthesis of Pyrrolo[1,2-a]quinoxalines via gold(I)-mediated cascade reactions. **2011**, 13, 209-13 41
- 1595 Unexpected cycloisomerizations of nonclassical carbocation intermediates in gold(I)-catalyzed homo-Rautenstrauch cyclizations. **2011**, 76, 5825-31 18
- 1594 Gold catalyzed oxycyclizations of alkynols and alkyndiols. **2011**, 9, 4405-16 107
- 1593 Recent developments of cyclopropene chemistry. **2011**, 40, 5534-63 238
- 1592 The Literature of Heterocyclic Chemistry, Part X, 2005-2007. **2011**, 1-137 16
- 1591 Transition-metal-catalyzed C-C bond formation through the fixation of carbon dioxide. **2011**, 40, 2435-52 689

- 1590 Enhancement of the catalytic activity of supported gold nanoparticles for the Fenton reaction by light. **2011**, 133, 2218-26 210
- 1589 Controllable Synthesis of Stable Urchin-like Gold Nanoparticles Using Hydroquinone to Tune the Reactivity of Gold Chloride. **2011**, 115, 3630-3637 155
- 1588 Gold(I)-catalyzed polycyclizations of polyenyne-type anilines based on hydroamination and consecutive hydroarylation cascade. **2011**, 76, 9068-80 89
- 1587 [3 + 2] cycloaddition on carbohydrate templates: stereoselective synthesis of pyrrolidines. **2011**, 13, 1072-5 16
- 1586 Gold(I)-catalyzed Claisen rearrangement of allenyl vinyl ethers; synthesis of substituted 1,3-dienes. **2011**, 9, 7535-8 32
- 1585 Gold-Catalyzed Rearrangements: Reaction Pathways Using 1-Alkenyl-2-alkynylcyclopropane Substrates. **2011**, 123, 2155-2158 18
- 1584 Interception of a Rautenstrauch intermediate by alkynes for [5+2] cycloaddition: rhodium-catalyzed cycloisomerization of 3-acyloxy-4-ene-1,9-diynes to bicyclo[5.3.0]decatrienes. **2011**, 50, 8153-6 95
- 1583 A combined mechanistic and computational study of the gold(I)-catalyzed formation of substituted indenenes. **2011**, 9, 101-4 50
- 1582 Divergent Pd(II) and Au(III) mediated nitroalkynol cycloisomerizations. **2011**, 9, 7327-34 39
- 1581 Synthesis and reactivity of furoquinolines bearing an external methylene-bond: access to reduced and spirocyclic structures. **2011**, 9, 4831-41 19
- 1580 Influence of a Very Bulky N-Heterocyclic Carbene in Gold-Mediated Catalysis. **2011**, 30, 5463-5470 81
- 1579 Two metals are better than one in the gold catalyzed oxidative heteroarylation of alkenes. **2011**, 133, 14293-300 183
- 1578 One-pot synthesis of 1,2-dihydropyridines: expanding the diverse reactivity of propargyl vinyl ethers. **2011**, 76, 2145-56 66
- 1577 When gold can do what iodine cannot do: A critical comparison. **2011**, 7, 847-59 67
- 1576 Generation of  $\eta^3$ -unsaturated platinum carbenes from homopropargylic alcohols: rearrangements to polysubstituted furans. **2011**, 13, 5924-7 61
- 1575 Intramolecular hydroamination of alkynic sulfonamides catalyzed by a gold-triethynylphosphine complex: Construction of azepine frameworks by 7-exo-dig cyclization. **2011**, 7, 951-9 35
- 1574 Gold-catalyzed regioselective oxidation of terminal allenes: formation of  $\eta^3$ -methanesulfonyloxy methyl ketones. **2011**, 7, 596-600 12
- 1573 Sequential Au(I)-catalyzed reaction of water with o-acetylenyl-substituted phenyldiazoacetates. **2011**, 7, 631-7 29

- 1572 Synthesis of fluoranthenes by hydroarylation of alkynes catalyzed by gold(I) or gallium trichloride. **2011**, 7, 1520-5 35
- 1571 Gold-catalyzed propargylic substitutions: Scope and synthetic developments. **2011**, 7, 866-77 77
- 1570 Construction of cyclic enones via gold-catalyzed oxygen transfer reactions. **2011**, 7, 606-14 31
- 1569 Gold-catalyzed heterocyclizations in alkynyl- and allenyl-lactams. **2011**, 7, 622-30 27
- 1568 Isotopic labelling studies for a gold-catalysed skeletal rearrangement of alkynyl aziridines. **2011**, 7, 839-46 26
- 1567 Recent developments in gold-catalyzed cycloaddition reactions. **2011**, 7, 1075-94 165
- 1566 Gold(I)-catalyzed synthesis of  $\alpha$ -vinylbutyrolactones by intramolecular oxaallylic alkylation with alcohols. **2011**, 7, 1198-204 14
- 1565 When cyclopropenes meet gold catalysts. **2011**, 7, 717-34 107
- 1564 One-pot Diels-Alder cycloaddition/gold(I)-catalyzed 6-endo-dig cyclization for the synthesis of the complex bicyclo[3.3.1]alkenone framework. **2011**, 7, 1007-13 24
- 1563 Gold-catalyzed oxidation of arylallenes: Synthesis of quinoxalines and benzimidazoles. **2011**, 7, 860-5 9
- 1562 Efficient gold(I)/silver(I)-cocatalyzed cascade intermolecular N-Michael addition/intramolecular hydroalkylation of unactivated alkenes with  $\beta$ -ketones. **2011**, 7, 1100-7 11
- 1561 A racemic formal total synthesis of clavukerin A using gold(I)-catalyzed cycloisomerization of 3-methoxy-1,6-enynes as the key strategy. **2011**, 7, 740-3 9
- 1560 Triazole-Au(I) complex as chemoselective catalyst in promoting propargyl ester rearrangements. **2011**, 7, 1014-20 41
- 1559 One-pot gold-catalyzed synthesis of 3-silylethynyl indoles from unprotected *o*-alkynylanilines. **2011**, 7, 565-9 64
- 1558 Suzuki-Miyaura Cross Coupling Reactions of  $\beta$ -Allenyl- $\gamma$ -BBN. **2011**, 40, 950-952 10
- 1557 Recent advances in the gold-catalyzed additions to C-C multiple bonds. **2011**, 7, 897-936 170
- 1556 Gold(I)-catalyzed formation of furans by a Claisen-type rearrangement of ynenyl allyl ethers. **2011**, 7, 878-85 53
- 1555 Au(I)/Au(III)-catalyzed Sonogashira-type reactions of functionalized terminal alkynes with arylboronic acids under mild conditions. **2011**, 7, 808-12 46

1554	Gold in Homogeneous Catalysis. <b>2011</b> ,		
1553	Axially chiral N-heterocyclic carbene gold(I) complex catalyzed asymmetric Friedel-Crafts/cyclization reaction of nitrogen-tethered 1,6-enynes with indole derivatives. <b>2011</b> , 22, 2029-2038		34
1552	Basic alumina supported tandem synthesis of bridged polycyclic quinolino/isoquinolinoxazines under microwave irradiation. <b>2011</b> , 52, 4697-4700		10
1551	Gold(I)-catalysed intramolecular hydroamination of $\beta$ -quaternary alkynes: synthetic studies towards spiroimine marine toxins. <b>2011</b> , 52, 4896-4898		12
1550	A remarkable effect of ionic liquids in transition-metal-free aerobic oxidation of benzylic alcohols. <b>2011</b> , 52, 5392-5394		19
1549	Controlled growth of uniform noble metal nanocrystals: aqueous-based synthesis and some applications in biomedicine. <b>2011</b> , 88, 1-22		43
1548	Recent advances in Sonogashira reactions. <b>2011</b> , 40, 5084-121		1135
1547	Advances in the chemistry of tetrahydroquinolines. <i>Chemical Reviews</i> , <b>2011</b> , 111, 7157-259	68.1	726
1546	Synthesis of Gold Complexes Bearing Sterically Highly Encumbered, Chiral Carbene Ligands. <b>2011</b> , 30, 1287-1290		39
1545	Supported Transition Metal Catalysts for Hydrodechlorination Reactions. <b>2011</b> , 3, 800-821		133
1544	Gold-catalyzed regioselective hydration of propargyl acetates assisted by a neighboring carbonyl group: access to $\beta$ -acyloxy methyl ketones and synthesis of (–)-actinopolymorphol B. <b>2011</b> , 76, 500-11		115
1543	N-heterocyclic carbene complexes of Au, Pd, and Pt as effective catalysts in organic synthesis. <b>2011</b> , 302, 131-55		45
1542	Direct C-H transformation via iron catalysis. <i>Chemical Reviews</i> , <b>2011</b> , 111, 1293-314	68.1	1754
1541	Aerobic oxidations catalyzed by colloidal nanogold. <b>2011</b> , 6, 736-48		155
1540	Gold(I)-catalyzed enantioselective intermolecular hydroarylation of allenes with indoles and reaction mechanism by density functional theory calculations. <b>2011</b> , 6, 812-24		65
1539	Gold(I)-catalyzed cyclization of alkynyl hydrogen phosphates. <b>2011</b> , 6, 1970-3		15
1538	Silver-mediated exo-selective tandem desilylative bromination/oxycyclization of silyl-protected alkynes: synthesis of 2-bromomethylene-tetrahydrofuran. <b>2011</b> , 6, 1943-7		6
1537	Control of 6-exo and 7-endo cyclizations of alkynylamides using platinum and bismuth catalysts. <b>2011</b> , 6, 1321-4		27

1536	Heterogeneous Acid Catalysis with Metal Nanoparticles. <b>2011</b> , 3, 1121-1125	30
1535	Generation of Reactive Oxygen Species on Au/TiO <sub>2</sub> after Treatment with Hydrogen: Testing the Link to Ethanol Low-Temperature Oxidation. <b>2011</b> , 3, 1422-1425	22
1534	Galvanic Deposition of Au on Paperlike Cu Fiber for High-Efficiency, Low-Temperature Gas-Phase Oxidation of Alcohols. <b>2011</b> , 3, 1629-1636	17
1533	Direct synthesis of fused indoles by gold-catalyzed cascade cyclization of diynes. <b>2011</b> , 76, 1212-27	151
1532	Furan and Its Derivatives. <b>2011</b> , 97-152	38
1531	Synthesis of pyrrole and carbazole alkaloids. <b>2012</b> , 309, 203-53	165
1530	Sequential Combination of Ruthenium-, Base-, and Gold-Catalysis A New Approach to the Synthesis of Medicinally Important Heterocycles. <b>2011</b> , 2011, 3514-3522	23
1529	Performance of density functional theory on homogeneous gold catalysis. <b>2011</b> , 128, 647-661	75
1528	Pt(IV)-catalyzed generation and [4+2]-cycloaddition reactions of o-quinone methides. <b>2011</b> , 67, 3904-3914	36
1527	Supported noble metal nanoparticles as photo/sono-catalysts for synthesis of chemicals and degradation of pollutants. <b>2011</b> , 54, 887-897	16
1526	The Crystal and Molecular Structures of Gold(I) Complexes Containing the Electron-Rich P-Donor Ligand Ph <sub>3</sub> PNPPh <sub>2</sub> . <b>2011</b> , 637, 353-356	3
1525	Allenyl-lactams: versatile scaffolds for the synthesis of heterocycles. <b>2011</b> , 11, 311-30	52
1524	Cationic Gold(I)-Catalyzed Intermolecular [4+2] Cycloaddition between Dienes and Allenyl Ethers. <b>2011</b> , 353, 550-556	24
1523	Gold-Catalyzed Cascade Friedel-Crafts/Furan-Yne Cyclization/Heteroenyne Metathesis for the Highly Efficient Construction of Phenanthrene Derivatives. <b>2011</b> , 353, 392-400	71
1522	Reusable and Durable Immobilized-Cationic Gold(I) Catalysts for Environmentally Benign Bond-Forming Reactions. <b>2011</b> , 353, 287-290	35
1521	Gold Catalysis: Alkyl Migration in the Addition of Alcohols to Nitriles. <b>2011</b> , 353, 461-468	35
1520	Extended Lifetimes of Gold(III) Chloride Catalysts using Copper(II) Chloride and 2,2,6,6-Tetramethylpiperidine 1-Oxyl (TEMPO). <b>2011</b> , 353, 1033-1038	17
1519	Gold-Catalyzed Cyclizations: A Comparative Study of ortho,ortho'-Substituted KITPHOS Monophosphines with their Biaryl Monophosphine Counterpart SPHOS. <b>2011</b> , 353, 749-759	50

1518	Accessing Skeletal Diversity under Iron Catalysis using Substrate Control: Formation of Pyrroles versus Lactones. <b>2011</b> , 353, 585-594	39
1517	A Novel Mode of Reactivity for Gold(I): The Decarboxylative Activation of (Hetero)Aromatic Carboxylic Acids. <b>2011</b> , 353, 1359-1366	57
1516	Gold(I)-Catalyzed Tandem Alkoxylation/Lactonization of $\alpha$ -Hydroxy- $\beta$ -Acetylenic Esters. <b>2011</b> , 353, 1575-1583	22
1515	A Recyclable Polystyrene-Supported Gold(I) Catalyst. <b>2011</b> , 353, 1903-1907	43
1514	Novel Cyclization Reactions of Aminoallenes. <b>2011</b> , 353, 2561-2576	70
1513	Gold- or Palladium-Catalyzed Allene Carbocyclization/Functionalization: Simple and Efficient Synthesis of Carbazoles. <b>2011</b> , 353, 1871-1876	56
1512	Evaluation of the Electronic Properties of a Carbodiphosphorane through Gold Catalysis. <b>2011</b> , 353, 1865-1870	27
1511	Triazole-Gold-Promoted, Effective Synthesis of Enones from Propargylic Esters and Alcohols: A Catalyst Offering Chemoselectivity, Acidity and Ligand Economy. <b>2011</b> , 353, 2584-2588	59
1510	Gold-Catalyzed Oxidative Cyclizations of 2-Oxiranyl-1-alkynylbenzenes for Diastereoselective Synthesis of Highly Substituted 2-Hydroxyindanones. <b>2011</b> , 353, 2589-2592	7
1509	Transition Metal-Free TEMPO-Catalyzed Oxidative Cross-Coupling of Nitrones with Alkynyl-Grignard Reagents. <b>2011</b> , 353, 2708-2714	35
1508	Gold versus Silver-Catalyzed Intermolecular Hydroaminations of Alkenes and Dienes. <b>2011</b> , 353, 3451-3466	38
1507	H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> -Catalysed Alkylation of Arenes and Diveratrylmethanes: Convenient Routes to Triarylmethanes and to Symmetrical and Unsymmetrical 9,10-Diaryl-2,3,6,7-tetramethoxyanthracenes. <b>2011</b> , 2011, 1357-1366	21
1506	Ph <sub>3</sub> PAuNTf <sub>2</sub> as a Superior Catalyst for the Selective Synthesis of 2H-Chromenes: Application to the Concise Synthesis of Benzopyran Natural Products. <b>2011</b> , 2011, 2334-2338	82
1505	AuI-Catalyzed Intramolecular Cyclization of 2-Alkenylphenyl Carbonyl Compounds: Exploring the Oxophilic Lewis Acidity of AuI Species. <b>2011</b> , 2011, 3904-3910	21
1504	Gold Catalysis: Products and Intermediates Obtained from N-Propargylcarboxamides Bearing Additional Substituents on Nitrogen. <b>2011</b> , 2011, 2256-2264	20
1503	Gold-Catalyzed Dehydrative Transformations of Unsaturated Alcohols. <b>2011</b> , 2011, 6605-6617	124
1502	Copper(II)-Mediated Intramolecular Cyclization of (Z)-Chalcogenoenynes: Synthesis of 3-Halochalcogenophene Derivatives. <b>2011</b> , 2011, 6713-6718	28
1501	Mechanism of Gold(I)-Catalyzed Conia-ene Reaction of $\beta$ -Ketoesters with Alkynes: A DFT Study. <b>2011</b> , 29, 2320-2326	4

- 1500 Force fields for metallic clusters and nanoparticles. **2011**, 32, 1711-20 8
- 1499 Passive F<sup>+</sup>-Oxidationsmittel ermöglichen die selektive reduktive Eliminierung hochvalenter Metallzentren in der Katalyse. **2011**, 123, 1514-1528 99
- 1498 Gold-Catalyzed Cyclopenta- and Cycloheptannulation Cascades: A Stereocontrolled Approach to the Scaffold of Frondosins A and B. **2011**, 123, 941-945 47
- 1497 Synthesis of Highly Functionalized Cyclohexenone Rings: Rhodium-Catalyzed 1,3-Acyloxy Migration and Subsequent [5+1] Cycloaddition. **2011**, 123, 1382-1385 36
- 1496 Gold(I)-Catalyzed Cycloisomerization of 1,6-Diynes: Synthesis of 2,3-Disubstituted 3-Pyrroline Derivatives. **2011**, 123, 2631-2635 40
- 1495 Efficient Gold(I)-Catalyzed Direct Intramolecular Hydroalkylation of Unactivated Alkenes with  $\beta$ -Ketones. **2011**, 123, 5039-5043 20
- 1494 Taking Advantage of the Ambivalent Reactivity of Ynamides in Gold Catalysis: A Rare Case of Alkyne Dimerization. **2011**, 123, 5196-5200 46
- 1493 A Stable Acyclic Ligand Equivalent of an Unstable 1,3-Dithiol-5-ylidene. **2011**, 123, 4301-4304 12
- 1492 Gold(I)-katalysierte Synthese von Benzo[b]furanen aus 3-Silyloxy-1,5-eninen. **2011**, 123, 5882-5885 50
- 1491 Gold-Catalyzed 1,3-Acyloxy Migration/5-exo-dig Cyclization/1,5-Acyl Migration of Diynyl Esters. **2011**, 123, 7000-7003 41
- 1490 Rhodium-Catalyzed Cycloisomerization Involving Cyclopropenes: Efficient Stereoselective Synthesis of Medium-Sized Heterocyclic Scaffolds. **2011**, 123, 6054-6059 31
- 1489 Gold in C-C-Kupplungsreaktionen [ein Katalysator so vielseitig wie ein Schweizer Taschenmesser?]. **2011**, 123, 8386-8397 107
- 1488 Isolation of Azomethine Ylides and Their Complexes: Iridium(III)-Mediated Cyclization of Nitrono Substrates Containing Alkynes. **2011**, 123, 7937-7942 18
- 1487 Gold-Catalyzed Transformation of 2-Alkynyl Arylazides: Efficient Access to the Valuable Pseudoindoxyl and Indolyl Frameworks. **2011**, 123, 7492-7496 88
- 1486 Interception of a Rautenstrauch Intermediate by Alkynes for [5+2] Cycloaddition: Rhodium-Catalyzed Cycloisomerization of 3-Acyloxy-4-ene-1,9-diynes to Bicyclo[5.3.0]decatrienes. **2011**, 123, 8303-8306 47
- 1485 Second-Generation Total Synthesis of Spirastrellolide F Methyl Ester: The Alkyne Route. **2011**, 123, 8898-8903 55
- 1484 Characterization of the Isochromen-4-yl-gold(I) Intermediate in the Gold(I)-Catalyzed Glycosidation of Glycosyl ortho-Alkynylbenzoates and Enhancement of the Catalytic Efficiency Thereof. **2011**, 123, 8479-8482 34
- 1483 Spontaneous Oxidative Addition of  $\beta$ Si Bonds at Gold. **2011**, 123, 8470-8474 23



1482	Gold(I)-Catalyzed Synthesis of Benzoxocines by an 8-endo-dig Cyclization. <b>2011</b> , 123, 9242-9246	18
1481	Dominoreaktionen bestehend aus Heterocyclisierung und 1,2-Verschiebung [redoxneutrale und oxidative Bergangsmetallkatalyse im Vergleich. <b>2011</b> , 123, 10140-10143	14
1480	Gold-Catalyzed [3+2] Cycloaddition/Hydrolytic Michael Addition/Retro-Aldol Reactions of Propargylic Esters Tethered to Cyclohexadienones. <b>2011</b> , 123, 11329-11333	17
1479	Rhodium-Catalyzed Ring Expansion of Cyclopropanes to Seven-membered Rings by 1,5 C-C Bond Migration. <b>2011</b> , 123, 10605-10608	18
1478	Hydroamination of Alkynes with Ammonia: Unforeseen Role of the Gold(I) Catalyst. <b>2011</b> , 123, 11343-11347	23
1477	Characterization of Vinylgold Intermediates: Gold-Mediated Cyclization of Acetylenic Amides. <b>2011</b> , 123, 11648-11652	26
1476	Bystanding F <sup>+</sup> oxidants enable selective reductive elimination from high-valent metal centers in catalysis. <b>2011</b> , 50, 1478-91	330
1475	Gold-catalyzed cyclopenta- and cycloheptannulation cascades: a stereocontrolled approach to the scaffold of frondosins A and B. <b>2011</b> , 50, 911-5	108
1474	Synthesis of highly functionalized cyclohexenone rings: rhodium-catalyzed 1,3-acyloxy migration and subsequent [5+1] cycloaddition. <b>2011</b> , 50, 1346-9	87
1473	Gold(I)-catalyzed cycloisomerization of 1,6-diynes: synthesis of 2,3-disubstituted 3-pyrroline derivatives. <b>2011</b> , 50, 2583-7	75
1472	Gold-catalyzed rearrangements: reaction pathways using 1-alkenyl-2-alkynylcyclopropane substrates. <b>2011</b> , 50, 2107-10	41
1471	Efficient gold(I)-catalyzed direct intramolecular hydroalkylation of unactivated alkenes with $\beta$ -ketones. <b>2011</b> , 50, 4937-41	57
1470	Gold $\beta$ -oxo carbenoids in catalysis: catalytic oxygen-atom transfer to alkynes. <b>2011</b> , 50, 7226-36	339
1469	Taking advantage of the ambivalent reactivity of ynamides in gold catalysis: a rare case of alkyne dimerization. <b>2011</b> , 50, 5090-4	95
1468	A stable acyclic ligand equivalent of an unstable 1,3-dithiol-5-ylidene. <b>2011</b> , 50, 4215-8	31
1467	Gold(I)-catalyzed formation of benzo[b]furans from 3-silyloxy-1,5-enynes. <b>2011</b> , 50, 5762-5	129
1466	Gold-catalyzed 1,3-acyloxy migration/5-exo-dig cyclization/1,5-acyl migration of diynyl esters. <b>2011</b> , 50, 6868-71	90
1465	Rhodium-catalyzed cycloisomerization involving cyclopropenes: efficient stereoselective synthesis of medium-sized heterocyclic scaffolds. <b>2011</b> , 50, 5932-7	91

- 1464 Gold for C-C coupling reactions: a Swiss-Army-knife catalyst?. **2011**, 50, 8236-47 259
- 1463 Isolation of azomethine ylides and their complexes: iridium(III)-mediated cyclization of nitrono substrates containing alkynes. **2011**, 50, 7791-6 50
- 1462 Gold-catalyzed transformation of 2-alkynyl arylazides: efficient access to the valuable pseudoindoxyl and indolyl frameworks. **2011**, 50, 7354-8 229
- 1461 Second-generation total synthesis of spirastrellolide F methyl ester: the alkyne route. **2011**, 50, 8739-44 113
- 1460 Characterization of the isochromen-4-yl-gold(I) intermediate in the gold(I)-catalyzed glycosidation of glycosyl ortho-alkynylbenzoates and enhancement of the catalytic efficiency thereof. **2011**, 50, 8329-32 121
- 1459 Spontaneous oxidative addition of  $\text{C}=\text{Si}-\text{Si}$  bonds at gold. **2011**, 50, 8320-4 69
- 1458 Gold(I)-catalyzed synthesis of benzoxocines by an 8-endo-dig cyclization. **2011**, 50, 9076-80 38
- 1457 Domino reactions consisting of heterocyclization and 1,2-migration-redox-neutral and oxidative transition-metal catalysis. **2011**, 50, 9965-8 34
- 1456 Gold-catalyzed [3+2] cycloaddition/hydrolytic Michael addition/retro-aldol reactions of propargylic esters tethered to cyclohexadienones. **2011**, 50, 11133-7 53
- 1455 Rhodium-catalyzed ring expansion of cyclopropanes to seven-membered rings by 1,5 C-C bond migration. **2011**, 50, 10421-4 52
- 1454 Hydroamination of alkynes with ammonia: unforeseen role of the gold(I) catalyst. **2011**, 50, 11147-51 64
- 1453 Characterization of vinylgold intermediates: gold-mediated cyclization of acetylenic amides. **2011**, 50, 11446-50 86
- 1452 Synthesis, spectral characterization, C-C coupling, oxidation reactions and antibacterial activities of new ruthenium(III) Schiff base complexes. **2011**, 25, 87-97 11
- 1451 Catalytic activity of cycloaurated complexes in the addition of 2-methylfuran to methyl vinyl ketone. **2011**, 25, 810-814 13
- 1450 Mechanism of the dehydrogenative silylation of alcohols catalyzed by cationic gold complexes: an experimental and theoretical study. **2011**, 17, 2256-65 35
- 1449 Chemoselective C-C bond cleavage of epoxide motifs: gold(I)-catalyzed diastereoselective [4+3] cycloadditions of 1-(1-alkynyl)oxiranyl ketones and nitrones. **2011**, 17, 86-90 75
- 1448 Hydrotalcite-supported gold catalyst for the oxidant-free dehydrogenation of benzyl alcohol: studies on support and gold size effects. **2011**, 17, 1247-56 219
- 1447 Regio- and stereoselective construction of highly functionalized 3-benzazepine skeletons through ring-opening cycloamination reactions catalyzed by gold. **2011**, 17, 4981-5 32

1446	[[Au(IPr)] <sub>2</sub> (EOH)]X complexes: synthetic, structural and catalytic studies. <b>2011</b> , 17, 1238-46	103
1445	Gold(I)-catalyzed access to tetrahydropyran-4-ones from 4-(alkoxyalkyl)oxy-1-butyne: formal catalytic Petasis-Ferrier rearrangement. <b>2011</b> , 17, 1433-6	31
1444	Tungsten(0)- and rhenium(I)-catalyzed tandem cyclization of acetylenic dienol silyl ethers based on geminal carbo-functionalization of alkynes. <b>2011</b> , 17, 4839-48	21
1443	Gold-catalyzed tandem intramolecular heterocyclization/Petasis-Ferrier rearrangement of 2-(prop-2-ynyl)benzaldehydes as an expedient route to benzo[b]oxepin-3(2 H)-ones. <b>2011</b> , 17, 1437-41	57
1442	Alkynylcyclopropanes from terminal alkynes through consecutive coupling to Fischer carbene complexes and selective propargylene transfer. <b>2011</b> , 17, 2349-52	15
1441	Gold(I)-catalyzed, highly diastereoselective, tandem heterocyclizations/[3+2] cycloadditions: synthesis of highly substituted cyclopenta[c]furans. <b>2011</b> , 17, 2838-41	59
1440	Electrophilic carbocyclization of hydroxylated enynes. <b>2011</b> , 17, 4986-90	26
1439	Gold catalysis: 1,3-oxazines by cyclisation of allene amides. <b>2011</b> , 17, 5661-7	75
1438	Straightforward synthesis of bridged azaoxa skeletons: gold-catalyzed aminoketalization of Garner's aldehyde-derived alkynes. <b>2011</b> , 17, 4968-71	41
1437	Gold catalysis: domino reaction of en-diynes to highly substituted phenols. <b>2011</b> , 17, 8195-201	71
1436	Synthesis of 5-halo-4H-1,3-oxazine-6-amines by a copper-mediated domino reaction. <b>2011</b> , 17, 5511-5	20
1435	Au(I) /Au(III) catalysis: an alternative approach for C-C oxidative coupling. <b>2011</b> , 17, 8248-62	259
1434	Gold(I)-catalyzed tandem oxidative ring-opening/C-C bond cleavage reactions of vinylidenecyclopropanes with secondary amines under an oxygen atmosphere. <b>2011</b> , 17, 9070-5	22
1433	Stepwise construction of Au <sub>4</sub> Ag <sub>2</sub> Cu <sub>2</sub> coinage rings supported by linear tetrakisphosphine ligands. <b>2011</b> , 17, 10528-32	43
1432	Concise synthesis of the antidepressive drug candidate GSK1360707 by a highly enantioselective gold-catalyzed enyne cycloisomerization reaction. <b>2011</b> , 17, 7764-7	73
1431	Cyclopropyl carbinol rearrangement for benzo-fused nitrogen ring synthesis. <b>2011</b> , 17, 10081-8	36
1430	Gold-catalyzed, intramolecular, oxygen-transfer reactions of 2-alkynyl-1,5-diketones or 2-alkynyl-5-ketoesters: scope, expansion, and mechanistic investigations on a new [4+2] cycloaddition. <b>2011</b> , 17, 10690-9	14
1429	Binap-gold(I) versus Binap-silver trifluoroacetate complexes as catalysts in 1,3-dipolar cycloadditions of azomethine ylides. <b>2011</b> , 17, 14224-33	40

1428	Highly efficient and diastereoselective gold(I)-catalyzed synthesis of tertiary amines from secondary amines and alkynes: substrate scope and mechanistic insights. <b>2011</b> , 17, 12932-45	38
1427	Striking alkenol versus allenol reactivity: metal-catalyzed chemodifferentiating oxycyclization of enallenols. <b>2011</b> , 17, 15005-13	29
1426	Yb(OTf) <sub>3</sub> - or Au(I)-catalyzed domino intramolecular hydroamination and ring-opening of sulfonamide-substituted 1,1-vinylidencyclopropanediester. <b>2011</b> , 17, 13160-5	33
1425	Merging organocatalysis and gold catalysis: enantioselective synthesis of tetracyclic indole derivatives through a sequential double Friedel-Crafts type reaction. <b>2011</b> , 17, 13409-14	109
1424	Metal encapsulation mediated planar to three dimensional structural transformation in Au-clusters: The venus flytrap effect. <b>2011</b> , 966, 133-136	18
1423	Addition of olefins to acetylacetonate catalyzed by cooperation of Brønsted acid site of zeolite and gold cluster. <b>2011</b> , 400, 171-175	7
1422	An efficient and selective synthesis of 2,5-substituted pyrroles by gold-catalysed ring expansion of alkynyl aziridines. <b>2011</b> , 696, 159-164	36
1421	Efficient silver-free gold(I)-catalyzed hydration of alkynes at low catalyst loading. <b>2011</b> , 696, 7-11	86
1420	Allylic alcohols: Valuable synthetic equivalents of non-activated alkenes in gold-catalyzed enantioselective alkylation of indoles. <b>2011</b> , 696, 338-347	57
1419	New elements in the gold(I)-catalyzed cycloisomerization of enynyl ester derivatives embedding a cyclohexane template. <b>2011</b> , 696, 388-399	27
1418	Cross-coupling reactions of gold(I) alkynyl and polyynediyl complexes. <b>2011</b> , 696, 2172-2176	16
1417	Water-soluble gold(I)NHC complexes of sulfonated IMes and SIMes and their catalytic activity in hydration of alkynes. <b>2011</b> , 340, 1-8	60
1416	Gold and platinum catalyzed cascade reaction of propargyl acetates bearing terminal alkynes or methyl ketones. <b>2011</b> , 67, 1511-1517	10
1415	Gold(I)-catalysed iodoalkoxylation of allenes. <b>2011</b> , 67, 1609-1616	21
1414	Asymmetric Au-catalyzed domino cyclization/nucleophile addition reactions of enynes in the presence of water, methanol and electron-rich aromatic derivatives. <b>2011</b> , 67, 4371-4377	51
1413	Two tandem sequential reactions catalyzed by [Au], N-heterocyclic carbenes (NHC) and organic bases. <b>2011</b> , 67, 5784-5788	14
1412	Triflic acid-catalyzed cascade cyclization of arenyl enynes via acetylene-cation cyclization and Friedel-Crafts type reaction. <b>2011</b> , 52, 2069-2071	28
1411	Gold-catalyzed cycloisomerization reactions of boronated enynes. <b>2011</b> , 52, 321-324	15

1410	Gold-mediated synthesis of $\beta$ -ionone. <b>2011</b> , 52, 1124-1127	29
1409	Electrophilic carbon transfer in gold catalysis: synthesis of substituted chromones. <b>2011</b> , 52, 2476-2479	36
1408	Furan synthesis through AuCl <sub>3</sub> -catalysed cycloisomerisation of $\beta$ -alkynyl $\beta$ -ketoesters. <b>2011</b> , 52, 2605-2607	32
1407	A synthesis of 2-epi-fagomine using gold(I)-catalysed allene cyclisation. <b>2011</b> , 52, 2969-2971	11
1406	Gold catalyzed carbocyclization of phenyl substituted allylic acetates to synthesize benzocycle derivatives. <b>2011</b> , 52, 2990-2993	5
1405	Gold-catalyzed intramolecular hydroarylation of olefins. Scope evaluation and preliminary mechanistic studies. <b>2011</b> , 52, 3509-3513	29
1404	Heterocyclization of allenes catalyzed by late transition metals: mechanisms and regioselectivity. <b>2011</b> , 302, 183-224	17
1403	Recent Applications of Zirconium Compounds as Catalysts or Reagents in Organic Synthesis. <b>2011</b> , 15, 3800-3823	21
1402	A Brief Survey of our Contribution to Stable Carbene Chemistry. <b>2011</b> , 30, 5304-5313	371
1401	Tracking gold acetylides in gold(I)-catalyzed cycloisomerization reactions of enynes. <b>2011</b> , 2, 2417	90
1400	Cycloisomerization of 1, <i>n</i> -enynes via carbophilic activation. <b>2011</b> , 302, 31-80	66
1399	The role of silver additives in gold-mediated C-H functionalisation. <b>2011</b> , 7, 892-6	38
1398	Effects of Charging on the Structural and Electronic Properties of Au <sub>n</sub> Nanoclusters (n = 2-20). <b>2011</b> , ,	2
1397	Copper-Mediated Asymmetric Allylic Alkylations. <b>2011</b> ,	
1396	Computational Mechanisms of Au and Pt Catalyzed Reactions. <b>2011</b> ,	6
1395	Gold-Catalyzed Regioselective Dimerization of Aliphatic Terminal Alkynes. <b>2012</b> , 2012, 54-56	9
1394	Gold nano-particles supported on hematite and magnetite as highly selective catalysts for the hydrogenation of nitro-aromatics. <b>2012</b> , 9, 92	10
1393	Origin of Size Specific Catalysis by Polymer-stabilized Au Clusters for Aerobic Oxidation Reactions. <b>2012</b> , 33, 399-403	1

- 1392 Gold(I)-catalyzed regioselective inter-/intramolecular addition cascade of di- and triynes for direct construction of substituted naphthalenes. **2012**, 77, 4907-16 73
- 1391 From molecular catalysts to nanostructured materials skeleton catalysts. **2012**, 84, 1771-1784 26
- 1390 Total synthesis of (-)-isatisine A. **2012**, 77, 10509-15 35
- 1389 Assembly of pentacyclic pyrido[4,3,2-mn]acridin-8-ones via a domino reaction initiated by Au(I)-catalyzed 6-endo-dig cycloisomerization of N-propargylaminoquinones. **2012**, 53, 7078-7082 29
- 1388 4.20 Other C-C Bond Formations including Au. **2012**, 378-390
- 1387 Gold-Catalyzed Oxygen-Atom Transfer to Alkynes. **2012**, 273-296 5
- 1386 Gold-Alkene Complexes. **2012**, 175-199 10
- 1385 Gold-Catalyzed Benzannulations: Asao Yamamoto Benzopyrylium Pathway. **2012**, 55-73 2
- 1384 Synthesis of Alkenylgold(I) Compounds via Sequential Hydrozirconation and Zirconium to Gold Transmetalation. **2012**, 31, 5990-5993 19
- 1383 Golden Opportunities in the Synthesis of Natural Products and Biologically Active Compounds. **2012**, 111-154 9
- 1382 Nano-gold catalysis in fine chemical synthesis. *Chemical Reviews*, **2012**, 112, 2467-505 68.1 566
- 1381 Deconvolution of the Mechanism of Homogeneous Gold-Catalyzed Reactions. **2012**, 31, 2395-2402 29
- 1380 Small gold clusters formed in solution give reaction turnover numbers of 10<sup>7</sup> at room temperature. **2012**, 338, 1452-5 346
- 1379 Interaction of the Gold(I) Cation Au(PMe<sub>3</sub>)<sup>+</sup> with Unsaturated Hydrocarbons. **2012**, 31, 1935-1942 48
- 1378 Aerobic oxidation of thiols to disulfides by heterogeneous gold catalysts. **2012**, 3, 398-404 86
- 1377 Au(III)-catalyzed intermolecular amidation of benzylic C-H bonds. **2012**, 10, 9137-41 36
- 1376 Study of substrate dependence on the chemoselectivity of the gold-catalysed cycloisomerisation of aryl substituted 1,7-enynes. **2012**, 10, 9067-78 11
- 1375 Gold-mediated bifunctional modification of oligosaccharides via a three-component coupling reaction. **2012**, 10, 925-30 39

1374	Electronic effect directed Au(I)-catalyzed cyclic C2-H bond functionalization of 3-allenylindoles. <b>2012</b> , 14, 3616-9	59
1373	Carbazoles via AuCl <sub>3</sub> -catalyzed cyclization of 1-(indol-2-yl)-3-alkyn-1-ols. <b>2012</b> , 14, 6198-201	94
1372	Highly regio-, diastereo- and enantioselective one-pot gold/chiral Brønsted acid-catalysed cascade synthesis of bioactive diversely substituted tetrahydroquinolines. <b>2012</b> , 10, 7208-19	25
1371	Divergent outcomes of gold(I)-catalyzed indole additions to 3,3-disubstituted cyclopropenes. <b>2012</b> , 14, 898-901	66
1370	A one-pot catalysis: the strategic classification with some recent examples. <b>2012</b> , 10, 211-24	311
1369	Gold(I) and platinum(II) switch: a post-Ugi intramolecular hydroarylation to pyrrolopyridinones and pyrroloazepinones. <b>2012</b> , 48, 10916-8	75
1368	Mechanistic insights into enantioselective gold-catalyzed allylation of indoles with alcohols: the counterion effect. <b>2012</b> , 134, 20690-700	123
1367	Gold catalysis in total synthesis--an update. <b>2012</b> , 41, 2448-62	872
1366	Intermolecular Gold(I)-Catalyzed Alkyne Carboalkoxylation Reactions for the Multicomponent Assembly of $\alpha$ -Alkoxy Ketones. <b>2012</b> , 354, 3451-3455	20
1365	Anionen-induzierte enantioselektive Cyclisierung von Diinamiden zu Pyrrolidinen durch kationische Gold-Komplexe. <b>2012</b> , 124, 11311-11314	26
1364	Organocatalytic Synthesis of Highly Substituted Furfuryl Alcohols and Amines. <b>2012</b> , 124, 12294-12297	14
1363	Gold for the Generation and Control of Fluxional Barbaralyl Cations. <b>2012</b> , 124, 13270-13273	15
1362	Anion-induced enantioselective cyclization of diynamides to pyrrolidines catalyzed by cationic gold complexes. <b>2012</b> , 51, 11149-52	73
1361	Organocatalytic synthesis of highly substituted furfuryl alcohols and amines. <b>2012</b> , 51, 12128-31	50
1360	Gold for the generation and control of fluxional barbaralyl cations. <b>2012</b> , 51, 13093-6	47
1359	The fluoride-free transmetalation of organosilanes to gold. <b>2012</b> , 18, 14923-8	31
1358	Gold-Catalyzed Direct Indolation of Tetrahydroisoquinolines. <b>2012</b> , 30, 2741-2746	9
1357	Gold(I)-Catalyzed Cyclodehydration Enabled by the Triisopropylsilyl Group: A Synthetically Versatile Methodology. <b>2012</b> , 95, 1773-1789	6

- 1356 Gold anion catalysis of methane to methanol. **2012**, 45, 127-135 7
- 1355 Exploring the potential energy surface for interaction of a trichloro(diethylenetriamine)gold(III) complex with strong nucleophiles. **2012**, 548, 64-70 12
- 1354 Exclusive 1,2-Aryl Shift in Platinum(II) Chloride-Catalyzed Cyclization of 1-(Indol-2-yl)-2,3-allenols. **2012**, 354, 2339-2347 35
- 1353 Gold-catalysed cycloisomerisation reactions of 2-(2-propynyl)pyridine N-oxides leading to indolizinones. **2012**, 48, 7622-4 33
- 1352 Computational studies on the mechanism of the gold(I)-catalysed rearrangement of cyclopropenes. **2012**, 10, 4433-40 28
- 1351 Self-assembled monolayer coated gold-nanoparticle catalyzed aerobic oxidation of  $\beta$ -hydroxy ketones in water: an efficient one-pot synthesis of quinoxaline derivatives. **2012**, 2, 2216 21
- 1350 Gold(III) $\beta$ xo complexes as catalysts in intramolecular hydroamination. **2012**, 2, 1818 18
- 1349 A gold(I)-catalyzed route to  $\beta$ -sulfenylated carbonyl compounds from propargylic alcohols and aryl thiols. **2012**, 48, 6586-8 32
- 1348 Gold-catalyzed efficient synthesis of 2,4-disubstituted furans from aryloxy-enynes. **2012**, 10, 2960-5 33
- 1347 The coordination and polymerisation of cyclic 1,3-dienes by gold(I) cations. **2012**, 48, 1060-2 25
- 1346 Versatile gold catalyzed transglycosidation at ambient temperature. **2012**, 48, 7161-3 34
- 1345 Gold nano particles catalyzed oxidation of hydrazine by a metallo-superoxide complex: experimental evidences for surface activity of gold nano particles. **2012**, 41, 4641-8 18
- 1344 Total synthesis of (-)-decinine via an oxidative biaryl coupling with defined axial chirality. **2012**, 14, 3712-5 38
- 1343 Aminoindolines versus quinolines: mechanistic insights into the reaction between 2-aminobenzaldehydes and terminal alkynes in the presence of metals and secondary amines. **2012**, 77, 6179-85 22
- 1342 Oxy Effects on the Platinum-Catalyzed Carbo- and Oxacyclizations of 2-Oxiranyl-1-(1-oxyalk-2-ynyl)benzenes. **2012**, 354, 2241-2250 3
- 1341 Recent Advances in Transition Metal-Catalyzed Glycosylation. **2012**, 2, 1563-1595 133
- 1340 Ligand effects and ligand design in homogeneous gold(I) catalysis. **2012**, 134, 5697-705 267
- 1339  $\beta$ -Aryl-substituted allenamides in an imino-Nazarov cyclization cascade catalyzed by Au(I). **2012**, 14, 5736-9 65



1338	Cu(I)-catalyzed oxidative cyclization of alkynyl oxiranes and oxetanes. <b>2012</b> , 134, 828-31	63
1337	Transition metal-catalysed intermolecular reaction of allenes with oxygen nucleophiles: a perspective. <b>2012</b> , 10, 3584-94	68
1336	Reactivity of alkynyl metal carbenoids: DFT study on the Pt-catalyzed cyclopropanation of propargyl ester containing 1,3-diyne. <b>2012</b> , 14, 3850-3	12
1335	Gold-catalyzed cascade reaction of hydroxy enynes for the synthesis of oxanorbornenes and naphthalene derivatives. <b>2012</b> , 14, 3344-7	36
1334	Uranium(III)-mediated C-C-coupling of terminal alkynes: formation of dinuclear uranium(IV) vinyl complexes. <b>2012</b> , 134, 12792-7	45
1333	Synthesis of heterocycles by domino-Knoevenagel-hetero-Diels-Alder reactions. <b>2012</b> , 68, 5693-5718	55
1332	Stereodefined N,O-acetals: Pd-catalyzed synthesis from homopropargylic amines and utility in the flexible synthesis of 2,6-substituted piperidines. <b>2012</b> , 134, 4011-4	93
1331	Metal-free reactions of alkynes via electrophilic iodocarbocyclizations. <b>2012</b> , 10, 8041-7	60
1330	One-point binding ligands for asymmetric gold catalysis: phosphoramidites with a TADDOL-related but acyclic backbone. <b>2012</b> , 134, 15331-42	169
1329	Versatile Methods for Preparation of New Cyclometalated Gold(III) Complexes. <b>2012</b> , 31, 6567-6571	48
1328	Gold-catalyzed hydrosilyloxylation driving tandem aldol and Mannich reactions. <b>2012</b> , 14, 3912-5	19
1327	A novel fluorescent probe for Au(III)/Au(I) ions based on an intramolecular hydroamination of a Bodipy derivative and its application to bioimaging. <b>2012</b> , 48, 744-6	81
1326	Gold-catalyzed oxidative rearrangement of homopropargylic ether via oxonium ylide. <b>2012</b> , 14, 4902-5	70
1325	Gold-catalyzed diastereoselective [2+2+2]-cycloaddition of 1,7-enynes with carbonyl compounds. <b>2012</b> , 48, 10975-7	34
1324	Exploiting the $\sigma$ -acceptor properties of carbene-stabilized phosphorus centered trications [L3P] <sup>3+</sup> : applications in Pt(II) catalysis. <b>2012</b> , 134, 16753-8	96
1323	DFT and experimental exploration of the mechanism of InCl <sub>3</sub> -catalyzed type II cycloisomerization of 1,6-enynes: identifying InCl <sub>2</sub> (+) as the catalytic species and answering why nonconjugated dienes are generated. <b>2012</b> , 77, 8527-40	57
1322	Tempering the reactivities of postulated $\pi$ -oxo gold carbenes using bidentate ligands: implication of tricoordinated gold intermediates and the development of an expedient bimolecular assembly of 2,4-disubstituted oxazoles. <b>2012</b> , 134, 17412-5	186
1321	Studies toward the unique pederin family member psymberin: full structure elucidation, two alternative total syntheses, and analogs. <b>2012</b> , 134, 17083-93	72

1320	Mechanism of the N-protecting group dependent annulations of 3-aryloxy alkynyl indoles under gold catalysis: a computational study. <b>2012</b> , 10, 4417-23	23
1319	Intramolecular Hydroalkoxylation and Hydroamination of Alkynes Catalyzed by Cu(I) Complexes Supported by N-Heterocyclic Carbene Ligands. <b>2012</b> , 2, 2182-2193	59
1318	How Accurate Can a Local Coupled Cluster Approach Be in Computing the Activation Energies of Late-Transition-Metal-Catalyzed Reactions with Au, Pt, and Ir?. <b>2012</b> , 8, 3119-27	53
1317	Low temperature gas-phase oxidation of ethanol over Au/TiO <sub>2</sub> . <b>2012</b> , 433-434, 88-95	50
1316	Supported gold catalysts for the total oxidation of volatile organic compounds. <b>2012</b> , 125, 222-246	248
1315	Acyclic diaminocarbenes (ADCs) as a promising alternative to N-heterocyclic carbenes (NHCs) in transition metal catalyzed organic transformations. <b>2012</b> , 256, 2029-2056	151
1314	The Role of Metal Hydroxide Complexes in Late Transition Metal-Mediated Transmetalation Reaction: The Case of Gold. <b>2012</b> , 354, 2380-2386	33
1313	Quadri-Synergetic Effect for Highly Effective Carbon Dioxide Fixation and Its Application to Indoloquinolinone. <b>2012</b> , 354, 2387-2394	36
1312	Gold-katalysierte Synthese von Furanen und Furanonen aus Schwefel-Yliden. <b>2012</b> , 124, 9016-9020	43
1311	Gold-Catalyzed One-Step Construction of 2,3-Dihydro-1H-Pyrrolizines with an Electron-Withdrawing group in the 5-position: A Formal Synthesis of 7-Methoxymitosene. <b>2012</b> , 124, 8752-8755	52
1310	Highly Enantioselective Transfer Hydrogenation of Quinolines Catalyzed by Gold Phosphates: Achiral Ligand Tuning and Chiral-Anion Control of Stereoselectivity. <b>2012</b> , 124, 11508-11511	29
1309	A Diversity-Oriented Approach to Spiroindolines: Post-Ugi Gold-Catalyzed Diastereoselective Domino Cyclization. <b>2012</b> , 124, 9710-9713	23
1308	One-Pot Gold-Catalyzed Synthesis of Azepino[1,2-a]indoles. <b>2012</b> , 124, 10029-10033	29
1307	Highly enantioselective transfer hydrogenation of quinolines catalyzed by gold phosphates: achiral ligand tuning and chiral-anion control of stereoselectivity. <b>2012</b> , 51, 11346-9	111
1306	A diversity-oriented approach to spiroindolines: post-Ugi gold-catalyzed diastereoselective domino cyclization. <b>2012</b> , 51, 9572-5	127
1305	One-pot gold-catalyzed synthesis of azepino[1,2-a]indoles. <b>2012</b> , 51, 9891-5	72
1304	Coordination chemistry of gold catalysts in solution: a detailed NMR study. <b>2012</b> , 18, 14732-44	95
1303	N-heterocyclic carbenes and imidazole-2-thiones as ligands for the gold(I)-catalysed hydroamination of phenylacetylene. <b>2012</b> , 18, 12112-21	62

- 1302 Gold-catalyzed cyclization-cycloaddition cascade reactions of allenyl acetals with nitrones. **2012**, 18, 13638-41 13
- 1301 Coupling of two multistep catalytic cycles for the one-pot synthesis of propargylamines from alcohols and primary amines on a nanoparticulated gold catalyst. **2012**, 18, 14150-6 41
- 1300 Intermolecular Mono- and Dihydroamination of Activated Alkenes Using a Recoverable Gold Catalyst. **2012**, 2012, 6218-6227 29
- 1299 An Alternative Reaction Outcome in the Gold-Catalyzed Rearrangement of 1-Alkynyloxiranes. **2012**, 2012, 6140-6143 15
- 1298 Highly Stereoselective Synthesis of Polycyclic Indoles through Rearrangement/[4+2] Cycloaddition under Sequential Catalysis. **2012**, 1, 215-20 13
- 1297 Transition metal-catalyzed carbocyclization of nitrogen and oxygen-tethered 1,*n*-enynes and diynes: synthesis of five or six-membered heterocyclic compounds. **2012**, 48, 10271-9 79
- 1296 A cationic gold complex cleaves BArF<sub>24</sub>. **2012**, 48, 11325-7 48
- 1295 Electrophilic Alkene and Alkyne Complexes. **2012**, 191-240
- 1294 Metal-Catalyzed C-Heteroatom Cross-Coupling Reactions. **2012**, 77-109 6
- 1293 Recent advances in the isolation and reactivity of organogold complexes. **2012**, 41, 3129-39 269
- 1292 Azepine synthesis from alkyl azide and propargylic ester via gold catalysis. **2012**, 77, 5184-90 47
- 1291 2.23 Selected Diastereoselective Reactions: Gold Catalyzed Cyclizations. **2012**, 685-737 2
- 1290 Strained small rings in gold-catalyzed rapid chemical transformations. **2012**, 41, 3318-39 166
- 1289 Gold-catalyzed amide synthesis from aldehydes and amines in aqueous medium. **2012**, 48, 4112-4 73
- 1288 Chiral N-Heterocyclic Carbene Gold Complexes: Synthesis, Properties, and Application in Asymmetric Catalysis. **2012**, 31, 8348-8354 42
- 1287 Chemical Synthesis of Complex Molecules Using Nanoparticle Catalysis. **2012**, 2, 65-70 104
- 1286 Transition metal-catalyzed addition of C-, N- and O-nucleophiles to unactivated C≡ multiple bonds. **2012**, 68, 8079-8146 129
- 1285 Chan-Lam coupling reactions: synthesis of heterocycles. **2012**, 68, 7735-7754 185

- 1284 Gold-catalyzed direct cycloketalization of acetonide-tethered alkynes in the presence of water. **2012**, 68, 9391-9396 18
- 1283 Electrophilicity of  $\pi$ -oxo gold carbene intermediates: halogen abstractions from halogenated solvents leading to the formation of chloro/bromomethyl ketones. **2012**, 10, 3168-71 96
- 1282 Rhodium-catalyzed intra- and intermolecular [5 + 2] cycloaddition of 3-acyloxy-1,4-enyne and alkyne with concomitant 1,2-acyloxy migration. **2012**, 134, 5211-21 92
- 1281 Gold(I)-catalyzed intramolecular hydroamination and ring-opening of sulfonamide-substituted 2-(arylmethylene)cyclopropylcarbinols. **2012**, 10, 3763-6 18
- 1280 Enantioselective gold-catalyzed synthesis of polycyclic indolines. **2012**, 14, 1350-3 193
- 1279 Gold nanoparticles as computerized tomography (CT) contrast agents. **2012**, 2, 12515 106
- 1278 Ullmann Homocoupling Catalysed by Gold Nanoparticles in Water and Ionic Liquid. **2012**, 354, 2777-2788 37
- 1277 Recent Developments in Enantioselective Metal-Catalyzed Domino Reactions. **2012**, 354, 3347-3403 151
- 1276 Synthesis of Azocino[5,4-b]indoles via Gold-Catalyzed Intramolecular Alkyne Hydroarylation. **2012**, 354, 2841-2848 76
- 1275 Catalytic Electrophilic Halogenation of Silyl-Protected and Terminal Alkynes: Trapping Gold(I) Acetylides vs. a Brønsted Acid-Promoted Reaction. **2012**, 354, 3217-3224 35
- 1274 Tuning the reactivity of Au-complexes in an Au(I)/chiral Brønsted acid cooperative catalytic system: an approach to optically active fused 1,2-dihydroisoquinolines. **2012**, 48, 3094-6 65
- 1273 Gold Redox Catalytic Cycles for the Oxidative Coupling of Alkynes. **2012**, 2, 121-126 69
- 1272 Synthetic routes to [Au(NHC)(OH)] (NHC = N-heterocyclic carbene) complexes. **2012**, 41, 5461-3 43
- 1271 Synthesis of the tetracyclic core of berkelic acid using gold(I)-catalyzed hydroarylation and oxidative radical cyclizations. **2012**, 14, 5820-3 19
- 1270 Gold-catalyzed formation of oxonium ions from enynes and their intra- and intermolecular trapping with allylsilanes. **2012**, 14, 410-3 14
- 1269 Gold catalysis on immobilized substrates: a heteroannulation approach to the solid-supported synthesis of indoles. **2012**, 10, 2514-7 21
- 1268 Reductant-directed formation of PS-PAMAM-supported gold nanoparticles for use as highly active and recyclable catalysts for the aerobic oxidation of alcohols and the homocoupling of phenylboronic acids. **2012**, 48, 6235-7 55
- 1267 Gold-Alkyne Complexes. **2012**, 153-173 9

1266	Rhodium-catalyzed carbonylation of 3-acyloxy-1,4-enynes for the synthesis of cyclopentenones. <b>2012</b> , 14, 1584-7	40
1265	Gold-platinum alloys and Vegard's law on the nanoscale. <b>2012</b> , 86,	15
1264	Nano-scale Au supported on Fe <sub>3</sub> O <sub>4</sub> : characterization and application in the catalytic treatment of 2,4-dichlorophenol. <b>2012</b> , 23, 294002	10
1263	A DFT-based analysis of the gold-catalyzed cycloisomerization of 1-siloxy 1,5-enynes to cyclohexadienes. <b>2012</b> , 77, 6231-8	16
1262	Mechanistic Studies of Azaphilic versus Carbophilic Activation by Gold(I) in the Gold/Palladium Dual-Catalyzed Rearrangement of Alkenyl Vinyl Aziridines. <b>2012</b> , 31, 6843-6850	63
1261	Cycloisomerization versus hydration reactions in aqueous media: a Au(III)-NHC catalyst that makes the difference. <b>2012</b> , 14, 2520-3	84
1260	Gold(I), Gold(III), and Heterometallic Gold(I)Silver(I) and Gold(I)Copper(I) Complexes of a Pyridazine-Bridged NHC/Pyrazole Hybrid Ligand and Their Initial Application in Catalysis. <b>2012</b> , 31, 5025-5033	25
1259	Gold-Mediated Insertion of Oxygen into SiliconSilicon Bond: An Original Au(I)/Au(III) Redox Sequence. <b>2012</b> , 31, 6001-6004	36
1258	The Role of Gold Acetylides as a Selectivity Trigger and the Importance of gem-Diaurated Species in the Gold-Catalyzed Hydroarylation-Aromatization of Arene-Diyne. <b>2012</b> , 31, 644-661	283
1257	Alkaloid Synthesis. <b>2012</b> ,	5
1256	Au(III)-catalyzed tandem amination-hydration of alkynes: synthesis of $\beta$ -(N-2-pyridonyl)ketones. <b>2012</b> , 14, 874-7	32
1255	Formation of five- and seven-membered rings enabled by the triisopropylsilyl auxiliary group. <b>2012</b> , 14, 414-7	38
1254	Homogeneous Gold Catalysis: Hydration of 1,2-Diphenylacetylene with Methanol in Aqueous Media. A Theoretical Viewpoint. <b>2012</b> , 31, 3074-3080	39
1253	Golden Times for Allenes. <b>2012</b> , 193-209	
1252	Structure and surface chemistry of gold-based model catalysts. <i>Chemical Reviews</i> , <b>2012</b> , 112, 2987-3054	68.1 213
1251	Novel intercluster compound between a heptakis(triphenylphosphinegold(I))dioxonium cation and an $\beta$ -Keggin polyoxometalate anion. <b>2012</b> , 41, 10085-90	15
1250	Hydration and Hydroalkoxylation of CC Multiple Bonds. <b>2012</b> , 201-235	12
1249	Regioselectivity switch: gold(I)-catalyzed oxidative rearrangement of propargyl alcohols to 1,3-diketones. <b>2012</b> , 77, 7761-7	123

1248	Oxidation of Alcohols and Carbohydrates. <b>2012</b> , 309-329	1
1247	Applications of Gold-Catalyzed Reactions to Natural Product Synthesis. <b>2012</b> , 331-362	4
1246	Total synthesis of dendrobate alkaloid (+)-241D, isosolenopsin and isosolenopsin A: application of a gold-catalyzed cyclization. <b>2012</b> , 10, 5541-6	33
1245	Efficient synthesis of $\beta$ -enamiones and $\beta$ -enaminoesters catalyzed by gold (I)/silver (I) under solvent-free conditions. <b>2012</b> , 17, 2812-22	15
1244	[1,3-Bis(2,6-diisopropylphenyl)imidazol-2-ylidene]chloridogold(I). <b>2012</b> , 68, m1-3	1
1243	Mononuclear gold(I) acetylide complexes with urea group: synthesis, characterization, photophysics, and anion sensing properties. <b>2012</b> , 51, 5099-109	42
1242	Catalytic oxidation/C-H functionalization of N-arylpropiolamides by means of gold carbenoids: concise route to 3-acyloxindoles. <b>2012</b> , 48, 7082-4	101
1241	Cationic Gold Catalysis with Pyridine-Tethered Au(III) NHC-Carbenes: An Experimental and DFT Computational Study. <b>2012</b> , 31, 4320-4330	35
1240	Relativistic effects in chemistry: more common than you thought. <b>2012</b> , 63, 45-64	330
1239	Total synthesis of (-)-atrop-abyssoomicin C. <b>2012</b> , 51, 5687-91	59
1238	Gold-catalyzed furan/yne cyclizations for the regiodefined assembly of multisubstituted protected 1-naphthols. <b>2012</b> , 77, 1915-21	39
1237	Formal intermolecular [2 + 2] cycloaddition reaction of allenamide [corrected] with alkenes via gold catalysis. <b>2012</b> , 14, 436-9	102
1236	Recent Advances in Transition Metal-Catalyzed O-Glycosylations. <b>2012</b> , 31, 284-324	48
1235	Rhodium-catalyzed carbonylation of cyclopropyl substituted propargyl esters: a tandem 1,3-acyloxy migration [5 + 1] cycloaddition. <b>2012</b> , 77, 6463-72	39
1234	Acyclic Aminocarbenes in Catalysis. <b>2012</b> , 2, 1802-1816	143
1233	Hydrogen activation by 2-boryl-N,N-dialkylanilines: a revision of Piers' ansa-aminoborane. <b>2012</b> , 41, 9029-32	92
1232	Au(I)-catalyzed intramolecular hydroamination of the fluorinated N'-aryl-N-propargyl amidines: mild conditions for the synthesis of 2-fluoroalkyl imidazole derivatives. <b>2012</b> , 14, 1130-3	55
1231	From propargylic amides to functionalized oxazoles: domino gold catalysis/oxidation by dioxygen. <b>2012</b> , 77, 6394-408	126

1230	Amide-Functionalized Bis(NHC) Systems: Anion Effect on Gold-Gold Interactions. <b>2012</b> , 2012, 3892-3898	23
1229	Isolated Silver Intermediate of Gold Precatalyst Activation. <b>2012</b> , 2012, 2863-2867	58
1228	New Linearly and Angularly Fused Quinazolinones: Synthesis through Gold(I)-Catalyzed Cascade Reactions and Anticancer Activities. <b>2012</b> , 2012, 1790-1799	36
1227	Gold-catalyzed cycloisomerization of 1,7-diyne benzoates to indeno[1,2-c]azepines and azabicyclo[4.2.0]octa-1(8),5-dienes. <b>2012</b> , 134, 10811-4	88
1226	Catalysis by metal nanoparticles embedded on metal-organic frameworks. <b>2012</b> , 41, 5262-84	822
1225	Experimental and computational evidence for gold vinylidenes: generation from terminal alkynes via a bifurcation pathway and facile C-H insertions. <b>2012</b> , 134, 31-4	288
1224	An Alternative Approach to Direct Aldol Reaction Based on Gold-Catalyzed Methoxyl Transfer. <b>2012</b> , 354, 981-985	31
1223	Catalytic C-F Bond Activation of Perfluoroarenes by Tricoordinated Gold(I) Complexes. <b>2012</b> , 354, 1529-1541	61
1222	Microwave-Assisted Synthesis of Pyrazino[2,1-b]quinazolines and 3-Indolyl-2(1H)-pyrazinones Employing a Chemoselective Silver(I)- and Gold(I)-Catalyzed Reaction. <b>2012</b> , 354, 1593-1599	39
1221	A General Method For the Synthesis of 5H-Benzo[b]-, Carbazolo[2,3-b]- and Indolo[2,3-b]carbazole Derivatives via Copper(II) Triflate-Catalyzed Heteroannulation. <b>2012</b> , 354, 1566-1578	26
1220	The Combination of Relay and Cooperative Catalysis with a Gold/Palladium/Brønsted Acid Ternary System for the Cascade Hydroamination/Allylic Alkylation Reaction. <b>2012</b> , 354, 975-980	54
1219	Gold(I)-Catalyzed Intermolecular [2+2] Cycloadditions between Allenamides and Alkenes. <b>2012</b> , 354, 1658-1664	90
1218	Gold-Catalysis: Highly Efficient and Regio-Selective Carbonyl Migration in Alkynyl-Substituted Indole-3-Carboxamides Leading to Azepino[3,4-b]indol-1-ones. <b>2012</b> , 354, 1273-1279	89
1217	A New Mode of Cyclization of Enynes: Synthesis of Cycloalkyl Ketones through a Platinum-Catalyzed Hydrative Cycloisomerization Reaction. <b>2012</b> , 354, 2141-2145	13
1216	ImmunoPods: Polymer Shells with Native Antibody Cross-Links. <b>2012</b> , 124, 1195-1198	4
1215	Strong Electronic and Counterion Effects on Geminal Digold Formation and Reactivity as Revealed by Gold(I)Aryl Model Complexes. <b>2012</b> , 124, 2502-2506	39
1214	Enantioselective Alkynylbenzaldehyde Cyclizations Catalyzed by Chiral Gold(I) Acyclic Diaminocarbene Complexes Containing Weak AuArene Interactions. <b>2012</b> , 124, 2966-2969	69
1213	Gold-Catalyzed Oxidative Cyclizations of cis-3-En-1-yne To Form Cyclopentenone Derivatives. <b>2012</b> , 124, 2993-2996	63

1212	Total Synthesis of Hatrop-Abyssomicin C. <b>2012</b> , 124, 5785-5789	20
1211	Isolable Tris(alkyne) and Bis(alkyne) Complexes of Gold(I). <b>2012</b> , 124, 4006-4009	9
1210	Gold-Catalyzed Carbene Transfer to Alkynes: Access to 2,4-Disubstituted Furans. <b>2012</b> , 124, 4759-4762	60
1209	Chromium(0)-Catalyzed Tandem Cyclization of $\beta,\mu$ -Unsaturated Thioimidates Containing an Enyne Moiety. <b>2012</b> , 124, 6318-6322	5
1208	Gold-Catalyzed Cyclization of 1,6-Diyne-4-en-3-ols: Stannyl Transfer from 2-Tributylstannylfuran Through Au/Sn Transmetalation. <b>2012</b> , 124, 6285-6290	22
1207	Total Synthesis of Neurymenolide A Based on a Gold-Catalyzed Synthesis of 4-Hydroxy-2-pyrones. <b>2012</b> , 124, 7035-7039	67
1206	Access to Electron-Rich Arene-Fused Hexahydroquinolizinones through a Gold-Catalysis-Initiated Cascade Process. <b>2012</b> , 124, 7413-7416	13
1205	Intermolecular Gold-Catalyzed Diastereo- and Enantioselective [2+2+3] Cycloadditions of 1,6-Enynes with Nitrones. <b>2012</b> , 124, 7955-7958	27
1204	Gold-Gold Cooperation in the Addition of Methanol to Alkynes. <b>2012</b> , 124, 8503-8507	24
1203	The chemistry of the polycyclic polyprenylated acylphloroglucinols. <b>2012</b> , 51, 4536-61	111
1202	Enantioselective alkynylbenzaldehyde cyclizations catalyzed by chiral gold(I) acyclic diaminecarbene complexes containing weak Au-arene interactions. <b>2012</b> , 51, 2912-5	191
1201	Gold-catalyzed oxidative cyclizations of cis-3-en-1-yne to form cyclopentenone derivatives. <b>2012</b> , 51, 2939-42	151
1200	Isolable tris(alkyne) and bis(alkyne) complexes of gold(I). <b>2012</b> , 51, 3940-3	45
1199	Gold-catalyzed carbene transfer to alkynes: access to 2,4-disubstituted furans. <b>2012</b> , 51, 4681-4	139
1198	Chromium(0)-catalyzed tandem cyclization of $\beta,\mu$ -unsaturated thioimidates containing an enyne moiety. <b>2012</b> , 51, 6214-8	19
1197	Gold-catalyzed cyclization of 1,6-diyne-4-en-3-ols: stannyl transfer from 2-tributylstannylfuran through Au/Sn transmetalation. <b>2012</b> , 51, 6181-6	53
1196	Total synthesis of neurymenolide A based on a gold-catalyzed synthesis of 4-hydroxy-2-pyrones. <b>2012</b> , 51, 6929-33	125
1195	Access to electron-rich arene-fused hexahydroquinolizinones through a gold-catalysis-initiated cascade process. <b>2012</b> , 51, 7301-4	41



- 1194 Intermolecular gold-catalyzed diastereo- and enantioselective [2+2+3] cycloadditions of 1,6-enynes with nitrones. **2012**, 51, 7835-8 67
- 1193 Gold-catalyzed synthesis of furans and furanones from sulfur ylides. **2012**, 51, 8886-90 106
- 1192 Gold-catalyzed one-step construction of 2,3-dihydro-1H-Pyrrolizines with an electron-withdrawing group in the 5-position: a formal synthesis of 7-methoxymitosene. **2012**, 51, 8624-7 138
- 1191 Gold-gold cooperation in the addition of methanol to alkynes. **2012**, 51, 8378-82 72
- 1190 Chirality transfer and memory of chirality in gold-catalyzed reactions. **2012**, 7, 2186-94 85
- 1189 Diastereoselective total synthesis of (–)-schindilactone A, Part 1: Construction of the ABC and FGH ring systems and initial attempts to construct the CDEF ring system. **2012**, 7, 2321-33 44
- 1188 Mechanism of the transition-metal-catalyzed hydroarylation of bromo-alkynes revisited: hydrogen versus bromine migration. **2012**, 18, 5401-15 51
- 1187 Gold- and silver-catalyzed reactions of propargylic alcohols in the presence of protic additives. **2012**, 18, 4748-58 84
- 1186 Gold(I)-catalyzed unprecedented rearrangement reaction between 2-aminobenzaldehydes with propargyl amines: an expedient route to 3-aminoquinolines. **2012**, 18, 5530-5 24
- 1185 Factors controlling the equilibrium of Pt-catalyzed [1,2]- versus [1,3]-acyloxy migration. **2012**, 18, 4495-8 16
- 1184 Pd-catalyzed asymmetric synthesis of N-allenyl amides and their Au-catalyzed cycloisomerizative hydroalkylation: a new route toward enantioenriched pyrrolidones. **2012**, 18, 3840-4 46
- 1183 Combining gold and palladium catalysis: one-pot access to pentasubstituted arenes from furan-yne and en-diyne substrates. **2012**, 18, 8113-9 44
- 1182 Ethynyl benziodoxolones for the direct alkynylation of heterocycles: structural requirement, improved procedure for pyrroles, and insights into the mechanism. **2012**, 18, 5655-66 135
- 1181 Merging organocatalysis and gold catalysis--a critical evaluation of the underlying concepts. **2012**, 18, 10212-25 181
- 1180 Gold(I)-catalyzed rearrangement of 3-silyloxy-1,5-enynes: an efficient synthesis of benzo[b]thiophenes, dibenzothiophenes, dibenzofurans, and indole derivatives. **2012**, 18, 6576-80 114
- 1179 Gold(I)-catalysed cycloisomerisation of 1,6-cyclopropene-enes. **2012**, 18, 7810-22 61
- 1178 Gold(I)-catalyzed cycloisomerization of nitrogen- and oxygen-tethered alkylidenecyclopropanes to tricyclic compounds. **2012**, 18, 7026-9 38
- 1177 An efficient method for the synthesis of alkylidenecyclobutanones by gold-catalyzed oxidative ring enlargement of vinylidenecyclopropanes. **2012**, 18, 10501-5 38

- 1176 Cationic gallium(III) halide complexes: a new generation of Lewis acids. **2012**, 18, 10239-43 65
- 1175 C-H activation: a complementary tool in the total synthesis of complex natural products. **2012**, 18, 9452-74 440
- 1174 Catalysis by supported gold nanoparticles: beyond aerobic oxidative processes. *Chemical Reviews*, **2012**, 112, 4469-506 68.1 691
- 1173 Gold meets enamine catalysis in the enantioselective  $\alpha$ -allylic alkylation of aldehydes with alcohols. **2012**, 3, 2859 56
- 1172 The role of cyclobutenes in gold(I)-catalysed skeletal rearrangement of 1,6-enynes. **2012**, 10, 6105-11 49
- 1171 Highly efficient three-component coupling reaction catalyzed by gold nanoparticles supported on periodic mesoporous organosilica with ionic liquid framework. **2012**, 48, 8961-3 114
- 1170 Gold(III) Compounds for Homogeneous Catalysis: Preparation, Reaction Conditions, and Scope of Application. **2012**, 37, 1187-1225 78
- 1169 Electrochemical monitoring of the oxidative coupling of alkynes catalyzed by triphenylphosphine gold complexes. **2012**, 19, 145-148 9
- 1168 Steric tuning of C2-symmetric chiral N-heterocyclic carbene in gold-catalyzed asymmetric cyclization of 1,6-enynes. **2012**, 68, 4159-4165 30
- 1167 Efficient AgOTf or Ph<sub>3</sub>PAuCl/AgSbF<sub>6</sub> catalyzed cyclization of 1-hydroxy-2-alkynylallylphosphonates/2-alkynylallyl alcohols to 2-furylphosphonates/2,3,5-trisubstituted furans. **2012**, 53, 3831-3834 22
- 1166 An efficient synthesis of 2-trifluoromethyl quinolines via gold-catalyzed cyclization of trifluoromethylated propargylamines. **2012**, 135, 195-199 33
- 1165 The Best of Two Worlds from the Gold Catalysis Universe: Making Homogeneous Heterogeneous. **2012**, 4, 18-29 38
- 1164 Bimetallic catalysis using transition and Group 11 metals: an emerging tool for C-C coupling and other reactions. **2012**, 18, 1864-84 174
- 1163 Gold(I)-catalyzed stereoselective synthesis of alkenyl phosphates by hydrophosphoryloxylation. **2012**, 18, 1064-7 22
- 1162 On Homogeneous Gold/Palladium Catalytic Systems. **2012**, 354, 133-147 169
- 1161 Dual roles of polyhydroxy matrices in the homocoupling of arylboronic acids catalyzed by gold nanoclusters under acidic conditions. **2012**, 7, 55-9 43
- 1160 Chemical synthesis of the englerins. **2012**, 7, 22-35 42
- 1159 Gold-Catalyzed Intermolecular [4+2] and [2+2+2] Cycloadditions of Ynamides with Alkenes. **2012**, 124, 117-121 46

1158	Ausnutzung der elektrophilen Eigenschaften von Indol-Intermediaten: neue Optionen in der Planung asymmetrischer Reaktionen. <b>2012</b> , 124, 46-49	53
1157	Gold-catalyzed intermolecular [4+2] and [2+2+2] cycloadditions of ynamides with alkenes. <b>2012</b> , 51, 113-7	117
1156	Immunopods: polymer shells with native antibody cross-links. <b>2012</b> , 51, 1169-72	6
1155	Exploiting the electrophilic properties of indole intermediates: new options in designing asymmetric reactions. <b>2012</b> , 51, 46-8	131
1154	Strong electronic and counterion effects on geminal digold formation and reactivity as revealed by gold(I)-aryl model complexes. <b>2012</b> , 51, 2452-6	88
1153	Silver(I)-catalyzed addition-cyclization of alkyne-functionalized azomethines. <b>2013</b> , 15, 874-7	25
1152	Quantum chemical modeling of the activation and oxidation of light alkanes under mild conditions by Au(I) complexes with bioflavonoids. <b>2013</b> , 54, 168-178	6
1151	A hexanuclear gold cluster supported by three-center-two-electron bonds and aurophilic interactions. <b>2013</b> , 52, 9023-6	35
1150	Calcium-Catalyzed Cycloisomerization of Enynes. <b>2013</b> , 355, 1943-1947	16
1149	Gold-Catalyzed Highly Diastereoselective Synthesis of Functionalized 3,4-Disubstituted Butyrolactams via Phosphatylxy or Carbonate Double Migrations. <b>2013</b> , 355, 2037-2043	21
1148	Straightforward synthesis of [Au(NHC)X] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <b>2013</b> , 49, 5541-3	172
1147	Total synthesis and biological evaluation of (-)-atrop-abyssomicin C. <b>2013</b> , 11, 5413-24	41
1146	Cyclometallated Gold(III) Complexes as Effective Catalysts for Synthesis of Propargylic Amines, Chiral Allenes and Isoxazoles. <b>2013</b> , 355, 2055-2070	80
1145	Generation and Structural Characterization of a Gold(III) Alkene Complex. <b>2013</b> , 125, 1704-1707	24
1144	Characterization of pericyclic steps in the mechanisms of Gold(I) catalyzed rearrangement of alkynes. <b>2013</b> , 3, 211-225	5
1143	Synthesis of functionalized oxazoles via silver-catalyzed cyclization of propargylamides and allenylamides. <b>2013</b> , 78, 7714-26	36
1142	Gold-catalyzed domino aminocyclization/1,3-sulfonyl migration of N-substituted N-sulfonyl-aminobut-3-yn-2-ols to 1-substituted 3-sulfonyl-1H-pyrroles. <b>2013</b> , 78, 7508-17	52
1141	Rhodium- and Platinum-Catalyzed [4+3] Cycloaddition with Concomitant Indole Annulation: Synthesis of Cyclohepta[b]indoles. <b>2013</b> , 125, 3319-3322	39

- 1140 Formation and stability of 3-5 atom gold clusters from gold complexes during the catalytic reaction: dependence on ligands and counteranions. **2013**, 49, 7782-4 26
- 1139 Substrate selectivity in the alkyne hydration mediated by NHC-Au(I) controlled by encapsulation of the catalyst within a hydrogen bonded hexameric host. **2013**, 3, 2898 49
- 1138 Ag-carbenoid-initiated catalytic hydration cascades: rapid construction of functionalized bicyclo[3.3.1]nonanes. **2013**, 15, 2362-5 19
- 1137 Gold (III) Chloride-Catalyzed 6-- Oxa-Michael Addition Reactions for Diastereoselective Synthesis of Fused Tetrahydropyranones. **2013**, 355, 2077-2082 12
- 1136 Catalysis with Gold Complexes Immobilised on Carbon Nanotubes by  $\pi$ -Stacking Interactions: Heterogeneous Catalysis versus the Boomerang Effect. **2013**, 19, 12009-17 55
- 1135 Probing the nature of gold-carbon bonding in gold-alkynyl complexes. **2013**, 4, 2223 44
- 1134 Organogold Complexes: An Important Role in Homogenous Catalysis and a Golden Future as Heterogenized (Hybrid) Materials. **2013**, 105-121 1
- 1133 Gold(I)-catalysed direct allylic etherification of unactivated alcohols. **2013**, 49, 4262-4 24
- 1132 Gold(I) catalysed cycloisomerisation of  $\beta$ -hydroxy propargylic esters to dihydropyrans/2H-pyrans via allene intermediates. **2013**, 69, 8002-8012 14
- 1131 Skeletal Rearrangement Reactions. **2013**, 743-771 3
- 1130 Formal [4 + 2] Benzannulation via Pyrylium Intermediates. **2013**, 379-398 4
- 1129 A new recoverable Au(III) catalyst supported on magnetic polymer nanocomposite for aromatic bromination. **2013**, 54, 1063-1066 32
- 1128 Synthesis of indole-2-, 3-, or 5-substituted propargylamines via gold(III)-catalyzed three component reaction of aldehyde, alkyne, and amine in aqueous medium. **2013**, 69, 8025-8033 31
- 1127 Gold(I)-Catalyzed Functionalization of Benzhydryl C(sp<sup>3</sup>)H Bonds. **2013**, 355, 2227-2231 26
- 1126 From ynamides to highly substituted benzo[b]furans: gold(I)-catalyzed 5-endo-dig-cyclization/rearrangement of alkylic oxonium intermediates. **2013**, 19, 12504-11 60
- 1125 From Carbon Dioxide to Valuable Products under Homogeneous Catalysis. **2013**, 563-586 4
- 1124 Alkali-metal-mediated zincation (AMMZn) meets N-heterocyclic carbene (NHC) chemistry: Zn-H exchange reactions and structural authentication of a dinuclear Au(I) complex with a NHC anion. **2013**, 4, 4259 71
- 1123 Azido, triazolyl, and alkynyl complexes of gold(I): syntheses, structures, and ligand effects. **2013**, 52, 9659-68 18

1122	Carbene transfer from triazolylidene gold complexes as a potent strategy for inducing high catalytic activity. <b>2013</b> , 135, 13193-203	115
1121	Carbene Transfer [A New Pathway for Propargylic Esters in Gold Catalysis. <b>2013</b> , 355, 2481-2487	61
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1114	Palladium-catalyzed carbene migratory insertion using conjugated ene-yne-ketones as carbene precursors. <b>2013</b> , 135, 13502-11	139
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1109	Gold and BINOL-phosphoric acid catalyzed enantioselective hydroamination/N-sulfonyliminium cyclization cascade. <b>2013</b> , 15, 4330-3	71
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- 1104 Gold(I)-catalyzed endo-selective intramolecular  $\beta$ -alkenylation of  $\beta$ -yne-furans: synthesis of seven-membered-ring-fused furans and DFT calculations. **2013**, 52, 14157-61 61
- 1103 Gold-catalyzed oxazoles synthesis and their relevant antiproliferative activities. **2013**, 24, 1064-1066 21
- 1102 A theoretical DFT-based and experimental study of the transmetalation step in Au/Pd-mediated cross-coupling reactions. **2013**, 19, 15290-303 46
- 1101 Cascade hydroamination/redox reaction for the synthesis of cyclic amins catalyzed by a combined gold complex and Brønsted acid. **2013**, 19, 5232-7 77
- 1100 Very Small (38 Atoms) Gold Cluster Catalyzed Carbon-Carbon and Carbon-Heteroatom Bond-Forming Reactions in Solution. **2013**, 5, 3509-3515 33
- 1099 Protonation-induced chromism of pyridylethynyl-appended [core+exo]-type Au<sub>8</sub> clusters. Resonance-coupled electronic perturbation through  $\pi$ -conjugated group. **2013**, 135, 16078-81 99
- 1098 Selectivity control by silver catalysts in the cycloisomerization of 1,6-enynes derived from propiolamides. **2013**, 54, 834-839 14
- 1097 Gold(I)-catalyzed cascade approach for the synthesis of tryptamine-based polycyclic privileged scaffolds as  $\beta$ 1-adrenergic receptor antagonists. **2013**, 78, 10802-11 29
- 1096 Flexible and practical synthesis of anthracenes through gold-catalyzed cyclization of o-alkynyldiarylmethanes. **2013**, 15, 5542-5 39
- 1095 Bis-cyclometallated gold(III) complexes as efficient catalysts for synthesis of propargylamines and alkylated indoles. **2013**, 49, 8869-71 40
- 1094 Selective oxidation of alcohols to aldehydes/ketones over copper oxide-supported gold catalysts. **2013**, 299, 10-19 94
- 1093 Vicinal bisheterocyclizations of alkynes via nucleophilic interception of a catalytic platinum carbene. **2013**, 135, 17266-9 34
- 1092 A covalently anchored homogeneous gold complex on carbon nanotubes: a reusable catalyst. **2013**, 49, 10504-6 14
- 1091 Sonogashira Reactions Using Nanocatalysts. **2013**, 89-131 1
- 1090 Homogeneous and heterogenised new gold C-scorpionate complexes as catalysts for cyclohexane oxidation. **2013**, 3, 3056 81
- 1089 Catalytic cascade hydroalkoxylation/isomerization/ [4 + 2] cycloaddition using enyne alcohols as latent dienes or dienophiles. **2013**, 11, 6707-12 20
- 1088 A Hexanuclear Gold Cluster Supported by Three-Center-Two-Electron Bonds and Auophilic Interactions. **2013**, 125, 9193-9196 14
- 1087 Gold-Catalyzed Oxidative Rearrangement Involving 1,2-Acyl Migration: Efficient Synthesis of Functionalized Dihydro- $\beta$ -Carbolines from  $\beta$ -(2-Indolyl) Propargylic Alcohols and Imines. **2013**, 125, 13544-13548 34

1086	1,6-Carbene transfer: gold-catalyzed oxidative diyne cyclizations. <b>2013</b> , 135, 15662-6	142
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1084	Bulk gold (non-nanogold) catalysis of aerobic oxidations of amines, isocyanides, carbon monoxide, and carbene precursors. <b>2013</b> , 3, 279-296	45
1083	Synthesis of Bioactive Natural Products by Propargylic Carboxylic Ester Rearrangements. <b>2013</b> , 40, 51-69	1
1082	Gold-catalyzed hydration of haloalkynes to $\alpha$ -halomethyl ketones. <b>2013</b> , 78, 9190-5	90
1081	$\eta^2$ -Diauration as an alternative binding mode for digold intermediates in gold(i) catalysis. <b>2013</b> , 47, 335-338	57
1080	Mechanism of the gold(III)-catalyzed isomerization of substituted allenes to conjugated dienes: a DFT study. <b>2013</b> , 78, 9715-24	21
1079	Synthesis of benzannulated spiroacetals using chiral gold $\beta$ phosphine complexes and chiral anions. <b>2013</b> , 54, 5865-5868	31
1078	Gold-catalyzed cascade C $\equiv$ C and C $\equiv$ N bond formation: synthesis of polysubstituted indolequinones and pyrroles. <b>2013</b> , 54, 5898-5900	25
1077	Increasing the structural span of alkyne metathesis. <b>2013</b> , 19, 13047-58	82
1076	Gold(I)-catalyzed 6-endo-dig hydrative cyclization of an alkyne-tethered ynamide: access to 1,6-dihydropyridin-2(3H)ones. <b>2013</b> , 19, 9428-33	64
1075	Transmetalation between Au(I) and Sn(IV) complexes. The reaction mechanism in non-coordinating and coordinating polar solvents. <b>2013</b> , 404, 105-112	5
1074	Synthesis of gem-diaurated species from alkynols. <b>2013</b> , 19, 3932-42	40
1073	Gold-catalyzed synthesis of iodofulvenes. <b>2013</b> , 19, 8634-41	73
1072	Synthesis of 2-vinyl-2H-benzotriazoles via NIS-promoted regio/stereoselective addition of 1H-benzotriazole to alkynes. <b>2013</b> , 3, 18446	8
1071	Enantioselective Gold(I) Catalysis with Chiral Monodentate Ligands. <b>2013</b> , 53, 848-855	47
1070	Gold-mediated selective cysteine modification of peptides using allenes. <b>2013</b> , 49, 1428-30	41
1069	Synthesis, characterisation, and oxygen atom transfer reactions involving the first gold(I)-alkylperoxo complexes. <b>2013</b> , 49, 10745-7	16

1068	The tandem intermolecular hydroalkoxylation/Claisen rearrangement. <b>2013</b> , 49, 4157-9	54
1067	Deactivation of gold(I) catalysts in the presence of thiols and amines--characterisation and catalysis. <b>2013</b> , 42, 9645-53	33
1066	Two types of tetranuclear phosphane-gold(I) cations as dimers of dinuclear units, $[(Au\{P(p-RPh)3\})_2(OH)]_2^{2+}$ (R = Me, F), synthesized by polyoxometalate-mediated clusterization. <b>2013</b> , 42, 11418-25	14
1065	In situ generation of active species $NO^+$ for the aerobic oxidative deprotection of aldoximes catalyzed by $FeCl_3/TEMPO$ . <b>2013</b> , 3, 22918	17
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1061	Metal complex catalysis in living biological systems. <b>2013</b> , 49, 1581-7	166
1060	Synthesis of enantioenriched aza-proline derivatives through gold(I)-catalyzed cyclization of chiral $\beta$ -hydrazino esters. <b>2013</b> , 78, 427-37	16
1059	The development of gold catalysts for use in hydrogenation reactions. <b>2013</b> , 48, 543-564	76
1058	Development of a gold-multifaceted catalysis approach to the synthesis of highly substituted pyrroles: mechanistic insights via Huisgen cycloaddition studies. <b>2013</b> , 78, 920-34	42
1057	Efficient general procedure to access a diversity of gold(0) particles and gold(I) phosphine complexes from a simple $HAuCl_4$ source. Localization of homogeneous/heterogeneous system's interface and field-emission scanning electron microscopy study. <b>2013</b> , 135, 3550-9	29
1056	Stereoselective intramolecular cyclopropanation through catalytic olefin activation. <b>2013</b> , 4, 1105	59
1055	Gold-Catalyzed Mannich Addition Reactions of 1,3-Dicarbonyl Compounds with N-Protected Imines. <b>2013</b> , 2013, 31-34	6
1054	Transition metal-mediated synthesis of monocyclic aromatic heterocycles. <i>Chemical Reviews</i> , <b>2013</b> , 113, 3084-213	68.1 780
1053	A conceptual translation of homogeneous catalysis into heterogeneous catalysis: homogeneous-like heterogeneous gold nanoparticle catalyst induced by ceria supporter. <b>2013</b> , 5, 1213-20	29
1052	Propargyl vinyl ethers as heteroatom-tethered enyne surrogates: diversity-oriented strategies for heterocycle synthesis. <b>2013</b> , 49, 2272-83	45
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1050	Abnormal N-Heterocyclic Carbene Gold(I) Complexes: Synthesis, Structure, and Catalysis in Hydration of Alkynes. <b>2013</b> , 32, 164-171	55
1049	Gold(I)-catalyzed aminohalogenation of fluorinated N'-aryl-N-propargyl amidines for the synthesis of imidazole derivatives under mild conditions. <b>2013</b> , 19, 1496-501	53
1048	Gold(I)-catalyzed Claisen rearrangement of allenyl vinyl ethers: missing transition states revealed through evolution of aromaticity, Au(I) as an oxophilic Lewis acid, and lower energy barriers from a high energy complex. <b>2013</b> , 78, 2059-73	43
1047	Rhodium-catalyzed tandem Pauson-Khand type reactions of 1,4-enynes tethered by a cyclopropyl group. <b>2013</b> , 49, 698-700	21
1046	Application of 1,2,3-triazolylidenes as versatile NHC-type ligands: synthesis, properties, and application in catalysis and beyond. <b>2013</b> , 49, 1145-59	313
1045	Gold-vermittelte Cyclisierung: ob sechsgliedriges mesoionisches Carben oder acyclischer (Aryl)(heteroaryl)-Carbenkomplex entscheidend ist die Oxidationsstufe. <b>2013</b> , 125, 787-790	19
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1042	Straightforward synthetic access to gem-diaurated and digold $\mu$ -acetylide species. <b>2013</b> , 52, 938-42	80
1041	Gold catalysis: catalyst oxidation state dependent dichotomy in the cyclization of furan-yne systems with aromatic tethers. <b>2013</b> , 19, 382-9	39
1040	Gold-catalyzed formation of heterocycles - an enabling new technology for medicinal chemistry. <b>2013</b> , 10, e3-14	20
1039	Reusable Catalysts for Copper-Mediated Cross-Coupling Reactions under Heterogeneous Conditions. <b>2013</b> , 745-784	3
1038	GOLD-CATALYZED CASCADE REACTIONS. <b>2013</b> , 145-177	6
1037	Katalytische asymmetrische Synthese von Allylkoholen und Allylkohol-Derivaten und deren Anwendung in der organischen Synthese. <b>2013</b> , 125, 1942-1986	66
1036	Asymmetric Intramolecular Hydroamination of Allenes using Mononuclear Gold Catalysts. <b>2013</b> , 32, 5589-5600	44
1035	Synthesis, X-ray crystallography, and photoluminescence studies of four coordinate gold(I) complexes with the weak Lewis base tri-2-furyl phosphine ligand. <b>2013</b> , 406, 293-300	6
1034	Mechanistic switch in dual gold catalysis of diynes: C(sp <sup>3</sup> )-H activation through bifurcation--vinylidene versus carbene pathways. <b>2013</b> , 52, 2593-8	196
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1030	Gold-catalyzed cycloisomerization of 1,7-enyne esters to structurally diverse cis-1,2,3,6-tetrahydropyridin-4-yl ketones. <b>2013</b> , 78, 3183-95	47
1029	Calcium-catalyzed cyclopropanation. <b>2013</b> , 52, 4016-9	57
1028	Are $\beta$ -H eliminations or alkene insertions feasible elementary steps in catalytic cycles involving gold(I) alkyl species or gold(I) hydrides?. <b>2013</b> , 19, 3954-61	63
1027	Entry to $\beta$ -alkoxyacrylates via gold-catalyzed intermolecular coupling of alkynoates and allylic ethers. <b>2013</b> , 15, 1166-9	19
1026	Gold catalysis: regio- and stereoselective total synthesis of xyloketal D and G and the related natural product alboatrin. <b>2013</b> , 78, 2413-21	35
1025	Synthesis of 1-aminoisoquinolines by gold(III)-mediated domino reactions from 2-alkynylbenzamides and ammonium acetate. <b>2013</b> , 78, 2579-88	37
1024	Chiral gold complex-catalyzed hetero-Diels-Alder reaction of diazenes: highly enantioselective and general for dienes. <b>2013</b> , 135, 3323-6	64
1023	Intermolecular gold-catalyzed cycloaddition of alkynes with oxoalkenes. <b>2013</b> , 19, 3547-51	63
1022	Cationic Gold- and Silver-Catalyzed Cycloisomerizations of Propargylic Ureas: A Selective Entry to Oxazolidin-2-imines and Imidazolidin-2-ones. <b>2013</b> , 355, 781-789	48
1021	Gold Compounds Anchored to a Metalated Arene Scaffold: Synthesis, X-ray Molecular Structures, and Cycloisomerization of Enyne. <b>2013</b> , 32, 1665-1673	15
1020	Mechanistic Investigations of a Stable, Highly Active, Extremely Sterically Shielded Molecular Gold Catalyst. <b>2013</b> , 5, 2330-2335	28
1019	Rhodium- and platinum-catalyzed [4+3] cycloaddition with concomitant indole annulation: synthesis of cyclohepta[b]indoles. <b>2013</b> , 52, 3237-40	94
1018	Dioxygen oxidation of 1-phenylethanol with gold nanoparticles and N-hydroxyphthalimide in ionic liquid. <b>2013</b> , 372, 72-78	29
1017	An expedient route to imidazo[1,4]diazepin-7-ones via a post-Ugi gold-catalyzed heteroannulation. <b>2013</b> , 15, 1874-7	55
1016	Alkyne metathesis on the rise. <b>2013</b> , 52, 2794-819	329
1015	Highly enantiospecific platinum-catalyzed cycloisomerizations: synthesis of enantioenriched oxabicycloheptene derivatives. <b>2013</b> , 15, 1772-5	23

1014	Ag- and Au-catalyzed addition of alcohols to ynimides: regioselective carbonylation and production of oxazoles. <b>2013</b> , 15, 1560-3	27
1013	Gold(I)-Catalyzed Post-Ugi Hydroarylation: An Approach to Pyrrolopyridines and Azepinoindoles. <b>2013</b> , 2013, 2288-2292	34
1012	Unique selectivity in the hydrodechlorination of 2,4-dichlorophenol over hematite-supported Au. <b>2013</b> , 303, 41-49	43
1011	Combining oxidative N-heterocyclic carbene catalysis with click chemistry: a facile one-pot approach to 1,2,3-triazole derivatives. <b>2013</b> , 8, 1489-96	11
1010	[{Au(NHC)} <sub>2</sub> (EDH)][BF <sub>4</sub> ]: Silver-Free and Acid-Free Catalysts for Water-Inclusive Gold-Mediated Organic Transformations. <b>2013</b> , 32, 1106-1111	89
1009	Gold-catalyzed cyclization/oxidative [3+2] cycloadditions of 1,5-enynes with nitrosobenzenes without additional oxidants. <b>2013</b> , 52, 4599-603	49
1008	Design of stable sheet-based cyclic peptide assemblies assisted by metal coordination: selective homo- and heterodimer formation. <b>2013</b> , 19, 4826-34	18
1007	Supramolecular Ligands in Gold(I) Catalysis. <b>2013</b> , 5, 1084-1087	24
1006	Construction of eight-membered carbocycles through gold catalysis with acetylene-tethered silyl enol ethers. <b>2013</b> , 52, 4239-42	61
1005	Gold-catalyzed synthesis of glyoxals by oxidation of terminal alkynes: one-pot synthesis of quinoxalines. <b>2013</b> , 19, 6576-80	107
1004	SnCl <sub>2</sub> -Catalyzed Propargylic Substitution of Propargylic Alcohols with Carbon and Nitrogen Nucleophiles. <b>2013</b> , 2013, 2914-2921	21
1003	Gold-catalyzed cycloisomerization of 1,6-diynyl carbonates and esters to 2,4a-dihydro-1H-fluorenes. <b>2013</b> , 135, 7926-32	114
1002	Optimizing P,N-bidentate ligands for oxidative gold catalysis: efficient intermolecular trapping of $\pi$ -oxo gold carbenes by carboxylic acids. <b>2013</b> , 52, 6508-12	105
1001	[Au( $\eta$ -C <sub>2</sub> H <sub>4</sub> ) <sub>3</sub> ]+[Al(ORF) <sub>4</sub> ] <sup>-</sup> : Stable Homoleptic (Ethene)gold Complex. <b>2013</b> , 2013, 2712-2717	22
1000	Liquid Phase Oxidation of Organic Compounds by Supported Metal-Based Catalysts with a Focus on Gold. <b>2013</b> , 221-262	3
999	Formal total synthesis of the algal toxin (-)-polycavernoside A. <b>2013</b> , 19, 4532-7	73
998	Ligand Effects on Bonding and Ion Pairing in Cationic Gold(I) Catalysts Bearing Unsaturated Hydrocarbons. <b>2013</b> , 2013, 4121-4135	69
997	General approach to benzo[b]thiophenes, benzo[b]furans, and dibenzofurans via gold-catalyzed cyclization of 1-heteroarylalka-2,3-dienyl acetates. <b>2013</b> , 69, 6305-6312	16

- 996 Tris(alkyne) and Bis(alkyne) Complexes of Coinage Metals: Synthesis and Characterization of (cyclooctyne)<sub>3</sub>M<sup>+</sup> (M = Cu, Ag) and (cyclooctyne)<sub>2</sub>Au<sup>+</sup> and Coinage Metal (M = Cu, Ag, Au) Family Group Trends. **2013**, 32, 3135-3144 55
- 995 Synthesis and characterization of novel gold(III) complexes with polydentate N-donor ligands based on the pyridine and triazole heterocycles. **2013**, 33, 82-85 5
- 994 In situ generation of nucleophilic allenes by the gold-catalyzed rearrangement of propargylic esters for the highly diastereoselective formation of intermolecular C(sp<sup>3</sup>)-C(sp<sup>2</sup>) bonds. **2013**, 52, 7586-9 88
- 993 Synthesis of (Z)-1,2-dihydro-1-tosylbenzo[b]azepin-3-ones by two-step, one-pot gold-catalyzed tandem heterocyclization/Petasis-Bierrier rearrangement of 2-(N-(prop-2-ynyl)-N-tosylamino)benzaldehydes. **2013**, 69, 5558-5565 17
- 992 Use of [SbF<sub>6</sub>]<sup>-</sup> to Isolate Cationic Copper and Silver Adducts with More than One Ethylene on the Metal Center. **2013**, 32, 3034-3041 29
- 991 Facile synthesis of isochromanones and isoquinolones by AuCl<sub>3</sub> catalyzed cascade triggered by an internal nucleophile. **2013**, 15, 2778-81 21
- 990 Cationic dirhodium carboxylate-catalyzed synthesis of dihydropyrimidones from propargyl ureas. **2013**, 69, 5744-5750 15
- 989 Reactions of gold(III) complexes with alkenes in aqueous media: generation of bis-( $\eta$ -hydroxyalkyl)gold(III) complexes. **2013**, 66, 1153-1165 14
- 988 Generation of rhodium(I) carbenes from ynamides and their reactions with alkynes and alkenes. **2013**, 135, 8201-4 114
- 987 [3,3]-Sigmatropic rearrangement versus carbene formation in gold-catalyzed transformations of alkynyl aryl sulfoxides: mechanistic studies and expanded reaction scope. **2013**, 135, 8512-24 120
- 986 Electron microscopy study of gold nanoparticles deposited on transition metal oxides. **2013**, 46, 1773-82 86
- 985 Optimizing P,N-Bidentate Ligands for Oxidative Gold Catalysis: Efficient Intermolecular Trapping of  $\eta$ -Oxo Gold Carbenes by Carboxylic Acids. **2013**, 125, 6636-6640 29
- 984 Gold-catalyzed intramolecular regio- and enantioselective cycloisomerization of 1,1-bis(indolyl)-5-alkynes. **2013**, 52, 6767-71 50
- 983 Direct syn insertion of alkynes and allenes into Au-Si bonds. **2013**, 52, 7160-3 52
- 982 Isolation of Ruthenium Indolizine Complexes: Insight into the Metal-Induced Cycloisomerization of Propargylic Pyridines. **2013**, 32, 3583-3586 35
- 981 Synthesis of 1-arylnaphthalenes by gold-catalyzed one-pot sequential epoxide to carbonyl rearrangement and cyclization with arylalkynes. **2013**, 8, 414-28 21
- 980 [3,3]-Sigmatropic rearrangement step in the gold-catalyzed cyclization of allyl-(ortho-alkinylphenyl)methyl ethers. **2013**, 8, 1786-94 47
- 979 Gold(I) complexes of tetrathiaheterohelicene phosphanes. **2013**, 52, 7995-8004 56

- 978 Iron(III) triflimide as a catalytic substitute for gold(I) in hydroaddition reactions to unsaturated carbon-carbon bonds. **2013**, 19, 8627-33 27
- 977 Gold(I)-Catalyzed Domino Reaction of Allyl 2-en-4-ynyl Ethers to 1,3,6-Trien-4-yl Ketones. **2013**, 5, 1200-1204 32
- 976 Gold-catalyzed regioselective synthesis of 2- and 3-alkynyl furans. **2013**, 52, 6743-7 162
- 975 Gold(I)-catalyzed cascade cycloadditions between allenamides and carbonyl-tethered alkenes: an enantioselective approach to oxa-bridged medium-sized carbocycles. **2013**, 52, 6526-30 84
- 974 Electrophilic activation of unsaturated systems: Applications to selective organic synthesis. **2013**, 85, 721-739 13
- 973 Intermolecular gold(I)-catalyzed cyclization of furans with alkynes: formation of phenols and indenenes. **2013**, 19, 6581-5 55
- 972 Total synthesis of amphidinolide F. **2013**, 52, 9534-8 99
- 971 Synthesis and Reactivity of N-Heterocyclic Carbene Gold(I) and Gold(III) Imidate Complexes and Their Catalytic Activity in 1,5-Enyne Cycloisomerization. **2013**, 32, 3108-3120 22
- 970 Construction of Eight-Membered Carbocycles through Gold Catalysis with Acetylene-Tethered Silyl Enol Ethers. **2013**, 125, 4333-4336 20
- 969 Oxazepine synthesis by copper-catalyzed intermolecular cascade reactions between O-propargylic oximes and dipolarophiles. **2013**, 52, 7536-9 42
- 968 Protecting-group-free total synthesis of (-)-rhazinilam and (-)-rhazinicine using a gold-catalyzed cascade cyclization. **2013**, 52, 7168-71 80
- 967 Reducible Support Effects in the Gas Phase Hydrogenation of p-Chloronitrobenzene over Gold. **2013**, 117, 994-1005 37
- 966 Gold Catalysis: Ketonaphthalenes via Molecular Gymnastics of 1,6-Diyne-4-en-3-ols. **2013**, 355, 1755-1761 12
- 965 Quantitative Evaluation of the Stability of gem-Diaurated Species in Reactions with Nucleophiles. **2013**, 32, 2000-2006 39
- 964 Synthesis of 2,8-dioxabicyclo[3.3.1]nonane derivatives via a sequential Knoevenagel condensation and hetero-Diels-Alder reaction in an aqueous medium. **2013**, 78, 11612-7 29
- 963 Organothorium-Catalyzed Hydroalkoxylation/Cyclization of Alkynyl Alcohols. Scope, Mechanism, and Ancillary Ligand Effects. **2013**, 32, 2517-2528 51
- 962 Mechanistic insights into the gold(I)-catalyzed activation of glycosyl ortho-alkynylbenzoates for glycosidation. **2013**, 135, 18396-405 128
- 961 Noninnocent counterion effect on the rearrangements of cationic intermediates in a gold(I)-catalyzed alkenylsilylation reaction. **2013**, 15, 6074-7 28

- 960 Gold Phosphole Complexes as Efficient Catalysts for Alkyne Activation. **2013**, 32, 1571-1574 43
- 959 Tin(II) Chloride Mediated Coupling Reactions between Alkynes and Aldehydes. **2013**, 2013, 8033-8038 11
- 958 Gold-Catalyzed Cascade Oxidative Cyclization and Arylation of Allenolates. **2013**, 2013, 7366-7371 10
- 957 Gold(I)-catalyzed asymmetric induction of planar chirality by intramolecular nucleophilic addition to chromium-complexed alkynylarenes: asymmetric synthesis of planar chiral (1H-isochromene and 1,2-dihydroisoquinoline)chromium complexes. **2013**, 78, 10986-95 25
- 956 Selective C(sp<sup>2</sup>)-C(sp) bond cleavage: the nitrogenation of alkynes to amides. **2013**, 52, 7850-4 88
- 955 Synthesis of Functionalized Chromenes and Benzofurans from Aryloxy Propargyl Malonates. **2013**, 53, 915-922 4
- 954 Water-Soluble Gold(I) and Gold(III) Complexes with Sulfonated N-Heterocyclic Carbene Ligands: Synthesis, Characterization, and Application in the Catalytic Cycloisomerization of  $\alpha$ -Alkynoic Acids into Enol-Lactones. **2013**, 3, 3086-3098 68
- 953 Interaction of Gold Acetylides with Gold(I) or Silver(I) Cations. **2013**, 32, 7025-7033 30
- 952 Gold-Catalyzed Regioselective Synthesis of 2- and 3-Alkynyl Furans. **2013**, 125, 6875-6879 60
- 951 Crystal Structures of the Gold(I) Phosphinine Complexes [AuCl(C<sub>5</sub>H<sub>2</sub>P-2,6-Me<sub>2</sub>-4-Ph)] and [AuCl(C<sub>5</sub>H<sub>2</sub>P-2,4,6-Ph<sub>3</sub>)]. **2013**, 68, 853-859 3
- 950 Química Sostenible: Naturaleza, fines y ámbito. **2013**, 24, 103-112 3
- 949 Gold-catalysed Homocoupling of Alkynes. **2013**, 37, 174-176 8
- 948 Gold(I)-catalyzed formation of bridged and fused carbocycles. **2013**, 85, 1161-1173 12
- 947 Alkyne hydroarylation with Au N-heterocyclic carbene catalysts. **2013**, 9, 246-53 26
- 946 Mechanistic intricacies of gold-catalyzed intermolecular cycloadditions between allenamides and dienes. **2013**, 19, 15248-60 55
- 945 Gold-Catalyzed Tandem Cyclization/Cycloaddition Reaction of Enynones: Highly Regioselective Synthesis of Oxabicyclic Compounds and Naphthyl Ketones. **2013**, 2, 755-762 8
- 944 New endeavors in gold catalysis--size matters. **2013**, 52, 13146-8 5
- 943 Gold versus Palladium: A Regioselective Cycloisomerization of Aromatic Enynes. **2013**, 355, 3425-3436 37

942	Nitrogen Nucleophiles in Au-Catalyzed Dehydrative Cyclization Reactions. <b>2013</b> , 53, 923-931	5
941	Gold-catalyzed tandem cycloisomerization and dimerization of chiral homopropargyl sulfonamides. <b>2013</b> , 8, 2920-4	23
940	Cycloisomerization of 2-Alkynylanilines to Indoles Catalyzed by Carbon-Supported Gold Nanoparticles and Subsequent Homocoupling to 3,3'-Biindoles. <b>2013</b> , 125, 12051-12055	24
939	Hydrophenoxylation of Alkynes by Cooperative Gold Catalysis. <b>2013</b> , 125, 9949-9953	36
938	Photoinduced Gold(I)-Gold(I) Chemical Bonding in Dicyanoaurate Oligomers. <b>2013</b> , 125, 10471-10475	7
937	Cycloisomerization of 2-alkynylanilines to indoles catalyzed by carbon-supported gold nanoparticles and subsequent homocoupling to 3,3'-biindoles. <b>2013</b> , 52, 11835-9	79
936	Important Industrial Procedures Revisited in Flow: Very Efficient Oxidation and N-Alkylation Reactions with High Atom-Economy. <b>2013</b> , 3, 51-58	15
935	Novel Intercluster Compounds Composed of a Tetra{phosphanegold(I)}oxonium Cation and an $\eta$ -Keggin Polyoxometalate Anion Linked by Three Monomeric Phosphanegold(I) Units. <b>2013</b> , 42, 1487-1489	7
934	Alkinmetathese im Aufwind. <b>2013</b> , 125, 2860-2887	129
933	Mechanistisches Umschalten bei der dualen Goldkatalyse von Diinen: C(sp <sup>3</sup> )-H-Aktivierung über Bifurkation $\Delta$ vinyliden- versus Carbenreaktionswege. <b>2013</b> , 125, 2653-2659	91
932	Gold-Catalyzed Cyclization/Oxidative [3+2] Cycloadditions of 1,5-Enynes with Nitrosobenzenes without Additional Oxidants. <b>2013</b> , 125, 4697-4701	17
931	Gold-Catalyzed Intramolecular Regio- and Enantioselective Cycloisomerization of 1,1-Bis(indolyl)-5-alkynes. <b>2013</b> , 125, 6899-6903	16
930	Selective C $\equiv$ Csp Bond Cleavage: The Nitrogenation of Alkynes to Amides. <b>2013</b> , 125, 8004-8008	26
929	Neues aus der Goldkatalyse – die Größe zählt. <b>2013</b> , 125, 13384-13386	2
928	Gold-catalyzed reactions of enynals/enynones with norbornenes: generation and trapping of cyclic o-quinodimethanes (o-QDMs). <b>2013</b> , 19, 4695-700	56
927	Total Synthesis of Amphidinolide F. <b>2013</b> , 125, 9713-9717	51
926	In-situ-Bildung nukleophiler Allene durch Gold-katalysierte Umlagerung von Propargylestern mit hoch diastereoselektive intermolekulare C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-Bindungsknüpfungen. <b>2013</b> , 125, 7735-7738	40
925	Gold(I)-Catalyzed Cascade Cycloadditions between Allenamides and Carbonyl-Tethered Alkenes: An Enantioselective Approach to Oxa-Bridged Medium-Sized Carbocycles. <b>2013</b> , 125, 6654-6658	24

924	Palladium-Catalyzed Three-Component Reaction of Allenes, Aryl Iodides, and Diazo Compounds: Approach to 1,3-Dienes. <b>2013</b> , 125, 9475-9478	21
923	Generation and structural characterization of a gold(III) alkene complex. <b>2013</b> , 52, 1660-3	56
922	Atom-efficient gold(I)-chloride-catalyzed synthesis of $\beta$ -sulfenylated carbonyl compounds from propargylic alcohols and aryl thiols: substrate scope and experimental and theoretical mechanistic investigation. <b>2013</b> , 19, 17939-50	24
921	Gold-Catalyzed Cyclizations of cis-Enediyne: Insights into the Nature of Gold $\pi$ -Alkyne Interactions. <b>2013</b> , 125, 7949-7953	46
920	Gold(I)-Catalyzed endo-Selective Intramolecular $\beta$ -Alkenylation of $\beta$ -Alkyne-Furans: Synthesis of Seven-Membered-Ring-Fused Furans and DFT Calculations. <b>2013</b> , 125, 14407-14411	23
919	Calcium-katalysierte Cyclopropanierung. <b>2013</b> , 125, 4108-4111	12
918	Oxazepine Synthesis by Copper-Catalyzed Intermolecular Cascade Reactions between O-Propargylic Oximes and Dipolarophiles. <b>2013</b> , 125, 7684-7687	8
917	Gold-Catalyzed Formal Cycloaddition of 2-Ethynylbenzyl Ethers with Organic Oxides and $\beta$ -Diazoesters. <b>2013</b> , 125, 7707-7711	45
916	Protecting-Group-Free Total Synthesis of (R)-Rhazinilam and (R)-Rhazinicine using a Gold-Catalyzed Cascade Cyclization. <b>2013</b> , 125, 7309-7312	19
915	Direct syn Insertion of Alkynes and Allenes into Au $\pi$ -Si Bonds. <b>2013</b> , 125, 7301-7304	16
914	Gold-catalyzed cyclizations of cis-enediyne: insights into the nature of gold-alkyne interactions. <b>2013</b> , 52, 7795-9	80
913	Gold-catalyzed formal cycloaddition of 2-ethynylbenzyl ethers with organic oxides and $\beta$ -diazoesters. <b>2013</b> , 52, 7559-63	111
912	Photoinduced gold(I)-gold(I) chemical bonding in dicyanoaurate oligomers. <b>2013</b> , 52, 10281-5	33
911	Chiral Copper(II) Phosphate Catalyzed Enantioselective Synthesis of Isochromene Derivatives by Sequential Intramolecular Cyclization and Asymmetric Transfer Hydrogenation of o-Alkynylacetophenones. <b>2013</b> , 125, 13526-13530	25
910	Gold(I)-catalysed one-pot synthesis of chromans using allylic alcohols and phenols. <b>2013</b> , 9, 1797-806	18
909	Gold(I)-catalyzed enantioselective cycloaddition reactions. <b>2013</b> , 9, 2250-64	105
908	Ambient gold-catalyzed O-vinylation of cyclic 1,3-diketone: A vinyl ether synthesis. <b>2013</b> , 9, 2537-43	11
907	Gold-catalyzed oxycyclization of allenic carbamates: expeditious synthesis of 1,3-oxazin-2-ones. <b>2013</b> , 9, 818-26	23



906	Acid, silver, and solvent-free gold-catalyzed hydrophenoxylation of internal alkynes. <b>2013</b> , 9, 2002-8	10
905	Gold(I)-catalyzed domino cyclization for the synthesis of polyaromatic heterocycles. <b>2013</b> , 9, 2625-8	7
904	Zinc-gold cooperative catalysis for the direct alkynylation of benzofurans. <b>2013</b> , 9, 1763-7	44
903	. <b>2014</b> ,	1
902	Gold-catalyzed domino reactions. <b>2015</b> , 357, 95-132	17
901	Gold-Promoted Sigmatropic Rearrangements. <b>2014</b> , 1-86	1
900	Theory of Gold-Mediated Reactions: From Single Metal Site to Cluster. <b>2014</b> , 1-30	
899	A new type of chiral sulfinamide monophosphine ligands: stereodivergent synthesis and application in enantioselective gold(I)-catalyzed cycloaddition reactions. <b>2014</b> , 53, 4350-4	164
898	Expanded-ring N-heterocyclic carbenes for the stabilization of highly electrophilic gold(I) cations. <b>2014</b> , 20, 16721-31	45
897	The Chemistry of Gold-Allene Complexes. <b>2014</b> , 1-64	1
896	Ligand design in gold catalysis and chemistry of gold-oxonium intermediates. <b>2015</b> , 357, 1-23	5
895	Understanding the mechanisms of unusually fast H-H, C-H, and C-C bond reductive eliminations from gold(III) complexes. <b>2014</b> , 20, 14650-8	43
894	Helicenes with Embedded Phosphole Units in Enantioselective Gold Catalysis. <b>2014</b> , 126, 880-884	56
893	Aurophilicity in gold(I) catalysis: for better or worse?. <b>2015</b> , 357, 167-211	25
892	Gold-catalyzed [2+2+1] cycloaddition of 1,6-diyne carbonates and esters with aldehydes to 4-(cyclohexa-1,3-dienyl)-1,3-dioxolanes. <b>2014</b> , 20, 713-8	44
891	Enhanced $\pi$ -backdonation from gold(I): isolation of original carbonyl and carbene complexes. <b>2014</b> , 53, 14512-6	91
890	Alkyne/alkene/allene-induced disproportionation of cationic gold(I) catalyst. <b>2014</b> , 20, 3113-9	53
889	Chemoselective Carbophilic Addition of $\beta$ -Diazoesters through Ligand-Controlled Gold Catalysis. <b>2014</b> , 126, 9975-9979	69

- 888 A general diversified synthesis of carbazoles and the first synthesis of karapinchamine A. **2014**, 20, 14589-93 50
- 887 Gold(I)-Catalyzed Reactions of 1-(ortho-Alkynylaryl)ureas: Highly Selective Heterocyclization and Synthesis of Mixed N,O-Acetals. **2014**, 356, 229-236 16
- 886 Enhanced  $\pi$ Backdonation from Gold(I): Isolation of Original Carbonyl and Carbene Complexes. **2014**, 126, 14740-14744 40
- 885 Formation and Reactivity of Gold Carbene Complexes in the Gas Phase. **2014**, 33, 7135-7140 19
- 884 Katalyse und Totalsynthese: eine persönliche Zwischenbilanz. **2014**, 126, 8728-8740 38
- 883 CHAPTER 13:Role of Oxygen Vacancies in Gold Oxidation Catalysis. 489-511 3
- 882 Gold-catalyzed cycloisomerization of 1,6-diyne esters to 1H-cyclopenta[b]naphthalenes, cis-cyclopenten-2-yl  $\beta$ diketones, and bicyclo[3.2.0]hepta-1,5-dienes. **2014**, 79, 11301-15 32
- 881 An Unusual Ring-Contraction/Rearrangement Sequence for Making Functionalized Di- and Triquinanes. **2014**, 126, 11177-11180 3
- 880 Gold-catalyzed cyclization of diynes: controlling the mode of 5-endo versus 6-endo cyclization--an experimental and theoretical study by utilizing diethynylthiophenes. **2014**, 20, 2215-23 75
- 879 Probing the electronic structure and Au-C chemical bonding in AuC<sub>2</sub>(-) and AuC<sub>2</sub> using high-resolution photoelectron spectroscopy. **2014**, 140, 084303 24
- 878 Gold-catalyzed 1,2-iminonitronation of electron-deficient alkynes with nitrosoarenes to afford  $\beta$ -imidoyl nitrones. **2014**, 50, 15864-6 25
- 877 AgOTf-catalyzed electrophilic cyclization of triynols with NXS: rapid synthesis of densely trisubstituted naphthalenes and quinolines. **2014**, 9, 126-30 17
- 876 Chemoselective carbophilic addition of  $\beta$ -diazoesters through ligand-controlled gold catalysis. **2014**, 53, 9817-21 211
- 875 CHAPTER 5:Gold-Based Catalysts. 133-154 1
- 874 Gold(I)-catalysed direct thioetherifications using allylic alcohols: an experimental and computational study. **2014**, 20, 11540-8 20
- 873 Regiocontrolled Gold-Catalyzed [2+2+2] Cycloadditions of Ynamides with Two Discrete Nitriles to Construct 4-Aminopyrimidine Cores. **2014**, 126, 9218-9222 27
- 872 Gold-Catalyzed Diastereoselective Cycloisomerization of Alkylidene-Cyclopropane-Bearing 1,6-Diynes. **2014**, 126, 8038-8041 6
- 871 Rational Perturbation of the Fluorescence Quantum Yield in Emission-Tunable and Predictable Fluorophores (Seoul-Fluors) by a Facile Synthetic Method Involving C-H Activation. **2014**, 126, 1370-1374 18

- 870 Computational approaches to homogeneous gold catalysis. **2015**, 357, 213-83 22
- 869 A Highly Efficient and Broadly Applicable Cationic Gold Catalyst. **2014**, 126, 4545-4548 18
- 868 Gold-catalyzed intermolecular C-S bond formation: efficient synthesis of  $\beta$ -substituted vinyl sulfones. **2014**, 53, 4657-61 107
- 867 Dual catalysis sees the light: combining photoredox with organo-, acid, and transition-metal catalysis. **2014**, 20, 3874-86 560
- 866 Dimers of N-heterocyclic carbene copper, silver, and gold halides: probing metallophilic interactions through electron density based concepts. **2014**, 20, 734-44 36
- 865 Tandem Pd/Au-catalyzed route to  $\beta$ -sulfenylated carbonyl compounds from terminal propargylic alcohols and thiols. **2014**, 20, 2159-63 20
- 864 Very small "window of opportunity" for generating CO oxidation-active Au(n) on TiO<sub>2</sub>. **2014**, 16, 6735-42 16
- 863 Catalytic epoxidation of propylene with CO/O<sub>2</sub> over Au/TiO<sub>2</sub>. **2014**, 476, 197-203 18
- 862 A highly efficient and broadly applicable cationic gold catalyst. **2014**, 53, 4456-9 73
- 861 Enantioselective synthesis of hexahydrofuro[3,2-c]quinolines through a multicomponent and multicatalytic process. A new bromatic sandwich model for BINOL-phosphoric acid catalyzed reactions. **2014**, 5, 996-1007 73
- 860 Merging gold and organocatalysis: a facile asymmetric synthesis of annulated pyrroles. **2014**, 20, 3917-21 25
- 859 One-pot synthesis of fused pyrroles through a key gold-catalysis-triggered cascade. **2014**, 20, 2445-8 11
- 858 Mononuclear gold catalysts for the asymmetric intramolecular hydroamination of alkenes. **2014**, 235, 2-13 23
- 857 Gold-catalyzed synthesis of functionalized pyridines by using 2H-azirines as synthetic equivalents of alkenyl nitrenes. **2014**, 53, 4959-63 143
- 856 Dinuclear gold(I) dithio- and diselenophosph(in)ate complexes forming mononuclear gold(III) oxidative addition complexes and reversible chemical reductive elimination products. **2014**, 43, 663-70 12
- 855 Azocinoindole synthesis by a gold(I)-catalyzed ring expansion of 2-propargyl- $\beta$ -tetrahydrocarboline. **2014**, 20, 2925-32 25
- 854 Gold-Catalyzed Synthesis of Functionalized Pyridines by Using 2H-Azirines as Synthetic Equivalents of Alkenyl Nitrenes. **2014**, 126, 5059-5063 47
- 853 Gold-catalyzed cascade reactions of furan-ynes with external nucleophiles consisting of a 1,2-rearrangement: straightforward synthesis of multi-substituted benzo[b]furans. **2014**, 20, 7514-9 25

- 852 Gold-catalyzed allylation of aryl boronic acids: accessing cross-coupling reactivity with gold. **2014**, 53, 6211-5 145
- 851 Gold-catalyzed cycloisomerization of yne-vinylidenecyclopropanes: a three-carbon synthon for [3+2] cycloadditions. **2014**, 20, 3198-204 22
- 850 Gold(I)-Catalyzed Hydration of Alkynylphosphonates: Efficient Access to  $\beta$ -Ketophosphonates. **2014**, 2014, 2668-2671 25
- 849 1,2-N-migration in a gold-catalysed synthesis of functionalised indenenes by the 1,1-carboalkoxylation of ynamides. **2014**, 20, 7262-6 53
- 848 Gold-catalyzed cascade reactions for synthesis of carbo- and heterocycles: selectivity and diversity. **2014**, 14, 280-302 85
- 847 Furan-based o-quinodimethanes by gold-catalyzed dehydrogenative heterocyclization of 2-(1-alkynyl)-2-alken-1-ones: a modular entry to 2,3-furan-fused carbocycles. **2014**, 53, 6542-5 82
- 846 Gold-catalyzed 6-exo-dig cycloisomerization: a versatile approach to functionalized phenanthrenes. **2014**, 9, 1525-9 28
- 845 Gold-Catalyzed Synthesis of 1-Naphthylcarbenoids and Their Synthetic Utilization in Cyclopropanation Reactions. **2014**, 356, 680-686 43
- 844 Silver-Catalyzed Alkyne Activation: The Surprising Ligand Effect. **2014**, 356, 692-696 25
- 843 Dehydrogenative Meyer-Schuster-like rearrangement: a gold-catalyzed reaction generating an alkyne. **2014**, 53, 1144-7 67
- 842 Cyclization of gold acetylides: synthesis of vinyl sulfonates via gold vinylidene complexes. **2014**, 53, 3854-8 89
- 841 Highly enantioselective copper(I)-catalyzed conjugate addition of terminal alkynes to 1,1-difluoro-1-(phenylsulfonyl)-3-en-2-ones: new ester/amide surrogates in asymmetric catalysis. **2014**, 20, 668-72 23
- 840 The mechanism of gold(I)-catalyzed hydroalkoxylation of alkynes: an extensive experimental study. **2014**, 20, 1918-30 89
- 839 Formal total synthesis of kendomycin by way of alkyne metathesis/gold catalysis. **2014**, 20, 4396-402 50
- 838 Highly site-selective direct C-H bond functionalization of phenols with  $\beta$ -aryl- $\beta$ -diazoacetates and diazooxindoles via gold catalysis. **2014**, 136, 6904-7 340
- 837 Recent developments in the synthesis and reactivity of methylene- and alkylidenecyclopropane derivatives. **2014**, 70, 4991-5031 80
- 836 Helicenes with embedded phosphole units in enantioselective gold catalysis. **2014**, 53, 861-5 138
- 835 Access to cyclobutene-fused azepines through Au-catalyzed cycloisomerization of stable alkyne tethered ketene N,N-acetals. **2014**, 16, 2996-9 40

834	Gold-catalyzed cascade cyclization of (azido)ynamides: an efficient strategy for the construction of indoloquinolines. <b>2014</b> , 16, 3138-41		104
833	Coordination and Ligand Substitution Chemistry of Bis(cyclooctyne)copper(I). <b>2014</b> , 33, 1644-1650		6
832	Gold-Catalyzed Conversion of Aryl- and Alkyl-Substituted 1-(o-Aminophenyl)-2-propyn-1-ones to the Corresponding 2-Substituted 4-Quinolones. <b>2014</b> , 2014, 4044-4052		43
831	Kinetic diastereomer differentiation in Au(III)- and Bi(III)-catalyzed benzylic arylation: concise and stereocontrolled synthesis of 2-amino-1,1-diarylalkanes. <b>2014</b> , 16, 2668-71		9
830	Gold catalysis coupled with visible light stimulation: syntheses of functionalized indoles. <b>2014</b> , 16, 2606-9		60
829	Enhanced reactivity in homogeneous gold catalysis through hydrogen bonding. <b>2014</b> , 16, 636-9		49
828	Catalysis for the valorization of exhaust carbon: from CO <sub>2</sub> to chemicals, materials, and fuels. technological use of CO <sub>2</sub> . <i>Chemical Reviews</i> , <b>2014</b> , 114, 1709-42	68.1	1896
827	Highly efficient heterogeneous aerobic oxidative C≡C coupling from Csp <sup>3</sup> –H bonds by a magnetic nanoparticle-immobilized bipyridine-gold(III) catalyst. <b>2017</b> , 7, 1744-1755		22
826	Photosensitizer-Free, Gold-Catalyzed C≡C Cross-Coupling of Boronic Acids and Diazonium Salts Enabled by Visible Light. <b>2017</b> , 359, 1522-1528		98
825	Versatile Synthesis of Luminescent Tetradentate Cyclometalated Alkynylgold(III) Complexes and Their Application in Solution-Processable Organic Light-Emitting Devices. <b>2017</b> , 129, 308-311		19
824	An efficient approach to chloro(organophosphine) gold(I) complexes for the synthesis of auranofin. <b>2017</b> , 19, 634-637		8
823	Intramolecular anti-Phosphinoauration of Alkynes: An FLP-Motivated Approach to Stable Aurated Phosphindolium Complexes. <b>2017</b> , 23, 2542-2547		32
822	Total Synthesis of (–)-Dihydroisosubamol. <b>2017</b> , 359, 866-874		15
821	Catalytic Activity of Gold(I) Complexes with Hemilabile P,N Ligands. <b>2017</b> , 82, 442-448		9
820	The Effect of N-Containing Supports on Catalytic CO Oxidation Activity over Highly Dispersed Pt/Uio-67. <b>2017</b> , 2017, 172-178		12
819	Oxidative Aza-Annulation of Enynyl Azides to 2-Keto/Formyl-1H-pyrroles. <b>2017</b> , 82, 944-949		24
818	Synthesis of substituted benzofurans and indoles by Zn-catalyzed tandem Sonogashira-cyclization strategy. <b>2017</b> , 58, 536-540		27
817	Au-Catalyzed Biaryl Coupling To Generate 5- to 9-Membered Rings: Turnover-Limiting Reductive Elimination versus $\pi$ -Complexation. <b>2017</b> , 139, 245-254		97

816	Au Iminophosphorane Complexes as Efficient Catalysts for the Cycloisomerization of Alkynyl Amides under Air, at Room Temperature, and in Aqueous or Eutectic-Mixture Solutions. <b>2017</b> , 23, 3425-3431	27
815	Gold-catalyzed sequential annulations towards 3,4-fused bi/tri-cyclic furans involving a [3+2+2]-cycloaddition. <b>2017</b> , 53, 1152-1155	68
814	Gold-Catalyzed Intramolecular Regioselective 7-exo-dig Cyclization To Access 3-Methylene-3,4-dihydrobenzo[b]oxepinones. <b>2017</b> , 19, 282-285	35
813	Development of Gold-catalyzed [4+1] and [2+2+1]/[4+2] Annulations between Propiolate Derivatives and Isoxazoles. <b>2017</b> , 129, 1046-1050	41
812	Development of Gold-catalyzed [4+1] and [2+2+1]/[4+2] Annulations between Propiolate Derivatives and Isoxazoles. <b>2017</b> , 56, 1026-1030	108
811	Heterobimetallic Complexes Featuring Fe(CO) as a Ligand on Gold. <b>2017</b> , 23, 17222-17226	11
810	Silver-Catalyzed Synthesis of Substituted Carbazoles through a Tandem Intramolecular Hydroamination/Cyclization Sequence. <b>2017</b> , 6, 1674-1682	2
809	Lactols in Asymmetric Sequential Organo- and Gold-Catalysis: Synthesis of Densely Functionalized Epimeric Bicyclic O,O-Acetals. <b>2017</b> , 359, 4260-4266	17
808	Synthesis of Gold(I) Complexes Bearing Verkade's Superbases. <b>2017</b> , 2017, 4311-4316	11
807	Gold-Catalyzed [4+3] Cycloaddition/C <sub>H</sub> Functionalization Cascade: Regio- and Diastereoselective Route to Cyclohepta[b]indoles. <b>2017</b> , 2017, 6609-6613	24
806	Heteromultimetallic catalysis for sustainable organic syntheses. <b>2017</b> , 46, 7399-7420	99
805	Predicting Counterion Effects Using a Gold Affinity Index and a Hydrogen Bonding Basicity Index. <b>2017</b> , 19, 5848-5851	50
804	Gold-catalyzed intramolecular cyclization/condensation sequence: synthesis of 1,2-dihydro[c][2,7]naphthyridines. <b>2017</b> , 15, 7813-7818	16
803	Total synthesis of orientalol F via gold-catalyzed cycloisomerization of alkynediol. <b>2017</b> , 4, 2296-2300	6
802	π-Carbonylkationen in Sulfoxid-vermittelten oxidativen Cyclisierungen. <b>2017</b> , 129, 13454-13458	5
801	π-Carbonyl Cations in Sulfoxide-Driven Oxidative Cyclizations. <b>2017</b> , 56, 13270-13274	21
800	Enantioconvergent Copper Catalysis: In Situ Generation of the Chiral Phosphorus Ylide and Its Wittig Reactions. <b>2017</b> , 139, 12847-12854	52
799	Gold-silver catalyzed straightforward one pot synthesis of pyrano[3,4-b]pyrrol-7(1H)-ones. <b>2017</b> , 15, 7290-7295	6

- 798 Expedient Syntheses of Neutral and Cationic Au(I)NHC Complexes. **2017**, 36, 3645-3653 13
- 797 Gold-based frustrated Lewis acid/base pairs (FLPs). **2017**, 50, 267-282 33
- 796 Gold-Catalyzed Solid-Phase Synthesis of 3,4-Dihydropyrazin-2(1H)-ones: Relevant Pharmacophores and Peptide Backbone Constraints. **2017**, 19, 681-686 1
- 795 The nature of the Au bond in gold(III) complexes with aromatic nitrogen-containing heterocycles: the influence of Au(III) ions on the ligand aromaticity. **2017**, 41, 12407-12415 13
- 794 Gold(III) NHC Complexes for Catalyzing Dihydroalkoxylation and Hydroamination Reactions. **2017**, 56, 12067-12075 14
- 793 Gold(I)-Catalyzed Direct Stereoselective Synthesis of Deoxyglycosides from Glycals. **2017**, 139, 14041-14044 61
- 792 Efficient Heterogeneous Gold(I)-Catalyzed Direct C(sp<sup>2</sup>)C(sp) Bond Functionalization of Arylalkynes through a Nitrogenation Process to Amides. **2017**, 359, 3968-3976 22
- 791 Chloride-Tolerant Gold(I)-Catalyzed Regioselective Hydrochlorination of Alkynes. **2017**, 7, 6798-6801 32
- 790 Inner-Sphere versus Outer-Sphere Coordination of BF<sub>4</sub><sup>-</sup> in a NHC-Gold(I) Complex. **2017**, 36, 2861-2869 19
- 789 Rapid construction of complex tetracyclic frameworks via a gold(I)-catalyzed tandem 1,2-acyloxy migration/[3 + 2] cycloaddition/Friedel-Crafts type cyclization reaction of linear enynyl esters. **2017**, 4, 2109-2113 6
- 788 Cycloisomerization of Oxindole-Derived 1,5-Enynes: A Calcium(II)-Catalyzed One-Pot, Solvent-free Synthesis of Phenanthridinones, 3-(Cyclopentenylidene)indolin-2-ones and 3-Spirocyclic Indolin-2-ones. **2017**, 359, 3068-3075 30
- 787 Gold nanoparticles stabilized with sulphonated imidazolium salts in water and reverse micelles. **2017**, 4, 170481 21
- 786 Advances in transmetalation reactions originated from organozirconium compounds. **2017**, 350, 275-284 11
- 785 Frustration across the periodic table: heterolytic cleavage of dihydrogen by metal complexes. **2017**, 375, 26 26
- 784 Chiral Complexes with Carbophilic Lewis Acids Based on Copper, Silver, and Gold. **2017**, 223-260 2
- 783 Enhancement of gold catalytic activity and stability by immobilization on the surface of graphene. **2017**, 352, 498-504 18
- 782 A heterogeneous gold(I)-catalyzed cascade annulation of aldehydes with propargylamine leading to 3-substituted 2,5-dimethylpyrazines. **2017**, 846, 343-350 6
- 781 Synergistic Effect of Bronsted and Lewis Acid Amounts on One-Pot Synthesis of Aminoxazole by Propargylation and Cycloisomerization. **2017**, 2, 6062-6069 1

- 780 Coupling Molecular and Nanoparticle Catalysts on Single Metal-Organic Framework Microcrystals for the Tandem Reaction of H<sub>2</sub>O<sub>2</sub> Generation and Selective Alkene Oxidation. **2017**, 7, 6691-6698 24
- 779 Gold-Catalyzed [4+2]- and [3+3]-Annulations of Ynamides with 1-Yn-3-ols to Access Six-Membered Carbocycles and Oxacycles via Three Distinct Cyclizations. **2017**, 359, 3311-3318 8
- 778 A Chlorinating Reagent Yields Vinyl Chlorides with High Regioselectivity under Heterogeneous Gold Catalysis. **2017**, 19, 4524-4527 17
- 777 Catalytic Alkynylation of Cyclic Acetals and Ketals Enabled by Synergistic Gold(I)/Trimethylsilyl Catalysis. **2017**, 82, 9916-9922 8
- 776 Gold-catalyzed para-selective C-H bond alkylation of benzene derivatives with donor/acceptor-substituted diazo compounds. **2017**, 53, 10164-10167 37
- 775 A convenient one-pot synthesis of boroxoles from diboronic acid. **2017**, 58, 3757-3759 5
- 774 Gold-Catalyzed [4+2] Annulation/Cyclization Cascades of Benzisoxazoles with Propiolate Derivatives to Access Highly Oxygenated Tetrahydroquinolines. **2017**, 56, 12736-12740 88
- 773 Gold-Catalyzed [4+2] Annulation/Cyclization Cascades of Benzisoxazoles with Propiolate Derivatives to Access Highly Oxygenated Tetrahydroquinolines. **2017**, 129, 12910-12914 30
- 772 In situ assembly of ultrafine Mn<sub>3</sub>O<sub>4</sub> nanoparticles into MIL-101 for selective aerobic oxidation. **2017**, 7, 4136-4144 15
- 771 Asymmetric syntheses of 8-oxabicyclo[3,2,1]octane and 11-oxatricyclo[5.3.1.0]undecane from glycals. **2017**, 8, 6656-6661 19
- 770 Gold(I)-Catalyzed Conia-ene Cyclization of Internal  $\alpha$ -Acetylenic  $\beta$ -Ketoesters under High Pressure.. **2017**, 9, 4334-4339 6
- 769 Mechanisms and Origins of Chemoselectivities of Gold(I)-Catalyzed Nitrogenations of Alkynes with Trimethylsilyl Azide: A Computational Study. **2017**, 2017, 6639-6647 1
- 768 Gold-Catalyzed Synthesis of Substituted 3-Trifluoromethylpyrroles from Mesylated Amino Trifluoromethylpropargylic Alcohols. **2017**, 82, 13708-13713 5
- 767 Metals@ZIFs: Catalytic applications and size selective catalysis. **2017**, 353, 201-222 59
- 766 C $\alpha$  coupling reactions using a gold(III) phosphorus complex confined within metal-organic framework fibers in aqueous solution. **2017**, 7, 50838-50843 6
- 765 Gold-Catalyzed Cascade Reaction of Skipped Diynes for the Construction of a Cyclohepta[b]pyrrole Scaffold. **2017**, 19, 3875-3878 26
- 764 Organolithium-mediated cyclization reactions: a practical way to access hetero- and carbocycles. **2017**, 41, 7824-7835 4
- 763 The preference for dual-gold(i) catalysis in the hydro(alkoxylation vs. phenoxylation) of alkynes. **2017**, 15, 6416-6425 18



762	Trialkylphosphine-Mediated Synthesis of 2-Acyl Furans from Ynenones. <b>2017</b> , 19, 3556-3559	24
761	Synthesis of 1H-indole-3-sulfonates via palladium-catalyzed tandem reactions of 2-alkynyl arylazides with sulfonic acids. <b>2017</b> , 15, 6080-6083	15
760	Organometallic chemistry of pentaruthenium-gold carbonyl cluster complexes. <b>2017</b> , 829, 58-65	2
759	Au-catalyzed domino process synthesis of imidazo[1,2-a]pyridines from 2-aminopyridine and N-tosylhydrazones: An efficient C N bond formation reaction. <b>2017</b> , 90, 43-46	7
758	Bimetallic FeAu Carbonyl Clusters Derived from Collman's Reagent: Synthesis, Structure and DFT Analysis of Fe(CO) <sub>4</sub> (AuNHC) <sub>2</sub> and [Au <sub>3</sub> Fe <sub>2</sub> (CO) <sub>8</sub> (NHC) <sub>2</sub> ] <b>2017</b> , 28, 703-723	20
757	Au(III)-aryl intermediates in oxidant-free C-N and C-O cross-coupling catalysis. <b>2017</b> , 8, 946-952	57
756	Hydrodeoxygenation of 3-pentanone over bifunctional Pt-heteropoly acid catalyst in the gas phase: Enhancing effect of gold. <b>2017</b> , 202, 446-453	18
755	Gold-Catalyzed Enantioselective Annulations. <b>2017</b> , 23, 467-512	161
754	Microwave-Assisted Green Synthesis of Gold Nanoparticles Using Olibanum Gum (Boswellia serrate) and its Catalytic Reduction of 4-Nitrophenol and Hexacyanoferrate (III) by Sodium Borohydride. <b>2017</b> , 28, 917-935	29
753	A novel method to decorate Au clusters onto graphene via a mild co-reduction process for ultrahigh catalytic activity. <b>2017</b> , 5, 230-239	58
752	Visible Light Photocatalyzed Redox-Neutral Organic Reactions and Synthesis of Novel Metal-Organic Frameworks. <b>2017</b> ,	
751	Visible-Light-Promoted Au to Au Oxidation in Triazol-5-ylidene Complexes. <b>2017</b> , 12, 203-207	27
750	Substrate Specific Silver(I)-Catalyzed Cycloisomerization of Diene Involving Alkyl Rearrangements: Syntheses of 1,2,5,6-Tetrahydrocumenic Acid, p-Menth-3-en-7-ol, and p-Menth-3-en-7-al. <b>2017</b> , 65, 822-825	2
749	Hypervalent Iodine Reagents in High Valent Transition Metal Chemistry. <b>2017</b> , 22,	36
748	Role of nanostructure molecules in enhancing the bioavailability of oral drugs. <b>2017</b> , 375-407	6
747	Advances in Base-Free Oxidation of Bio-Based Compounds on Supported Gold Catalysts. <b>2017</b> , 7, 352	32
746	Asymmetric Total Synthesis of Lancifodilactone G Acetate. 1. Diastereoselective Synthesis of CDEFGH Ring System. <b>2018</b> , 83, 6893-6906	11
745	Catalyst-controlled synthesis of 4-amino-isoquinolin-1(2H)-one and oxazole derivatives. <b>2018</b> , 5, 1466-1470	18

744	Gold-Catalyzed Formal [4 + 2] Cycloaddition of 5-(Ethynylamino)pent-2-yn-1-yl Esters to 1,2,3,5-Tetrahydrobenzo[ g]quinolines. <b>2018</b> , 20, 1542-1545	25
743	The Gold(I)-Mediated Domino Reaction to Fused Diphenyl Phosphoniumfluorenes: Mechanistic Consequences for Gold-Catalyzed Hydroarylations and Application in Solar Cells. <b>2018</b> , 24, 7882-7889	18
742	Gold as a modifier of metal nanoparticles: effect on structure and catalysis. <b>2018</b> , 208, 395-407	7
741	Complexes of gold and imidazole formed in helium nanodroplets. <b>2018</b> , 20, 7739-7745	7
740	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <b>2018</b> , 130, 7031-7036	10
739	A Computational Mechanistic Investigation into Reduction of Gold(III) Complexes by Amino Acid Glycine: A New Variant for Amine Oxidation. <b>2018</b> , 24, 8361-8368	7
738	Highly Efficient and Stereoselective Thioallylation of Alkynes: Possible Gold Redox Catalysis with No Need for a Strong Oxidant. <b>2018</b> , 57, 6915-6920	40
737	Synthesis and characterization of gold-containing oxides of K <sub>2</sub> NiF <sub>4</sub> or Nd <sub>2</sub> CuO <sub>4</sub> structure type. <b>2018</b> , 51, 35-44	0
736	Synthesis of Primitive Dendrimer Systems Bearing Bicyclo[3,2,0]Hept-6-en-6-yl Groups via Unique Au-catalyzed [2+2] Cyclization. <b>2018</b> , 39, 651-656	3
735	Synthesis and Characterization of Stable Gold(III) PNP Pincer Complexes. <b>2018</b> , 2018, 3113-3117	6
734	Au-Catalyzed Intermolecular [2+2] Cycloadditions between Chloroalkynes and Unactivated Alkenes. <b>2018</b> , 140, 5860-5865	52
733	A convergent formal [4 + 2] cycloaddition of 1,6-diynes and benzyl azides: construction of spiro-polyheterocycles. <b>2018</b> , 16, 3258-3265	7
732	Sequential Au/Cu Catalysis: A Two Catalyst One-Pot Protocol for the Enantioselective Synthesis of Oxazole $\beta$ -Hydroxy Esters via Intramolecular Cyclization/Intermolecular Alder-Ene Reaction. <b>2018</b> , 360, 2183-2190	21
731	Computational Insights into the Gold-Catalyzed Ring-Opening of Methylene-cyclopropanes and Vinylcyclopropanes with Sulfonamides. <b>2018</b> , 10, 2817-2825	14
730	An Industrial Perspective on Counter Anions in Gold Catalysis: Underestimated with Respect to Ligand Effects <b>2018</b> , 360, 2493-2502	88
729	Gold-Catalyzed Oxidative Cyclization of Tryptamine Derived Enynamides: A Stereoselective Approach to Tetracyclic Spiroindolines. <b>2018</b> , 360, 2280-2284	32
728	(Ar-CO-C[triple bond, length as m-dash]C)(PEt)Au and (Ar-C[triple bond, length as m-dash]C)(PEt)Au complexes bearing pyrenyl and ferrocenyl groups: synthesis, structure, and luminescence properties. <b>2018</b> , 47, 6702-6712	5
727	Gold-catalyzed Bicyclization of Diaryl Alkynes: Synthesis of Polycyclic Fused Indole and Spirooxindole Derivatives. <b>2018</b> , 20, 2733-2736	53

- 726 Gold-catalyzed [4+3]- and [4+2]-annulations of 3-en-1-ynamides with isoxazoles novel electrocyclizations of 3-azahepta trienyl cations. **2018**, 9, 2991-2995 81
- 725 Intermolecular Desymmetrizing Gold-Catalyzed Yne-Yne Reaction of Push-Pull Diarylalkynes. **2018**, 24, 3725-3728 19
- 724 Alkynyl Coinage Metal Clusters and Complexes-Syntheses, Structures, and Strategies. **2018**, 24, 7536-7559 39
- 723 A Convergent Approach to Diverse Spiroethers through Stereoselective Trapping of Rhodium Carbenoids with Gold-Activated Alkynols. **2018**, 83, 2744-2752 26
- 722 Gold-catalyzed N,O-functionalization of 1,4-diyne-3-ols with N-hydroxyanilines to form highly functionalized pyrrole derivatives. **2018**, 54, 2114-2117 27
- 721 Diastereoselective synthesis, structure and reactivity studies of ferrocenyloxazoline gold(i) and gold(ii) complexes. **2018**, 47, 3880-3905 7
- 720 Gold(I)-Catalyzed Formation of Naphthalene/Acenaphthene Heterocyclic Acetals. **2018**, 20, 954-957 8
- 719 Gold(I)-Catalyzed 1,3-O-Transposition of Ynones: Mechanism and Catalytic Acceleration with Electron-Rich Aldehydes. **2018**, 8, 960-967 9
- 718 A Golden Access to Acenopentalenes. **2018**, 24, 2735-2740 19
- 717 Highly efficient mesoporous polymer supported phosphine-gold(i) complex catalysts for amination of allylic alcohols and intramolecular cyclization reactions.. **2018**, 8, 1737-1743 8
- 716 Synthesis of indolizine derivatives containing eight-membered rings via a gold-catalyzed two-fold hydroarylation of diynes. **2018**, 54, 1225-1228 24
- 715 Sulfamic Acid: A Recyclable Catalyst for the Synthesis of Triaryl- and Triheteroarylmethanes from Aldehydes and Activated Arenes. **2018**, 3, 599-601 3
- 714 Commercial Gold(I) and Gold(III) Compounds Supported on Carbon Materials as Greener Catalysts for the Oxidation of Alkanes and Alcohols. **2018**, 10, 1804-1813 17
- 713 Chiral Phosphine-Phosphite Ligands in Asymmetric Gold Catalysis: Highly Enantioselective Synthesis of Furo[3,4-d]-Tetrahydropyridazine Derivatives through [3+3]-Cycloaddition. **2018**, 24, 2379-2383 28
- 712 Total Synthesis of Mesembrine – The Construction of Quaternary Stereocenters by Gold-Catalyzed Diyne Desymmetrization. **2018**, 58, 568-577 7
- 711 Gold-catalyzed C5-alkylation of indolines and sequential oxidative aromatization: access to C5-functionalized indoles. **2018**, 16, 3889-3892 17
- 710 Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. **2018**, 130, 8382-8386 7
- 709 Detection of Intermediates in Dual Gold Catalysis Using High-Resolution Ion Mobility Mass Spectrometry. **2018**, 37, 1493-1500 22

708	Evidence of Hybrid Homogeneous/Heterogeneous Catalysis in a Pt/Au Heterobimetallic System. <b>2018</b> , 10, 2646-2654	5
707	Bifunctional Ligand Enables Efficient Gold-Catalyzed Hydroalkenylation of Propargylic Alcohol. <b>2018</b> , 57, 8250-8254	25
706	Gold(I)-Catalysed Hydroarylation of 1,3-Disubstituted Allenes with Efficient Axial-to-Point Chirality Transfer. <b>2018</b> , 24, 7002-7009	17
705	Reactions of secondary propargylamines with heteroallenes for the synthesis of diverse heterocycles. <b>2018</b> , 47, 3861-3898	84
704	Gold-catalyzed intermolecular oxidation of phenylacetylene and allylic sulfides: an efficient and practical synthesis of $\beta$ -phenylthio ketone. <b>2018</b> , 34, 57-60	
703	An asymmetric Mannich reaction of $\beta$ -diazocarbonyl compounds and N-sulfonyl cyclic ketimines catalyzed by complexes generated from chiral and achiral phosphines with gold(i). <b>2018</b> , 16, 2923-2931	9
702	l-serine-functionalized montmorillonite decorated with Au nanoparticles: A new highly efficient catalyst for the reduction of 4-nitrophenol. <b>2018</b> , 361, 143-155	26
701	A DFT mechanistic study on gold(I)-catalyzed cascade reaction of aminoalkyne involving Petasis-Ferrier cyclization. <b>2018</b> , 864, 136-142	2
700	Synthesis of substituted 4-hydroxyalkyl-quinoline derivatives by a three-component reaction using CuCl/AuCl as sequential catalysts. <b>2018</b> , 5, 434-441	24
699	A Structure-Based Activity Study of Highly Active Unsymmetrically Substituted NHC Gold(I) Catalysts. <b>2018</b> , 360, 106-111	20
698	Gold(I) catalyzed cascade cyclization: intramolecular two-fold nucleophilic addition to vinylidenecyclopropanes (VDCPs). <b>2018</b> , 5, 197-202	7
697	Gold-Katalyse für die Heterocyclenchemie: eine repräsentative Fallstudie zu Naturstoffen der Pyron-Reihe. <b>2018</b> , 130, 4289-4308	34
696	Gold Catalysis for Heterocyclic Chemistry: A Representative Case Study on Pyrone Natural Products. <b>2018</b> , 57, 4215-4233	94
695	Effect of Au nanoparticles on the activity of TiO <sub>2</sub> for ethanol upgrading reactions. <b>2018</b> , 551, 23-33	20
694	Diastereoselective Synthesis of C-Vinyl Glycosides via Gold(I)-Catalyzed Tandem 1,3-Acyloxy Migration/Ferrier Rearrangement. <b>2018</b> , 20, 16-19	12
693	Hydrogen-Bonding-Assisted Brønsted Acid and Gold Catalysis: Access to Both (E)- and (Z)-1,2-Haloalkenes via Hydrochlorination of Haloalkynes. <b>2018</b> , 8, 904-909	39
692	Expedient Synthesis of Highly Functionalized Abnormal Carbenegold(I) Complexes. <b>2018</b> , 57, 28-31	4
691	A square planar gold(III) bis-(1,1'-dimethyl-3,3'-methylene-diimidazol-2,2'-diylidene) trication as an efficient and selective receptor towards halogen anions: the cooperative effect of AuX and XHC interactions. <b>2018</b> , 47, 935-945	8

- 690 Gold-Catalyzed Divergent Ring-Closing Modes of Indole-Tethered Amino Allenynes. **2018**, 24, 1448-1454 4
- 689 Gold catalyzed Heck-coupling of arenediazonium o-benzenedisulfonimides. **2018**, 16, 295-301 21
- 688 Rapid Iododeboronation with and without Gold Catalysis: Application to Radiolabelling of Arenes. **2018**, 24, 937-943 11
- 687 PMO-Immobilized Au -NHC Complexes: Heterogeneous Catalysts for Sustainable Processes. **2018**, 19, 430-436 7
- 686 Synthesis of six- and seven-membered and larger heterocycles using Au and Ag catalysts. **2018**, 48, 541-568 27
- 685 Controllable aqueous synthesis of near-IR-plasmonic anisotropic gold nanoparticles in the hydrazine concentration assisted: hydrazine-citrate hydrogen-bonded network at room temperature and application in highly sensitive SERS-based detection of Pb (II) species. **2018**, 48, 535-540 3
- 684 An unexpected thermal-ring-rearrangement of benzochromenes to inden-3-yl-naphthols with pTsOH. **2018**, 16, 7920-7925 3
- 683 Spatially-Resolved Multiple Metallopolymer Surfaces by Photolithography. **2018**, 24, 18933-18943 4
- 682 Synthesis of 2-substituted benzo[b]thiophenes via gold(i)-NHC-catalyzed cyclization of 2-alkynyl thioanisoles. **2018**, 16, 9279-9284 7
- 681 Au(I)-Catalyzed hydroarylation of alkenes with N,N-dialkylanilines: a dual gold catalysis concept. **2018**, 8, 6486-6492 18
- 680 Au(I)-Catalyzed Access to 1 H-Pyrrolo[1,2- a]indol-2(3- H)-ones via Oxidation of Terminal Alkynes. **2018**, 83, 14751-14757 13
- 679 Inducing wetting morphologies and increased reactivities of small Au clusters on doped oxide supports. **2018**, 149, 174701 5
- 678 Empirical Estimation of the Molecular Weight of Gold Complexes in Solution by Pulsed-Field Gradient NMR. **2018**, 37, 4692-4698 4
- 677 Comparison of halide donators based on  $\pi\text{-}\sigma$  (M = Cu, Ag, Au),  $\pi\text{-}\sigma\text{-H}$  and  $\pi\text{-}\sigma\text{-halogen}$  bonds. **2018**, 137, 1 6
- 676 Bifunctional Biphenyl-2-ylphosphine Ligand Enables Tandem Gold-Catalyzed Propargylation of Aldehyde and Unexpected Cycloisomerization. **2018**, 140, 17439-17443 35
- 675 Gold-Catalyzed syn-1,2-Difunctionalization of Ynamides via Nitrile Activation. **2018**, 20, 8077-8081 36
- 674 Metal N,N-dialkylcarbamates as easily available catalytic precursors for the carbon dioxide/propylene oxide coupling under ambient conditions. **2018**, 28, 168-173 13
- 673 Gold(i)-catalysed high-yielding synthesis of indenenes by direct C-H bond activation. **2018**, 16, 7330-7335 20

- 672 A Gold Carbene Manifold to Prepare Fused  $\beta$ -Lactams by Oxidative Cyclisation of Ynamides. **2018**, 24, 17215-17219 26
- 671 Au-Catalyzed Addition of Nucleophiles to Chloroalkynes: A Regio- and Stereoselective Synthesis of (Z)-Alkenyl Chlorides. **2018**, 2018, 6537-6540 12
- 670 Au-catalyzed intramolecular hydroalkoxylation of gem-difluorinated alkynols. **2018**, 216, 11-23 7
- 669 Photoreduction of Thioether Gold(III) Complexes: Mechanistic Insight and Homogeneous Catalysis. **2018**, 24, 18779-18787 10
- 668 Dual Gold-Catalyzed Formal Tetrahydro-Diels-Alder Reactions for the Synthesis of Carbazoles and Indolines. **2018**, 24, 17911-17914 20
- 667 Synthesis and Catalytic Activity of Coumarin- and Chrysin-Tethered Triazolylidene Gold(I) Complexes. **2018**, 2018, 4622-4629 5
- 666 Enantioselective Oxidative Cyclization/Mannich Addition Enabled by Gold(I)/Chiral Phosphoric Acid Cooperative Catalysis. **2018**, 130, 17446-17450 12
- 665 Chiral Brønsted Acid and Gold Catalyzed Enantioselective Synthesis of 1,8-Dihydroindeno[2,1-b]pyrroles. **2018**, 360, 4744-4753 13
- 664 Gold-Catalyzed Michael-Type Reactions and [4 + 2]-Annulations between Propiolates and 1,2-Benzisoxazoles with Ester-Directed Chemoselectivity. **2018**, 20, 6655-6658 25
- 663 Probing the structures and bonding of auropolyynes, Au-(C $\equiv$ C) $_n$ -Au ( $n = 1-3$ ), using high-resolution photoelectron imaging. **2018**, 149, 144307 7
- 662 Enantioselective and Regioselective Hydroetherification of Alkynes by Gold-Catalyzed Desymmetrization of Prochiral Phenols with P-Stereogenic Centers. **2018**, 20, 7039-7043 26
- 661 Enantioselective Oxidative Cyclization/Mannich Addition Enabled by Gold(I)/Chiral Phosphoric Acid Cooperative Catalysis. **2018**, 57, 17200-17204 67
- 660 Synthesis of Gold(III) Complexes with Bidentate Amino-Thiolate Ligands as Precursors of Novel Bifunctional Acyclic Diaminocarbenes. **2018**, 3, 13097-13103 3
- 659 Gold Catalyzed Multicomponent Reactions beyond A $\text{C}$  Coupling. **2018**, 23, 18
- 658 Efficient hydrogenation of stearic acid over carbon coated NiFe catalyst. **2018**, 367, 139-149 36
- 657 Gold(I)-Catalyzed and Nucleophile-Guided Ligand-Directed Divergent Synthesis. **2018**, 2018, 5688-5699 7
- 656 Synthesis of Axially Chiral 1,2,3-Triazol-5-ylideneAu(I) Complex and Its Application in Enantioselective [2 + 2] Cycloaddition of Alleneamides with Alkenes. **2018**, 37, 3196-3209 19
- 655 Scope and advances in the catalytic propargylic substitution reaction.. **2018**, 8, 31129-31193 50

- 654 Gold-Catalyzed Double Cycloisomerization of 1-Ene-4,10-diyne Esters to Bicyclo[6.3.0]undeca-2,4,9-trienyl Esters. **2018**, 130, 14431-14435 3
- 653 Synthesis of polysubstituted pyrroles via a gold(I)-catalyzed tandem three-component reaction at room temperature. **2018**, 29, 1893-1896 8
- 652 Theoretical investigation of gold(I)-catalyzed intramolecular SEAr in isoxazole derivatives: Mechanisms, origin of regioselectivity, and role of hydrogen acceptor. **2018**, 460, 27-35 8
- 651 Gold-Catalyzed [5+2]- and [5+1]-Annulations between Ynamides and 1,2-Benzisoxazoles with Ligand-Controlled Chemoselectivity. **2018**, 8, 9697-9701 50
- 650 Computational Exploration of Counterion Effects in Gold(I)-Catalyzed Cycloisomerization of  $\alpha$ -(Alkynyl)styrenes. **2018**, 3, 9339-9347 10
- 649 AuBr-catalyzed azidation of per-acetylated and per-benzoylated sugars. **2018**, 14, 682-687 2
- 648 Double A-Coupling of Primary Amines Catalysed by Gold Complexes. **2018**, 24, 16356-16367 8
- 647 Gold-Catalyzed Double Cycloisomerization of 1-Ene-4,10-diyne Esters to Bicyclo[6.3.0]undeca-2,4,9-trienyl Esters. **2018**, 57, 14235-14239 18
- 646 Dialkyl(1,3-diarylimidazolin-2-ylideneamino)phosphines: Strongly Electron-Donating, Buchwald-Type Phosphines. **2018**, 37, 3064-3072 19
- 645 Gold-catalyzed annulations of N-aryl ynamides with benzisoxazoles to construct 6H-indolo[2,3-b]quinoline cores. **2018**, 54, 10866-10869 53
- 644 Gold-catalyzed post-MCR transformations towards complex (poly)heterocycles. **2018**, 29, 61-69 10
- 643 Mechanistic Insights on the Hydration of Terminal and Internal Allenes Catalyzed by [(NHC)Au]<sup>+</sup>. **2018**, 37, 3543-3551 9
- 642 Variations on the Theme of JohnPhos Gold(I) Catalysts: Arsinic and Carbene Complexes with Similar Architectures. **2018**, 37, 3588-3597 9
- 641 Fluorescent resonance energy transfer of organic fluorescent dyes with gold nanoparticles and their analytical application. **2018**, 51, 145-151 4
- 640 Gold- and Silver-Catalysed Cyclisation Reactions of  $\beta$ -Amino Allenes. **2018**, 71, 682 3
- 639 Actinide Elements in Catalysis. **2018**, 1-23
- 638 Recent Advances in Transition-Metal-Catalyzed/Mediated Transformations of Vinylidenecyclopropanes. **2018**, 51, 1667-1680 30
- 637 Automated Chemical Oligosaccharide Synthesis: Novel Approach to Traditional Challenges. *Chemical Reviews*, **2018**, 118, 8105-8150 68.1 149

- 636 The role of the metal in the dual-metal catalysed hydrophenoxylation of diphenylacetylene. **2018**, 8, 3638-3648 10
- 635 Aerobic Alcohol Oxidation on Nanoporous Gold: Toward a Mechanistic Understanding of the Reactivity. **2018**, 20-30 2
- 634 Gold-Catalyzed Dimerization of Diarylalkynes: Direct Access to Azulenes. **2018**, 57, 12966-12970 24
- 633 Gold-Catalyzed Hydrohydrazidation of Terminal Alkynes. **2018**, 20, 4880-4884 15
- 632 Gold-Catalyzed Transformations of Propargyl Alcohols and Propargyl Amines. **2018**, 7, 1758-1783 25
- 631 Deactivation of a Single-Site Gold-on-Carbon Acetylene Hydrochlorination Catalyst: An X-ray Absorption and Inelastic Neutron Scattering Study. **2018**, 8, 8493-8505 43
- 630 Catalyst-dependent selectivity in sulfonium ylide cycloisomerization reactions. **2018**, 9, 7091-7095 15
- 629 Nanosilica functionalized with thiol-based dendrimer as a host for gold nanoparticles: An efficient and reusable catalyst for chemoselective oxidation of alcohols. **2018**, 32, e4440 7
- 628 Coordination of Asymmetric Diborenes towards Cationic Coinage Metals (Au, Ag, Cu). **2018**, 24, 15656-15662 22
- 627 Gold(I)-catalyzed Benzoylation of (Hetero)aryl Boronic Acids with (Hetero)benzyl Bromides by the Strategy of a S<sub>2</sub>-type Reaction. **2018**, 13, 2791-2795 2
- 626 The Dual Role of Gold(I) Complexes in Photosensitizer-Free Visible-Light-Mediated Gold-Catalyzed 1,2-Difunctionalization of Alkynes: A DFT Study. **2018**, 24, 14119-14126 19
- 625 Recent applications of click chemistry for the functionalization of gold nanoparticles and their conversion to glyco-gold nanoparticles. **2018**, 14, 11-24 36
- 624 The Important Role of the Nuclearity, Rigidity, and Solubility of Phosphane Ligands in the Biological Activity of Gold(I) Complexes. **2018**, 24, 14654-14667 24
- 623 Ruthenium-indolizone complexes as a new class of metalated heterocyclic compounds: insight into unconventional alkyne activation pathways, revelation of unexpected electronic properties and exploration of medicinal application. **2018**, 47, 12838-12842 13
- 622 Understanding Thermal and Photochemical Aryl-Aryl Cross-Coupling by the Au<sup>0</sup>/Au<sup>+</sup> Redox Couple. **2018**, 24, 13636-13646 16
- 621 Dearomatization of Indole via Intramolecular [3 + 2] Cycloaddition: Access to the Pentacyclic Skeleton of Strychnos Alkaloids. **2018**, 20, 4439-4443 15
- 620 Regioselective Arene and Heteroarene Functionalization: N-Alkenoxypyridinium Salts as Electrophilic Alkylating Agents for the Synthesis of  $\beta$ -Aryl/ $\beta$ -Heteroaryl Ketones. **2018**, 83, 10051-10059 19
- 619 Cu(I)-Catalyzed stereoselective synthesis of trisubstituted Z-enol esters via interrupting the 1,3-O-transposition reaction. **2018**, 5, 2510-2514 7



618	Gold-Decorated 3D 2,6-Diaminopyridine Network: A Robust Catalyst for the Bromination of Aromatic Compounds. <b>2018</b> , 57, 12314-12322	3
617	Gold nanoparticle trophic transfer from natural biofilm to grazer fish. <b>2018</b> , 51, 163-173	9
616	An Industrial Perspective on Counter Anions in Gold Catalysis: On Alternative Counter Anions. <b>2018</b> , 360, 3949-3959	65
615	Regiospecific Hydroamination of Unsymmetrical Electron-Rich and Electron-Poor Alkynes with Anilines Catalyzed by Gold(I) Immobilized in MCM-41. <b>2018</b> , 360, 3940-3948	20
614	Heterogeneous gold(I)-catalyzed [2' + 2' + 2] annulation between ynamides and nitriles: Straightforward synthesis of tetrasubstituted pyrimidines. <b>2018</b> , 74, 3020-3029	7
613	Gold-Catalyzed Intermolecular [4+2] Annulation of 2-Ethynylanilines with Ynamides: An Access to Substituted 2-Aminoquinolines. <b>2018</b> , 360, 2720-2726	21
612	Ligand Effect on Bonding in Gold(III) Carbonyl Complexes. <b>2018</b> , 57, 6161-6175	17
611	Comparing Protonolysis and Transmetalation Reactions: Microcalorimetric Studies of C-Au Bonds in [AuRL] Complexes. <b>2018</b> , 57, 11193-11200	2
610	New Phosphine Ligand Architectures Lead to Efficient Gold Catalysts for Cycloisomerization Reactions at Very Low Loading. <b>2018</b> , 360, 4215-4224	8
609	Computational study on the mechanisms of [2+3] and [2+2] cycloisomerization reaction catalyzed by gold complex. <b>2018</b> , 874, 63-69	8
608	Asymmetric Synthesis of Dihydropyranones via Gold(I)-Catalyzed Intermolecular [4+2] Annulation of Propiolates and Alkenes. <b>2018</b> , 130, 13314-13318	4
607	Efficient Gold(I) Acyclic Diaminocarbenes for the Synthesis of Propargylamines and Indolizines. <b>2018</b> , 3, 9805-9813	12
606	[1, 2]-Migration Reactions Catalyzed by Gold Complexes and their Applications in Total Synthesis. <b>2018</b> , 58, 596-607	10
605	Gold(I)-Catalyzed and HO-Mediated Carbene Cascade Reaction of Propargyl Diazoacetates: Furan Synthesis and Mechanistic Insights. <b>2018</b> , 20, 5332-5335	20
604	Iron oxide modified with pyridyl-triazole ligand for stabilization of gold nanoparticles: An efficient heterogeneous catalyst for A3 coupling reaction in water. <b>2018</b> , 32, e4454	17
603	Unveiling the mechanisms and secrets of chemoselectivities in Au(I)-catalyzed diazo-based couplings with aryl unsaturated aliphatic alcohols. <b>2018</b> , 8, 4450-4462	15
602	Oxidant-free oxidative gold catalysis: the new paradigm in cross-coupling reactions. <b>2018</b> , 54, 11069-11083	86
601	Direkter Zugang zu Azulenen über eine Gold-katalysierte Dimerisierung von Diarylalkinen. <b>2018</b> , 130, 13148-13152	6

600	Furfural Oxidation on Gold Supported on MnO <sub>2</sub> : Influence of the Support Structure on the Catalytic Performances. <b>2018</b> , 8, 1246	14
599	Asymmetric Synthesis of Dihydropyranones via Gold(I)-Catalyzed Intermolecular [4+2] Annulation of Propiolates and Alkenes. <b>2018</b> , 57, 13130-13134	17
598	Gold-Catalyzed Addition of $\beta$ -Ketoesters to Alkenes: Influence of Electronic and Steric Effects in the Reaction Outcome. <b>2018</b> , 23,	
597	Engineered C-S Bond Construction. <b>2018</b> , 376, 25	30
596	Acid-Promoted Bicyclization of Diaryl Alkynes: Synthesis of 2 H-Indazoles with in Situ Generated Diazonium Salt as Nitrogen Source. <b>2018</b> , 83, 9125-9136	12
595	The effects of three types of alfalfa plants ( <i>Medicago sativa</i> ) on the biosynthesis of gold nanoparticles: an insight into phytomining. <b>2018</b> , 51, 99-110	17
594	Cationic Gold(I)-Catalyzed Cascade Bicyclizations for Divergent Synthesis of (Spiro)polyheterocycles. <b>2018</b> , 8, 6388-6393	33
593	Computational Study on Gold-Catalyzed Cascade Reactions of 1,4-Diynes and Pyrroles: Mechanism, Regioselectivity, Role of Catalyst, and Effects of Substituent and Solvent. <b>2018</b> , 37, 1927-1936	13
592	Markovnikov at Gold: Nucleophilic Addition to Alkenes at Au(III). <b>2018</b> , 37, 1937-1947	8
591	N-Heterocycle-Fused Pentalenes by a Gold-Catalyzed Annulation of Diethynyl-Quinoxalines and -Phenazines. <b>2018</b> , 24, 12515-12518	15
590	Surface-induced formation of stereogenic centers on gold nanoparticles through diastereoselective interfacial Henry reaction: an NMR investigation. <b>2018</b> , 51, 65-74	0
589	Harnessing Nucleophilicity of Allenol Ester with p-Quinone Methides via Gold Catalysis: Application to the Synthesis of Diarylmethine-Substituted Enones. <b>2018</b> , 83, 9353-9363	10
588	Chiral Cyclometalated Oxazoline Gold(III) Complex-Catalyzed Asymmetric Carboalkoxylation of Alkynes. <b>2019</b> , 21, 6289-6294	18
587	Golden potential. <b>2019</b> , 11, 760-761	2
586	Recent Advances in Design of Gold-Based Catalysts for H Clean-Up Reactions. <b>2019</b> , 7, 517	16
585	Gold Catalysis: Fundamentals and Recent Developments. <b>2019</b> , 19-55	3
584	Growth Kinetics of Individual Au Spiky Nanoparticles Using Liquid-Cell Transmission Electron Microscopy. <b>2019</b> , 141, 12601-12609	10
583	Copper-Catalyzed [4+2]-Cycloadditions of Isoxazoles with 2-Alkynylbenzaldehydes To Access Distinct $\beta$ -Carbonylnaphthalene Derivatives: C(3,4)- versus C(4,5)-Regioselectivity at Isoxazoles. <b>2019</b> , 9, 7328-7334	13

582	Gold-Catalyzed Regiospecific Annulation of Unsymmetrically Substituted 1,5-Diyne for the Precise Synthesis of Bispentalenes. <b>2019</b> , 25, 12180-12186	17
581	Computational study on the 1,3-diyne synthesis from gold(I)-catalyzed alkynylation of terminal alkynes with alkynyl hypervalent iodine reagents under the aid of a silver complex and 1,10-phenanthroline. <b>2019</b> , 9, 4091-4099	3
580	Gold(I)-Catalyzed Synthesis of Six-Membered P,O-Heterocycles via Hydration/Intramolecular Cyclization Cascade Reaction. <b>2019</b> , 361, 4227-4231	2
579	Reactivity of 5-alkynyl-3,4-dihydro-2H-pyrroles with Au(III): Route to vinylgold(III) complexes, aurocycles by cyclisation of these complexes and ML complexes. <b>2019</b> , 897, 228-235	2
578	Gold(I)-catalyzed stereoselective cyclization of 1,3-enyne aldehydes by a 1,3-acyloxy migration/Nazarov cyclization/aldol addition cascade. <b>2019</b> , 10, 8219-8223	16
577	Balancing Bulkiness in Gold(I) Phosphino-triazole Catalysis. <b>2019</b> , 2019, 5540-5548	3
576	Gold-Catalyzed Functionalization of Semicarbazides with Terminal Alkynes to Achieve Substituted Semicarbazones. <b>2019</b> , 2019, 6094-6100	3
575	Heterogeneous Gold(I)-Catalyzed Oxidative Ring Expansion of 2-Alkynyl-1,2-Dihydropyridines or -Quinolines Towards Functionalized Azepines or Benzazepines. <b>2019</b> , 361, 4065-4074	9
574	Brønsted acid-catalysed hydroarylation of unactivated alkynes in a fluoroalcohol-hydrocarbon biphasic system: construction of phenanthrene frameworks. <b>2019</b> , 55, 9267-9270	19
573	Assessing the influence of phosphine substituents on the catalytic properties of self-stabilised digold(I) complexes with supporting ferrocene phosphinonitrile ligands. <b>2019</b> , 43, 11258-11262	9
572	Efficient Synthesis of $\beta$ -Allylbutenolides from Allyl Ynoates via Tandem Ligand-Enabled Au(I) Catalysis and the Claisen Rearrangement. <b>2019</b> , 9, 10339-10342	14
571	Controlled Evolution of the Cope Rearrangement: Transition from Concerted to Interrupted and Aborted Pericyclic Reactions Regulated by a Switch Built from an Intramolecular Frustrated Lewis Pair. <b>2019</b> , 84, 14844-14853	4
570	Mechanism of Au(III)-Mediated Alkoxy cyclization of a 1,6-Enyne. <b>2019</b> , 141, 18221-18229	17
569	An Efficient A3 Coupling Catalyst Based on a Silver Complex Bearing N-Heterocyclic Carbene and Homoscorpionate Bis(3-methyl-mercaptoimidazolyl)borate Ligands. <b>2019</b> , 4, 9268-9273	5
568	Effectiveness of the bimetallic catalytic center over the monometallic one for catalyzing the rearrangement of cyclopropanated bicyclic derivatives. <b>2019</b> , 899, 120907	1
567	ortho-Oxygenative 1,2-Difunctionalization of Diarylalkynes under Merged Gold/Organophotoredox Relay Catalysis. <b>2019</b> , 14, 4601-4606	5
566	Zinc-Catalyzed Alkyne-Carbonyl Metathesis of Ynamides with Isatins: Stereoselective Access to Fully Substituted Alkenes. <b>2019</b> , 84, 15331-15342	17
565	Recent topics of gold catalyst featuring Z-type ligands. <b>2019</b> , 60, 151231	11

- 564 Gold-Catalyzed Cycloisomerization of Pyridine-Bridged 1,8-Diynes: An Expedient Access to Luminescent Cycl[3.2.2]azines. **2019**, 21, 7109-7113 11
- 563 Gold-Catalyzed Synthesis of 6-Hydroxyindoles from Alkynylcyclohexadienones and Substituted Amines. **2019**, 84, 12228-12236 12
- 562 Enantioselective Gold-Catalyzed Domino Reactions. **2019**, 249-268
- 561 Dual gold catalysis - an update. **2019**, 55, 12127-12135 61
- 560 Gold-Catalyzed Hydroalkoxylation/Povarov Reaction Cascade of Alkynols with  $\alpha$ -Aryl Imines: Synthesis of Tetrahydroquinolines. **2019**, 4, 15754-15763 16
- 559 Syntheses of  $\alpha$ -Iodovinylfurans and 2-Acyl Furans via Controllable Cyclization of Ynenones. **2019**, 84, 12617-12625
- 558 Synthesis, Structure, and Reactivity of an NHC Silyl Gold(I) Complex. **2019**, 38, 3494-3497 5
- 557 Gold-Catalyzed Silyl-Migrative Cyclization of Homopropargylic Alcohols Enabled by Bifunctional Biphenyl-2-ylphosphine and DFT Studies. **2019**, 21, 7791-7794 8
- 556 Water-compatible fluorescent [2]rotaxanes for Au<sup>3+</sup> detection and bioimaging. **2019**, 3, 2388-2396 11
- 555 Chemoselectivity in Gold(I)-Catalyzed Propargyl Ester Reactions: Insights From DFT Calculations. **2019**, 7, 609 1
- 554 Catalyst-Controlled Product Selectivity for Cycloaddition of Bis(indol-3-yl)-allenes to Fused Spiroindolines and Mechanistic Studies. **2019**, 21, 8250-8255 12
- 553 Biaryl synthesis with arenediazonium salts: cross-coupling, CH-arylation and annulation reactions. **2019**, 48, 1150-1193 108
- 552 Recent Progress in Catalytic Oxidative Transformations of Alcohols by Supported Gold Nanoparticles. **2019**, 361, 2215-2235 19
- 551 Umpolung Reactivity of Ynamides: An Unconventional [1,3]-Sulfonyl and [1,5]-Sulfinyl Migration Cascade. **2019**, 131, 2387-2392 8
- 550 Gold-catalyzed Cycloisomerization Reactions within Guanidinium ML Nanospheres: the Effect of Local Concentrations. **2019**, 11, 1458-1464 7
- 549 Selective Vinylogous Reactivity of Carbene Intermediate in Gold-Catalyzed Alkyne Carbocyclization: Synthesis of Indenols. **2019**, 9, 2440-2447 24
- 548 Gold nanoparticles supported on functionalized silica as catalysts for alkyne hydroamination: A chemico-physical insight. **2019**, 492, 45-54 11
- 547 Ligand and counteranion enabled regiodivergent C-H bond functionalization of naphthols with  $\beta$ -aryl- $\beta$ -diazoesters. **2019**, 10, 6553-6559 32

546	Gold(i)-catalyzed cascade cyclization of O-tethered 1,7-enynes bearing a cyclopropane moiety: construction of multi-substituted furans. <b>2019</b> , 55, 8126-8129	15
545	Starch functionalized creatine for stabilization of gold nanoparticles: Efficient heterogeneous catalyst for the reduction of nitroarenes. <b>2019</b> , 495, 118965	12
544	Strategies for the Diversity-Oriented Synthesis of Macrocycles. <i>Chemical Reviews</i> , <b>2019</b> , 119, 10288-10318.1	64
543	Facile construction of diverse polyheterocyclic scaffolds via gold-catalysed dearomative spirocyclization/1,6-addition cascade. <b>2019</b> , 17, 6284-6292	16
542	Gold-Catalyzed Oxidative Arylations of 3-Butyn-1-ols and 2-Propyn-1-ols with Nitrones to Yield Distinct Fused Indoles Bearing a Heterocyclic Ring. <b>2019</b> , 9, 5890-5896	15
541	Modular Access to Diverse Bridged Indole Alkaloid Mimics via a Gold-Triggered Cascade Dearomative Spirocarbocyclization/[4 + 2] Cycloaddition Sequence. <b>2019</b> , 21, 4469-4474	32
540	Synthesis of gold nanoparticles supported at graphene derivatives using green reductants and evaluation of their catalytic activity in 4-nitrophenol reduction. <b>2019</b> , 52, 165-174	1
539	Improvement of amperometric laccase biosensor using enzyme-immobilized gold nanoparticles coupling with ureasil polymer as a host matrix. <b>2019</b> , 52, 79-85	10
538	Metal-Free Carbonyl-Assisted Regioselective Hydration of Alkynes: An Access to Dicarboxyls. <b>2019</b> , 21, 5059-5063	9
537	A gold-catalyzed facile intramolecular rearrangement and cyclization sequence for synthesis of 2,5-dihydrofurans. <b>2019</b> , 17, 6015-6024	6
536	Copper-Catalyzed Cascade Cyclization of Indolyl Homopropargyl Amides: Stereospecific Construction of Bridged Aza-[n.2.1] Skeletons. <b>2019</b> , 131, 9734-9741	6
535	Synthesis of 2-Aminoindoles through Gold-Catalyzed C-H Annulations of Sulfilimines with N-Arylamides. <b>2019</b> , 21, 4327-4330	39
534	Gold-catalyzed bicyclic annulations of 4-methoxy-1,2-dienyl-5-yne with isoxazoles to form indolizine derivatives an Au-alkene intermediate. <b>2019</b> , 10, 6437-6442	25
533	Gold-catalyzed [4+2] Annulations of Dienes with Nitrosoarenes as 4 Donors: Nitroso-Povarov Reactions. <b>2019</b> , 131, 9936-9940	7
532	Gold-catalyzed [4+2] Annulations of Dienes with Nitrosoarenes as 4 Donors: Nitroso-Povarov Reactions. <b>2019</b> , 58, 9831-9835	20
531	Carbophilic activation of $\pi$ -systems via gold coordination: Towards regioselective access of intermolecular addition products. <b>2019</b> , 392, 1-34	30
530	Gold-Catalyzed Highly Chemo- and Regioselective C-H Bond Functionalization of Phenols with Haloalkynes. <b>2019</b> , 2019, 3867-3876	16
529	Gold(I)-catalyzed intermolecular dioxolane addition to alkynes: the role of water. <b>2019</b> , 138, 1	0

528	Deciphering the Origin of Enantioselectivity on the Cis-Cyclopropanation of Styrene with Enantiopure Di-chloro,Di-gold(I)-SEGPPOS Carbenoids Generated from Propargylic Esters. <b>2019</b> , 84, 7664-7673	1
527	Gold(I) Complexes in Ionic Liquids: An Efficient Catalytic System for the C-H Functionalization of Arenes and Heteroarenes under Mild Conditions. <b>2019</b> , 2019, 3687-3693	10
526	Producing metals from common rocks: The case of gold. <b>2019</b> , 148, 23-35	7
525	Gold(I)-Catalyzed Oxidation of Acyl Acetylenes to Vicinal Tricarbonyls. <b>2019</b> , 21, 4116-4119	20
524	Optimizing ligand structure for low-loading and fast catalysis for alkynyl-alcohol and -amine cyclization. <b>2019</b> , 48, 7928-7937	5
523	A Mild and Regioselective Synthesis of $\alpha$ -Fluoroketones via Gold and Selectfluor Partnership. <b>2019</b> , 361, 3612-3618	10
522	Copper-Catalyzed Cascade Cyclization of Indolyl Homopropargyl Amides: Stereospecific Construction of Bridged Aza-[n.2.1] Skeletons. <b>2019</b> , 58, 9632-9639	22
521	In situ erzeugte Goldnanopartikel auf Aktivkohle als wiederverwendbare hocheffiziente Katalysatoren für eine C-C-Stille-Kupplung. <b>2019</b> , 131, 10437-10442	1
520	In Situ Generated Gold Nanoparticles on Active Carbon as Reusable Highly Efficient Catalysts for a C-C Stille Coupling. <b>2019</b> , 58, 10330-10334	12
519	Improving Homogeneous Cationic Gold Catalysis through a Mechanism-Based Approach. <b>2019</b> , 52, 1275-1288	47
518	Gold-carbene assisted formation of tetraarylmethane derivatives: double X-H activation by gold. <b>2019</b> , 17, 4856-4864	6
517	Cuprophilic Interactions in and between Molecular Entities. <b>2019</b> , 25, 8936-8954	63
516	Gold-Catalyzed Dual Annulation of Homopropargyl Alcohols with Nitrones: Synthesis of Tetrahydropyrano[4,3-b]indole Scaffolds. <b>2019</b> , 361, 3569-3574	7
515	Cationic Gold(I) Diarylallenylidene Complexes: Bonding Features and Ligand Effects. <b>2019</b> , 20, 1671-1679	9
514	Phosphinine-Based Ligands in Gold-Catalyzed Reactions. <b>2019</b> , 25, 8769-8779	12
513	Regiodivergent Electrophilic Cyclizations of Alkynylcyclobutanes for the Synthesis of Cyclobutane-Fused O-Heterocycles. <b>2019</b> , 84, 5712-5725	9
512	Gold(i) catalysed regio- and stereoselective intermolecular hydroamination of internal alkynes: towards functionalised azoles. <b>2019</b> , 17, 3805-3811	14
511	Dexterity of gold catalysis in controlling the regioselectivity of cycloaddition reactions. <b>2019</b> , 61, 406-446	16

510	Gold(I)-Catalyzed Ring Expansion of Alkynylcyclopropyl Allyl Ethers to Construct Tetrasubstituted Methylenecyclobutanones: A Mechanistic Investigation about the Character of Catalytic Amount of Water. <b>2019</b> , 361, 2321-2328	10
509	Alkynes as Synthetic Equivalents of Ketones and Aldehydes: A Hidden Entry into Carbonyl Chemistry. <b>2019</b> , 24,	25
508	Dinuclear NHC Gold(I) Allenyl and Propargyl Complexes: An Experimental and Theoretical Study. <b>2019</b> , 38, 1524-1533	10
507	Synthesis and study of Au(III)-indolizine derivatives: turn-on luminescence by photo-induced controlled release. <b>2019</b> , 55, 4471-4474	4
506	Ag(I)-Catalyzed Tandem Reaction of Conjugated Ene-yne-ketones in the Presence of PhI(OAc) and Triethylamine: Synthesis of 2-Alkenylfurans. <b>2019</b> , 21, 2416-2420	15
505	Direct intramolecular carbon(sp)-nitrogen(sp) reductive elimination from gold(III). <b>2019</b> , 48, 6273-6282	13
504	Three-Component [2+2+1] Gold(I)-Catalyzed Oxidative Generation of Fully Substituted 1,3-Oxazoles Involving Internal Alkynes. <b>2019</b> , 361, 2926-2935	24
503	Au-Catalyzed tandem intermolecular hydroalkoxylation/Claisen rearrangement between allylic alcohols and chloroalkynes. <b>2019</b> , 17, 4435-4439	7
502	Direct access to benzo[b]fluorenes via a gold-catalysed A3-coupling strategy. <b>2019</b> , 6, 1655-1662	7
501	Gold-Catalyzed Stereoselective Domino Cyclization/Alkynylation of N-Propargylcarboxamides with Benzenodioxole Reagents for the Synthesis of Alkynyloxazolines. <b>2019</b> , 361, 3155-3162	18
500	Highly active, homogeneous catalysis by polyoxometalate-assisted N-heterocyclic carbene gold(I) complexes for hydration of diphenylacetylene. <b>2019</b> , 469, 144-154	8
499	Homogeneous and Nanoparticle Gold-Catalyzed Hydrothiocyanation of Haloalkynes. <b>2019</b> , 21, 2772-2776	27
498	Gold(I)-Catalyzed 1,3-Carbofunctionalizations of Anthranils with Vinyl Propargyl Esters To Yield 1,3-Dihydrobenzo[ c ]-isoxazoles. <b>2019</b> , 21, 2876-2879	12
497	Green and Facile Assembly of Diverse Fused -Heterocycles Using Gold-Catalyzed Cascade Reactions in Water. <b>2019</b> , 24,	13
496	Catalytic ring-closing reactions of gold compounds containing bis(phosphino)ferrocene ligands. <b>2019</b> , 889, 1-8	7
495	Two-Dimensional Gold Quantum Dots with Tunable Bandgaps. <b>2019</b> , 13, 4347-4353	13
494	Conversion of O-Propargyl Ketones to 2-Allylidene 1,3-Diones and Furan Derivatives via [3,3]-Sigmatropic Rearrangement. <b>2019</b> , 4, 2053-2058	4
493	Gold-Catalyzed Oxidation of Internal Alkynes into Benzils and its Application for One-Pot Synthesis of Five-, Six-, and Seven-Membered Azaheterocycles. <b>2019</b> , 2019, 1856-1864	29

- 492 N-Pyridinyl Sulfilimines as a Source for  $\eta$ -Imino Gold Carbenes: Access to 2-Amino-Substituted N-Fused Imidazoles. **2019**, 21, 1598-1601 47
- 491 Gold catalysed transformation of 2-arylindoles to terphenyl amines via 3-dienyl indoles and Brønsted acid promoted formation of 2-carboxyindoles to 3-indenylindoles via 3-allenylindoles. **2019**, 17, 3275-3284 4
- 490 Gold(III)-Catalyzed Intermolecular Oxidation-Cyclization of Ynones: Access to 4-Substituted Chroman-3-ones. **2019**, 361, 2148-2153 14
- 489 Controlling the Selectivity Patterns of Au-Catalyzed Cyclization-Migration Reactions. **2019**, 21, 1555-1558 6
- 488 Hydrative syntheses of amides from alkynes catalyzed by an Au(I) complex containing pyridyl-functionalized NHC ligand. **2019**, 886, 1-8 7
- 487 Gold-catalyzed formation of aryl-fused pyrazolooxazepines via intramolecular regioselective 7-exo-dig cyclization. **2019**, 17, 2809-2817 9
- 486 Gold-Catalyzed Atom-Economic Synthesis of Sulfone-Containing Pyrrolo[2,1-a]isoquinolines from Diynamides: Evidence for Consecutive Sulfonyl Migration. **2019**, 9, 2610-2617 28
- 485 Base-mediated 1,4-Conjugate Addition/Intramolecular 5-exo-dig Annulation of Propargylamines with Benzoylacetonitriles and  $\beta$ -Keto Esters for Polysubstituted Furans and Furo[3,4-c]coumarins Formation. **2019**, 361, 1874-1886 14
- 484 Silver Effect in Regiodivergent Gold-Catalyzed Hydroaminations. **2019**, 9, 2552-2557 18
- 483 Nitrate Reductase mediated synthesis of surface passivated nanogold as broad-spectrum antibacterial agent. **2019**, 52, 197-216 5
- 482 Bicyclic (amino)(borata)carbene derived from diazadiborinine and isonitrile. **2019**, 55, 13012-13014 2
- 481 DFT Study on Photosensitizer-Free Visible-Light-Mediated Au-Catalyzed -Difunctionalization of Alkynes: Mechanism and Selectivities as Compared to Rh Catalysis. **2019**, 84, 16171-16182 5
- 480 Ring Expansion and 1,2-Migration Cascade of Benzisoxazoles with Ynamides: Experimental and Theoretical Studies. **2019**, 14, 4828-4836 12
- 479 Near-Field Enhancement Contribution to the Photoactivity in Magnetite/Gold Hybrid Nanostructures. **2019**, 123, 29891-29899 3
- 478 Metal-Promoted Organic Transformation in DES. **2019**, 171-186 1
- 477 A new nanocomposite optical sensor based on polyurethane foam and gold nanorods for solid-phase spectroscopic determination of catecholamines. **2019**, 52, 115-124 5
- 476 Chiral N-heterocyclic Carbene Gold Complexes: Synthesis and Applications in Catalysis. **2019**, 9, 890 16
- 475 Helical Poly(quinoxaline-2,3-diyl)s Bearing 1,2,3-Triazole Pendants: Synthesis by CuAAC and Use as Reusable Abnormal NHC Ligands in Gold Catalysis. **2019**, 11, 424-429 10



474	Generation of Gold(I) Carbenes by Retro-Buchner Reaction: From Cyclopropanes to Natural Products Synthesis. <b>2019</b> , 11, 53-72	52
473	Strategic Approach on N-Oxides in Gold Catalysis [A Case Study. <b>2019</b> , 361, 725-738	27
472	Total Synthesis of (-)-Merochlorin A. <b>2019</b> , 131, 2512-2516	4
471	Intramolecular and Ferrier Rearrangement Strategy for the Construction of C1- $\beta$ -xylopyranosides: Synthesis, Mechanism and Biological Activity Study. <b>2019</b> , 361, 1012-1017	6
470	Sulfilimine als vielseitige Nitrentansfer-Reagenzien: Einfacher Zugang zu vielfältigen aza-Heterocyclen. <b>2019</b> , 131, 3627-3631	22
469	Sulfilimines as Versatile Nitrene Transfer Reagents: Facile Access to Diverse Aza-Heterocycles. <b>2019</b> , 58, 3589-3593	68
468	Golden Face of Phosphine: Cascade Reaction to Bridgehead Methanophosphocines by Intramolecular Double Hydroarylation. <b>2019</b> , 21, 45-49	9
467	Gold-Catalyzed Oxidative Cyclization/Aldol Addition of Homopropargyl Alcohols with Isatins. <b>2019</b> , 21, 369-372	30
466	Umpolung Reactivity of Ynamides: An Unconventional [1,3]-Sulfonyl and [1,5]-Sulfinyl Migration Cascade. <b>2019</b> , 58, 2365-2370	45
465	Total Synthesis of (-)-Merochlorin A. <b>2019</b> , 58, 2490-2494	15
464	Gold-Catalyzed Facile Synthesis and Crystal Structures of Benzene-/Naphthalene-Based Bispentalenes as Organic Semiconductors. <b>2019</b> , 25, 216-220	25
463	Gold-Catalyzed Synthesis of 2,5-Disubstituted Oxazoles from Carboxamides and Propynals. <b>2019</b> , 361, 2309-2314	12
462	Intracellular Catalysis with Selected Metal Complexes and Metallic Nanoparticles: Advances toward the Development of Catalytic Metallodrugs. <i>Chemical Reviews</i> , <b>2019</b> , 119, 829-869	68.1 96
461	Gold-catalyzed Rapid Construction of Nitrogen-containing Heterocyclic Compound Library with Scaffold Diversity and Molecular Complexity. <b>2019</b> , 361, 1419-1440	22
460	Rhodium(I)-Catalyzed [2+2+1] and [4+1] Cycloadditions. <b>2019</b> , 161-182	2
459	Ring Formation by 5-endo-dig Cyclization. <b>2019</b> , 1-100	6
458	Chiral Au - and Au -Isothiourea Complexes: Synthesis, Characterization and Application. <b>2019</b> , 25, 1064-1075	8
457	AuBr -Catalyzed Chemoselective Annulation of Isocyanates with 2H-Azirine. <b>2019</b> , 25, 4093-4099	4

456	Gold Catalysts for the Selective Oxidation of Biomass-Derived Products. <b>2019</b> , 11, 309-323	31
455	Gold Catalyzed Photoredox C1-Alkynylation of N-Alkyl-1,2,3,4-tetrahydroisoquinolines by 1-Bromoalkynes with UVA LED Light. <b>2019</b> , 361, 1313-1321	14
454	Our Contributions in Synthesis of Diverse Heterocyclic Scaffolds by Using Mixed Oxides as Heterogeneous Catalysts. <b>2019</b> , 19, 1793-1812	10
453	Gold nanomaterials as key suppliers in biological and chemical sensing, catalysis, and medicine. <b>2020</b> , 1864, 129435	45
452	Structural and NMR spectroscopic studies of 2-phenylsulfanylpyridine and its analogues or derivatives, and their Au(III) chloride complexes. <b>2020</b> , 500, 119182	3
451	Mechanistic insights into the origin of substituent-directed product Z/E selectivity for gold-catalyzed [4+1]-annulations of 1,4-diyne-3-ols with isoxazoles: A DFT study. <b>2020</b> , 480, 110647	4
450	Total Synthesis of 1-Oxomiltirone and Arucadiol. <b>2020</b> , 31, 1953-1956	2
449	Gold-Catalyzed Intermolecular Oxidative Diyne Cyclizations via 1,6-Carbene Transfer. <b>2020</b> , 362, 755-759	7
448	Gold-Catalyzed Cross-Coupling Reactions: An Overview of Design Strategies, Mechanistic Studies, and Applications. <b>2020</b> , 26, 1442-1487	62
447	Synthesis of nitrogen-containing molecules via transition metal-catalyzed reactions on isoxazoles, anthranils and benzoisoxazoles. <b>2020</b> , 73, 195-251	17
446	Electrocatalytic activity of Pd/Au nanoalloys during methanol oxidation reaction. <b>2020</b> , 45, 4444-4456	11
445	Gold Catalyzed Cyclopropanation/[5+3] Cycloaddition of 1,4,9- and 1,4,10-Allenynes to Bicyclo[3.3.1]nonane Derivatives. <b>2020</b> , 362, 1084-1095	5
444	Gold(I) and Gold(III) Complexes of Expanded-Ring N-Heterocyclic Carbenes: Structure, Reactivity, and Catalytic Applications. <b>2020</b> , 39, 172-181	10
443	Lewis Acid Catalyzed Electrophilic Aminomethoxygenative Cyclization of Alkynols with $\alpha$ -Aminals. <b>2020</b> , 22, 755-759	12
442	Rhodium-catalyzed homodimerization/cyclization reaction of two vinyl isocyanides: a general route to 2-(isoquinolin-1-yl)oxazoles. <b>2020</b> , 7, 126-130	14
441	Synthesis and NMR study of trimethylphosphine gold(I)-appended calix[8]arenes as precursors of gold nanoparticles. <b>2020</b> , 7, 953-960	4
440	Early Main Group Metal Lewis Acid Catalysis. <b>2020</b> , 279-310	5
439	Nature of the Nucleophilic Oxygenation Reagent Is Key to Acid-Free Gold-Catalyzed Conversion of Terminal and Internal Alkynes to 1,2-Dicarbonyls. <b>2020</b> , 85, 745-757	31

438	Gold-Catalyzed Iminations of Terminal Propargyl Alcohols with Anthranils with Atypical Chemoselectivity for C(1)-Additions and 1,2-Carbon Migration. <b>2020</b> , 26, 3600-3608	11
437	$\eta$ -Imino Gold Carbene Intermediates from Readily Accessible Sulfilimines: Intermolecular Access to Structural Diversity. <b>2020</b> , 26, 3197-3204	56
436	Coinage Metal (Bisfluorosulfonyl)imide Complexes: Preparation, Characterization, and Catalytic Applications. <b>2020</b> , 2020, 107-118	3
435	Asymmetric Reactions Enabled by Cooperative Enantioselective Amino- and Lewis Acid Catalysis. <b>2019</b> , 378, 1	37
434	A gold(i)-catalysed chemoselective three-component reaction between phenols, $\eta$ -diazocarbonyl compounds and allenamides. <b>2020</b> , 56, 1649-1652	7
433	Recent Advances in Construction of Polycyclic Natural Product Scaffolds via One-Pot Reactions Involving Alkyne Annulation. <b>2020</b> , 8, 580355	14
432	Gold-Catalyzed Addition of Carboxylic Acids to Alkynes and Allenes: Valuable Tools for Organic Synthesis. <b>2020</b> , 10, 1206	9
431	Silver(I) Oxide-/DBU-Promoted Synthesis of Dihydrofuran Units through Allenyl Silver Formation. <b>2020</b> , 26, 17455-17461	1
430	Gold(iii) promoted formation of dihydroquinazolinones: double X-H activation by gold.. <b>2020</b> , 10, 35681-35691	2
429	Gold-catalyzed homo- and cross-annulation of alkynyl carboxylic acids: a facile access to substituted 4-hydroxy 2-pyrones and total synthesis of pseudopyronine A. <b>2020</b> , 18, 8716-8723	2
428	Silver-Catalyzed Carbon Dioxide Fixation on Alkynylindenes. <b>2020</b> , 22, 8648-8651	2
427	1,2-Migrations onto Gold Carbene Centers. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8948-8978	68.1 30
426	Regio- and Site-selective Molecular Rearrangements by Homogeneous Gold Catalysis. <b>2020</b> , 9, 1953-1998	4
425	Bimetallic cooperation across the periodic table. <b>2020</b> , 4, 696-702	46
424	Gold-catalyzed C $\equiv$ N Functionalization of Phenothiazines with Aryldiazoacetates. <b>2020</b> , 362, 5721-5727	6
423	Au-Cavitands: Size governed arene-alkyne cycloisomerization. <b>2020</b> , 61, 152333-152333	7
422	Synthesis, reactivity and catalytic activity of Au-PAd complexes. <b>2020</b> , 49, 13872-13879	6
421	Gold-catalyzed dual C-C bond cleavage of biphenylenes bearing a pendant alkyne at ambient temperature. <b>2020</b> , 18, 5826-5831	3

420	Mechanism and Origins of Product Selectivity of Au-Catalyzed Coupling Benzisoxazoles with Ynamides: A Computational Study. <b>2020</b> , 12, 5276-5283	4
419	Gold-Catalyzed Sequential Cycloisomerization of 1,3,9-Ene-allene-ynes to Fused Spirocarbocycles. <b>2020</b> , 2020, 5227-5233	0
418	Gold-Catalyzed Asymmetric Thioallylation of Propiolates via Charge-Induced Thio-Claisen Rearrangement. <b>2020</b> , 142, 20788-20795	9
417	Theoretical Insights into Ester-Directed Reactions between Propiolates with 1,2-Benzisoxazoles by Au(I) Catalyst: [4 + 2]-Annulation versus Michael-Type Products. <b>2020</b> , 39, 4061-4068	2
416	Gold-Catalyzed Reactions of Specially Activated Alkynes, Allenes, and Alkenes. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8756-8867	68.1 60
415	Exploring the Versatility of 7-Alkynylcycloheptatriene Scaffolds Under $\delta$ Acid Catalysis. <b>2020</b> , 2020, 5350-5357	4
414	Synthesis of Pyrrolo[1,2-]isoquinolines via Gold(I)-Catalyzed Cyclization/Enyne Cycloisomerization/1,2-Migration Cascade. <b>2020</b> , 22, 6537-6542	5
413	Synergy of activating substrate and introducing C-H $\cdots$ O interaction to achieve Rh2(II)-catalyzed asymmetric cycloisomerization of 1,n-enynes. <b>2020</b> , 63, 1230-1239	6
412	Homogeneous Gold Redox Chemistry: Organometallics, Catalysis, and Beyond. <b>2020</b> , 2, 707-720	51
411	Dinuclear gold(I)-N-heterocyclic carbene complexes: Synthesis, characterization, and catalytic application for hydrohydrazidation of terminal alkynes. <b>2020</b> , 34, e5942	
410	Synthesis of (-)-Dihydroraputindole D by Enantioselective Benzoylation of a 1,3-Diol Intermediate. <b>2020</b> , 26, 12733-12737	2
409	Dinuclear Gold(I) Complexes Bearing Alkyl-Bridged Bis(N-heterocyclic carbene) Ligands as Catalysts for Carboxylative Cyclization of Propargylamine: Synthesis, Structure, and Kinetic and Mechanistic Comparison to the Mononuclear Complex [Au(IPr)Cl]. <b>2020</b> , 39, 2907-2916	11
408	Transition Metal-Mediated Annulation Approaches for Synthesis of Arylnaphthalene Lignan Lactones. <b>2020</b> , 8, 628	5
407	Multicomponent and multicatalytic asymmetric synthesis of furo[2,3-]pyrrole derivatives: further insights into the mode of action of chiral phosphoric acid catalysts. <b>2020</b> , 11, 9181-9190	5
406	Gold-Catalyzed Synthesis of Small Rings. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8613-8684	68.1 51
405	Atop adsorption of oxygen on small sized gold clusters: Analysis of size and site reactivity from restructuring perspective. <b>2020</b> , 1191, 113014	2
404	Catalytic activities of Ag/C decorated with small amounts of Au and Pt for glycerol oxidation. <b>2020</b> , 45, 30592-30600	2
403	A Digallane Gold Complex with a 12-Electron Auride Center: Synthesis and Computational Studies. <b>2020</b> , 39, 4372-4379	0

402	Development of Silver Nanoparticles Decorated on Functional Glass Slide as Highly Efficient and Recyclable Dip Catalyst. <b>2020</b> , 5, 12365-12370		4
401	An Overview of Water-Mediated Alkyne Functionalization by Neighboring Group Participation of Carbonyl Groups. <b>2020</b> , 362, 4833-4860		7
400	Directing-Group-Free, Carbonyl Group-Promoted Catalytic C $\equiv$ N Arylation of Bio-Based Furans. <b>2020</b> , 10, 11466-11480		4
399	New frontiers in the transition-metal-free synthesis of heterocycles from alkynoates: an overview and current status. <b>2020</b> , 7, 3734-3791		18
398	Recent Advances in Gold(III) Chemistry: Structure, Bonding, Reactivity, and Role in Homogeneous Catalysis. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8364-8451	68.1	45
397	Gold-Catalyzed Oxidative Aminocyclizations of Propargyl Alcohols and Propargyl Amines to Form Two Distinct Azacyclic Products: Carbene Formation versus a 3,3-Sigmatropic Shift of an Initial Intermediate. <b>2020</b> , 26, 16932-16938		1
396	Enantioselective Fluorination of $\beta$ -Branched $\alpha$ -Kynone Esters Using a Cinchona-Based Phase-Transfer Catalyst. <b>2020</b> , 85, 12804-12812		1
395	Selectivity Control in Gold-Catalyzed Hydroarylation of Alkynes with Indoles: Application to Unsymmetrical Bis(indolyl)methanes. <b>2020</b> , 22, 6977-6981		10
394	Efficient [(NHC)Au(NTf)]-catalyzed hydrohydrazidation of terminal and internal alkynes. <b>2020</b> , 16, 2080-2086		
393	Gold-Catalyzed Addition--Boc Cleavage-Cyclization of $\beta$ -Acetal with Ynamides for Construction of 6-( $\beta$ -Butyldimethylsilyloxy-tetrahydropyrrolo[1,2-][1,3]oxazin-1-ones. <b>2020</b> , 85, 12603-12613		13
392	Nontraditional Catalyst Supports in Surface Organometallic Chemistry. <b>2020</b> , 10, 11822-11840		40
391	Comparative Mechanistic Study on the [Au(NHC)] <sup>+</sup> -Catalyzed Hydration of Alkynes, Alkenes, and Allenes. <b>2020</b> , 39, 3469-3479		6
390	Terphenyl(bisamino)phosphines: electron-rich ligands for gold-catalysis. <b>2020</b> , 49, 12354-12364		5
389	Assessing counterion effects in gold-catalyzed domino spirocyclization: an industrial perspective on hydrogen bonding. <b>2020</b> , 22, 19606-19612		2
388	Copper-Catalyzed Sequential Cyclization/Migration of Alkynyl Hydrazides for Construction of Ring-Expanded N-N Fused Pyrazolones. <b>2020</b> , 22, 6852-6857		3
387	Homogeneous and Heterogeneous Gold Catalysis for Materials Science. <i>Chemical Reviews</i> , <b>2021</b> , 121, 9113-9163	68.1	48
386	Gold as a catalyst. Part III. Addition to double bonds. <b>2020</b> , 89, 491-536		5
385	Exploring the Limits of $\beta$ -Acid Catalysis Using Strongly Electrophilic Main Group Metal Complexes: The Case of Zinc and Aluminium. <b>2020</b> , 26, 12831-12838		8

- 384 Gold-Catalyzed Regioselective Synthesis of Pyrazolo[1,4]oxazepines via Intramolecular 7-endo-dig Cyclization. **2020**, 2020, 3560-3567 4
- 383 Gold(I)/Gold(III) Catalysis that Merges Oxidative Addition and  $\pi$ -Alkene Activation. **2020**, 132, 16768 0
- 382 Gold(I)/Gold(III) Catalysis that Merges Oxidative Addition and  $\pi$ -Alkene Activation. **2020**, 59, 16625-16630 39
- 381 Au(I)-Catalyzed Cyclization of Epoxyalkynes to Allylic Alcohol Containing Spiroketal and Application to the Total Synthesis of (-)-Alotaketala. **2020**, 22, 4073-4077 5
- 380 Agglomerates of Au-Pt bimetallic nanoparticles: synthesis and antibacterial activity. **2020**, 53, 93-100 6
- 379 Gold(I) or Gold(III) as Real Intermediate Species in Gold-Catalyzed Cycloaddition Reactions of Enynal/Enynone?. **2020**, 10, 6682-6690 13
- 378 N-Heterocyclic silylene/germylene ligands in Au(I) catalysis. **2020**, 56, 7625-7628 18
- 377 Permethylated NHC-Capped  $\beta$ - and  $\gamma$ -Cyclodextrins (ICyD) Regioselective and Enantioselective Gold-Catalysis in Pure Water. **2020**, 26, 15901-15909 19
- 376 Mechanistic study of Selectfluor-mediated digold-catalyzed Csp<sup>3</sup>-Csp<sup>2</sup> coupling reaction. **2020**, 754, 137668 0
- 375 The Effect of Base and Nucleophile on the Nucleophilic Substitution of Methoxytropone Derivatives: An Easy Access to 4- and 5-Substituted Multifunctional Azulenes. **2020**, 85, 9029-9041 1
- 374 Gold-Catalyzed Diastereoselective Formal Intermolecular [4 + 2 + 1] Cycloaddition of 1,3-Dien-8-yne with Diazo Ester. **2020**, 85, 7694-7703 8
- 373 Straight access to highly fluorescent angular indolocarbazoles via merging Au- and Mo-catalysis. **2020**, 7, 1869-1877 6
- 372 Synthesis of Densely Substituted Sulfonylfurans and Dihydrofurans via Cascade Reactions of  $\pi$ -Functionalized Nitroalkenes with  $\alpha$ -Ketones. **2020**, 85, 8825-8843 8
- 371 Heterogeneous gold(I)-catalyzed three-component reaction of aldehydes, alkynes, and orthoformates toward propargyl ethers. **2020**, 50, 1936-1945 7
- 370 Gold Complexes with ADAP Ligands: Effect of Bulkiness in Catalytic Carbene Transfer Reactions (ADAP = Alkoxydiaminophosphine). **2020**, 39, 2553-2559 4
- 369 Cyclopropenylmethyl Cation: A Concealed Intermediate in Gold(I)-Catalyzed Reactions. **2020**, 59, 17739-17749 7
- 368 Gold-catalyzed methodologies in carbohydrate syntheses. **2020**, 139-159 1
- 367 Synthetic Applications of Cyclopropene and Cyclopropenone: Recent Progress and Developments. **2020**, 9, 1088-1132 12

366	[3,3]-Acyloxy Rearrangement-Triggered Regioselective Hydration of $\beta$ -Acetoxy- $\beta$ -Alkynoates/Halo Alkynes. <b>2020</b> , 85, 4881-4895	2
365	Catalytic Activity of $\beta$ -Bis(pyridine)gold Complexes. <b>2020</b> , 142, 6439-6446	18
364	Recent Progress in N-Heterocyclic Carbene Gold-Catalyzed Reactions of Alkynes Involving Oxidation/Amination/Cycloaddition. <b>2020</b> , 10, 350	23
363	Gold and Brønsted Acid Catalyzed Spirocyclization of 2- and 3-Indolyl-Tethered 1,4-Enyne Acetates to Spiro[4, $n$ ]alkylindoles. <b>2020</b> , 22, 2849-2853	7
362	Gold(I)-Catalyzed Highly Diastereo- and Enantioselective Cyclization-[4+3] Annulation Cascades between 2-(1-Alkynyl)-2-alken-1-ones and Anthranils. <b>2020</b> , 59, 10396-10400	27
361	Gold(I)-Catalyzed Highly Diastereo- and Enantioselective Cyclization-[4+3] Annulation Cascades between 2-(1-Alkynyl)-2-alken-1-ones and Anthranils. <b>2020</b> , 132, 10482-10486	9
360	Cyclic (Alkyl)- and (Aryl)-(amino)carbene Coinage Metal Complexes and Their Applications. <i>Chemical Reviews</i> , <b>2020</b> , 120, 4141-4168	68.1 96
359	Gold-Catalyzed Oxidative Cascade Cyclization of 1,3-Diynamides: Polycyclic N-Heterocycle Synthesis via Construction of a Furopyridinyl Core. <b>2020</b> , 22, 3279-3285	11
358	Influence of Carbene and Phosphine Ligands on the Catalytic Activity of Gold Complexes in the Hydroamination and Hydrohydrazination of Alkynes. <b>2020</b> , 10, 5190-5201	21
357	Copper (triazole-5-yl)methanamine complexes onto MCM-41: the synthesis of pyridine-containing pseudopeptides through the 6--dig cyclization of 1,5-enynes.. <b>2020</b> , 10, 10577-10583	5
356	Gold(I) Complexes with Eight-Membered NHC Ligands: Synthesis, Structures and Catalytic Activity. <b>2020</b> , 362, 2523-2533	20
355	Mercury-Free Synthesis of Pincer [C <sup>N</sup> C]Au Complexes by an Oxidative Addition/CH Activation Cascade. <b>2020</b> , 13, 1986-1990	17
354	The Dark Side of Photocatalysis: One Thousand Ways to Close the Cycle. <b>2020</b> , 2020, 2783-2806	13
353	Synthesis of Pyrrolopyrazinones by Construction of the Pyrrole Ring onto an Intact Diketopiperazine. <b>2020</b> , 85, 9264-9271	6
352	Nucleophile-assisted cyclization of $\beta$ -propargylamino acrylic compounds catalyzed by gold(I): a rapid construction of multisubstituted tetrahydropyridines and their fused derivatives. <b>2020</b> , 7, 3356-3367	1
351	Gold Catalyzed Decarboxylative Cross-Coupling of Iodoarenes. <b>2020</b> , 142, 13210-13218	10
350	A Bifunctional Ligand Enables Gold-Catalyzed Hydroarylation of Terminal Alkynes under Soft Reaction Conditions. <b>2020</b> , 22, 6045-6049	10
349	Synthesis, Structure, Reactivity and Catalytic Implications of a Cationic, Acetylide-Bridged Trigold-JohnPhos Species. <b>2020</b> , 26, 8810-8818	1

348	Divergent Construction of Fully Substituted Pyrroles and Cyclopentadiene Derivatives by Ynamide Annulations: 1,2-Cyclopropyl Migration versus Proton Transfer. <b>2020</b> , 22, 5466-5472	8
347	Cyclopropenylmethylkation [Ein verborgenes Intermediat in Gold(I)-katalysierten Reaktionen. <b>2020</b> , 132, 17892-17902	1
346	Covalently Bound Gold Nanoparticle-Assisted Epitaxial Growth of Silicon Nanowires. <b>2020</b> , 20, 5551-5556	1
345	Gold(i)-catalyzed tandem cyclization of cyclopropylidene-tethered propargylic alcohols: an approach to functionalized naphtho[2,3-c]pyrans. <b>2020</b> , 56, 9154-9157	4
344	A novel gold(I)-mediated intramolecular transamidation of benzoyl thiourea derivatives to form benzamides via dethiocyanation. <b>2020</b> , 922, 121359	1
343	Transformation of Thiolatogold(I) to an Au Complex with an (Arylthio)silyl Ligand. Use of an (Aminosilyl)boronic Ester as a Silylene Precursor. <b>2020</b> , 39, 2565-2569	2
342	endo-Selective Iron Catalysts for Intramolecular Alkyne Hydrofunctionalization. <b>2020</b> , 39, 2570-2574	8
341	Gold Redox Catalysis with a Selenium Cation as a Mild Oxidant. <b>2020</b> , 26, 5946-5950	7
340	Total Synthesis of (-)-Citreisocoumarin, (-)-Citreisocoumarinol, (-)-12--Citreisocoumarinol, and (-)-Mucorisocoumarins A and B Using a Gold(I)-Catalyzed Cyclization Strategy. <b>2020</b> , 85, 4122-4129	8
339	Hydride Transfer to Gold: Yes or No? Exploring the Unexpected Versatility of Au-H-M Bonding in Heterobimetallic Dihydrides. <b>2020</b> , 26, 8267-8280	4
338	Pyridine- and Quinoline-Based Gold(III) Complexes: Synthesis, Characterization, and Application. <b>2020</b> , 2020, 2867-2877	12
337	Cobalt-Catalyzed Oxidative C-H Activation: Strategies and Concepts. <b>2020</b> , 13, 3306-3356	38
336	Simple Synthetic Routes to N-Heterocyclic Carbene Gold(I)-Aryl Complexes: Expanded Scope and Reactivity. <b>2020</b> , 26, 5541-5551	25
335	Gold-catalyzed cycloisomerization of enynamides: Regio- and stereoselective approach to tetracyclic spiroindolines. <b>2020</b> , 76, 131056	5
334	Synthesis of 17-Deacetoxy Chromodorolide B Based on a Gold-Catalyzed Alkoxy cyclization Reaction. <b>2020</b> , 22, 1655-1658	3
333	Carbon-Phosphorus Coupling from C <sup>N</sup> Cyclometalated Au Complexes. <b>2020</b> , 26, 4226-4231	15
332	Mild and Efficient Synthesis of Diverse Organo-Au -L Complexes in Green Solvents. <b>2020</b> , 13, 2032-2037	6
331	. <b>2020</b> ,	26



330	A Gold-Catalyzed Acid-Assisted Regioselective Cyclization for the Synthesis of Polysubstituted Oxazoles. <b>2020</b> , 2020, 2384-2388	10
329	Drastic fluorine effect: complete reversal of the selectivity in the Au-catalyzed hydroalkoxylation reaction of fluorinated haloalkynes. <b>2020</b> , 56, 5969-5972	2
328	Gold(I)-Catalyzed Highly Enantioselective [4 + 2]-Annulations of Cyclopentadienes with Nitrosoarenes via Nitroso-Povarov versus Oxidative Nitroso-Povarov Reactions. <b>2020</b> , 10, 5840-5845	19
327	Synthesis of amphiphilic Janus gold nanoparticles stabilized with triphenylphosphine and D-penicillamine by ligand exchange at toluene/water emulsion interface. <b>2020</b> , 53, 55-62	2
326	Transformation of monoterpenes and monoterpenoids using gold-based heterogeneous catalysts. <b>2020</b> , 37, 1-27	5
325	Thiophene-fused polyaromatics: synthesis, columnar liquid crystal, fluorescence and electrochemical properties. <b>2020</b> , 11, 4695-4701	10
324	The Dichotomy of Gold-catalyzed Interplay between Cyanamides and Ynamides: Controllable Switch from [2+2+2] to [4+2] Cycloaddition. <b>2020</b> , 362, 2672-2682	13
323	Preparation and self-aggregation properties of a series of pyrene-imidazolylidene complexes of gold (I). <b>2020</b> , 917, 121284	2
322	Bifunctional Phosphine Ligand-Enabled Gold(I)-Catalyzed O-Nucleophilic Addition of -Hydroxybenzo[1,2,3]-triazin-4(3)-ones to Alkynes Followed by [3,3]-Rearrangement: Simultaneous Formation of C-O and C-N Bonds. <b>2020</b> , 85, 6519-6527	2
321	Silver(I) catalyzed intermolecular alkene carbo-alkoxylation through cleavage of allylic ether C-O bond. <b>2020</b> , 61, 151895	0
320	Aminoxygenation of Ynamides with Hydroxybenzotriazoles: Synthesis of $\beta$ -Benzotriazolyl Carbonyl Compounds. <b>2020</b> , 85, 6935-6950	7
319	Synthesis of $\beta$ -CF-substituted E-dehydroornithine derivatives via copper(i)-catalyzed hydroamination of allenes. <b>2020</b> , 18, 3274-3280	7
318	Quinoline-Based Polyazaheterocycles by a Hydrogen Peroxide-Mediated Isocyanide Insertion. <b>2021</b> , 41, 676-684	3
317	Gold Catalysis Meets Materials Science $\Delta$ A New Approach to $\Xi$ Extended Indolocarbazoles. <b>2021</b> , 363, 549-557	10
316	Synthesis of substituted anilines via a gold-catalyzed three-component reaction. <b>2021</b> , 19, 765-769	4
315	Gold-Catalyzed Bicyclic and [3+2]-Annulations of Internal Propargyl Alcohols with Nitrones and Imines To Yield to Two Distinct Heterocycles. <b>2021</b> , 363, 525-531	4
314	Asymmetric Allylation by Chiral Organocatalyst-Promoted Formal Hetero-Ene Reactions of Alkylgold Intermediates. <b>2021</b> , 133, 2020-2027	1
313	Asymmetric Allylation by Chiral Organocatalyst-Promoted Formal Hetero-Ene Reactions of Alkylgold Intermediates. <b>2021</b> , 60, 1992-1999	10

312	Development of gold catalysts supported by unreducible materials: Design and promotions. <b>2021</b> , 42, 670-693	6
311	$\pi$ -Chelated Gold(III) Complexes: Structure and Reactivity. <b>2021</b> , 60, 2847-2855	6
310	Gold(I) complexes bearing ring-fused benzoxazine-derived triazolylidenes and their use in C-N bond-forming processes. <b>2021</b> , 35, e6098	0
309	Gold-Catalyzed Annulation of 1,8-Dialkynylphthalenes: Synthesis and Photoelectric Properties of Indenophenylene-Based Derivatives. <b>2021</b> , 27, 3552-3559	2
308	Oxidation of glucose and arabinose mixtures over Au/Al <sub>2</sub> O <sub>3</sub> . <b>2021</b> , 132, 59-72	3
307	Axially chiral bis-1,2,3-Triazol-4-ylidene-Ag(I)-MIC and, bis-Au(I)-MIC complexes of (R)-BINOL and (-)-Menthol scaffold: Synthesis, structure, and characterizations. <b>2021</b> , 932, 121626	1
306	Nickel Catalyzed Vinylidene Insertions into O-H Bonds. <b>2021</b> , 11, 193-198	3
305	Iridium-promoted deoxyglycoside synthesis: stereoselectivity and mechanistic insight. <b>2020</b> , 12, 2209-2216	4
304	Gold nanoparticles on cyanuric citric acid functionalized magnetic SBA-16 as an effective catalyst for dye reduction. <b>2021</b> , 126, 114392	3
303	Silica-Supported Phosphine-Gold Complexes as an Efficient Catalytic System for a Dearomative Spirocyclization. <b>2021</b> , 27, 427-433	1
302	The Ketone-Amine-Alkyne (KA <sub>2</sub> ) coupling reaction: Transition metal-catalyzed synthesis of quaternary propargylamines. <b>2021</b> , 429, 213603	9
301	Recyclable heterogeneous gold(I)-catalyzed oxidative ring expansion of alkynyl quinols: a practical access to tropone and its analogues. <b>2021</b> , 50, 6488-6499	2
300	Studies on gold(I) and gold(III) alcohol functionalised NHC complexes. <b>2021</b> , 50, 5128-5138	5
299	Optimization of Catalysts and Conditions in Gold(I) Catalysis-Counterion and Additive Effects. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8452-8477	68.1 40
298	A non-ionic surfactant based catalyst tablet: a reusable gold-NHC catalyst system for alkyne hydration reactions. <b>2021</b> , 11, 3880-3884	0
297	Confinement of Au <sup>3+</sup> -rich clusters by using Silicalite-1 for selective solvent-free oxidation of toluene. <b>2021</b> , 9, 14710-14721	3
296	A silver-catalyzed domino inverse electron-demand oxo-Diels-Alder reaction of 3-cyclopropylideneprop-2-en-1-ones with 2,3-dioxopyrrolidines via cyclobutane-fused furan. <b>2021</b> , 57, 3599-3602	4
295	Gold(I) ethylene complexes supported by electron-rich scorpionates. <b>2021</b> , 57, 978-981	8

294	Light in Gold Catalysis. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8868-8925	68.1	58
293	N-Heterocyclic silylenes in coinage metal chemistry: an account of recent advances. <b>2021</b> , 50, 10674-10688		8
292	The interplay of carbophilic activation and Au(I)/Au(III) catalysis: an emerging technique for 1,2-difunctionalization of C-C multiple bonds. <b>2021</b> , 50, 10422-10450		22
291	Photocatalytic functionalizations of alkynes. <b>2021</b> , 57, 11285-11300		3
290	Recent Advances in the Development of Chiral Gold Complexes for Catalytic Asymmetric Catalysis. <b>2021</b> , 16, 364-377		18
289	One-Step Synthesis of Norabietane Core and its Alkylation to Abietane Analogs. <b>2021</b> , 42, 517-520		0
288	Au-promoted Pd-catalyzed arylation cyclization of N,N-dimethyl-o-alkynylaniline with aryl iodides: Access to 2,3-diaryl indoles and mechanistic insight. <b>2021</b> , 65, 152766		2
287	Main Avenues in Gold Coordination Chemistry. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8311-8363	68.1	27
286	Divergent Gold Catalysis: Unlocking Molecular Diversity through Catalyst Control. <i>Chemical Reviews</i> , <b>2021</b> , 121, 8478-8558	68.1	47
285	Gold-catalyzed formation of substituted aminobenzophenone derivatives via intramolecular 6-endo-dig cyclization. <b>2021</b> , 133, 1		
284	Biobased C6-Furans in Organic Synthesis and Industry: Cycloaddition Chemistry as a Key Approach to Aromatic Building Blocks. <b>2021</b> , 9, 3011-3042		18
283	Ligand effects in the stabilization of gold nanoparticles anchored on the surface of graphene: Implications in catalysis. <b>2021</b> , 394, 113-120		5
282	Gold-Catalyzed Synthesis of Extended Carbazole-Based Systems and their Application as Organic Semiconductors. <b>2021</b> , 363, 1401-1407		7
281	Synthesis and Catalytic Applications of Multinuclear Gold(I)-1,2,3-Triazolylidene Complexes. <b>2021</b> , 2021, 840-847		1
280	Catalytic activity of gold nanoparticles deposited on N-doped carbon-based supports in oxidation of glucose and arabinose mixtures. <b>2021</b> , 47, 2573		1
279	Au-Ag Bimetallic Catalysis: 3-Alkynyl Benzofurans from Phenols via Tandem C-H Alkynylation/Oxy-Alkynylation. <b>2021</b> , 60, 10637-10642		18
278	Au-Ag-Bimetallkatalyse: 3-Alkynylbenzofurane aus Phenolen durch Tandem-C-H-Alkinylierung/Oxyalkinylierung. <b>2021</b> , 133, 10731-10737		3
277	Theoretical Insights into [NHC]Au(I) Catalyzed Hydroalkoxylation of Allenes: A Unified Reaction Valley Approach Study. <b>2021</b> , 86, 5714-5726		4

- 276 Heterogeneous gold(I)-catalyzed hydroamination of allenamides with arylamines toward allylamino E-enamides. 1-12
- 275 [Development of Gold-catalyzed Reaction Utilizing Electron Acceptability of Z-type Ligand]. **2021**, 141, 305-314
- 274 Synthesis, Characterization, and Comparative Theoretical Investigation of Dinitrogen-Bridged Group 6-Gold Heterobimetallic Complexes. **2021**, 60, 5545-5562 1
- 273 Gold-catalyzed ketene dual functionalization and mechanistic insights: divergent synthesis of indenes and benzo[d]oxepines. **2021**, 64, 778-787 10
- 272 Recyclable heterogeneous gold(I)-catalyzed oxidation of internal acylalkynes: Practical access to vicinal tricarbonyls. **2021**, 68, 152953 3
- 271 C(sp<sup>2</sup>)X (X = Cl, Br, and I) Reductive Eliminations from Well-Defined Gold(III) Complexes: Concerted or Dissociation Pathways?. **2021**, 40, 2231-2239 3
- 270 Synthesis of  $\beta$ -carboline N-oxide under gold(I)-catalysis and C-1 amino and fluoro  $\beta$ -carboline. **2021**, 132154 0
- 269 Theoretical Study of Pt-Catalysis. **2021**, 257-287
- 268 Fluorinated-NHC Transition Metal Complexes: Leading Characters as Potential Anticancer Metallo-drugs. **2021**, 21, 938-948 6
- 267 Theoretical Study of Au-Catalysis. **2021**, 597-627
- 266 Alcohol Dehydrogenases and N-Heterocyclic Carbene Gold(I) Catalysts: Design of a Chemoenzymatic Cascade towards Optically Active  $\beta$ -Disubstituted Allylic Alcohols. **2021**, 60, 13945-13951 10
- 265 Alcohol Dehydrogenases and N-Heterocyclic Carbene Gold(I) Catalysts: Design of a Chemoenzymatic Cascade towards Optically Active  $\beta$ -Disubstituted Allylic Alcohols. **2021**, 133, 14064-14070 4
- 264 From Propargylic Alcohols to Substituted Thiochromenes:  $\beta$ -Disubstituent Effect in Intramolecular Alkyne Iodo/hydroarylation. **2021**, 86, 7078-7091 5
- 263 Unconventional Gold-Catalyzed One-Pot/Multicomponent Synthesis of Propargylamines Starting from Benzyl Alcohols. **2021**, 11, 513 2
- 262 Au/Ni/Ni(OH)<sub>2</sub>/C Nanocatalyst with High Catalytic Activity and Selectivity for m-dinitrobenzene Hydrogenation. 1 0
- 261 Group 11 Borataalkene Complexes: Models for Alkene Activation. **2021**, 133, 12120-12126 6
- 260 Gold-Catalyzed Access to Isophosphinoline 2-Oxides. **2021**, 86, 7813-7824 0
- 259 Fluorescent Indolo[3,2-a]phenazines against *Toxoplasma gondii*: Concise Synthesis by Gold-Catalyzed Cycloisomerization with 1,2-Silyl Migration and ipso-Iodination Suzuki Sequence. **2021**, 27, 9774-9781 2

258	Enantioselective Totalsynthese und Strukturrevision von Dysiherbol A. <b>2021</b> , 133, 15042-15047	
257	Anion???Anion Coinage Bonds: The Case of Tetrachloridoaurate. <b>2021</b> , 60, 14385-14389	21
256	Gold(I) and Silver(I) $\pi$ -Complexes with Unsaturated Hydrocarbons. <b>2021</b> , 40, 1492-1502	4
255	Hetero-Tetradehydro-Diels-Alder Cycloaddition of Enynamides and Cyanamides: Gold-Catalyzed Generation of Diversely Substituted 2,6-Diaminopyridines. <b>2021</b> , 86, 7218-7228	6
254	Gold(I)-Catalyzed Cyclization-3-Aza-Cope-Mannich Cascade and Its Application to the Synthesis of Cephalotaxine. <b>2021</b> , 23, 4391-4395	8
253	Group 11 Borataalkene Complexes: Models for Alkene Activation. <b>2021</b> , 60, 12013-12019	8
252	Energetics and Structures of Adducts of JohnPhos(Au <sup>+</sup> ), PPh <sub>3</sub> (Au <sup>+</sup> ), and IPr(Au <sup>+</sup> ) with Organic Substrates: A Mass Spectrometry and DFT Study. <b>2021</b> , 40, 1642-1653	
251	Anion???Anion Coinage Bonds: The Case of Tetrachloridoaurate. <b>2021</b> , 133, 14506-14510	2
250	Cycloisomerization of $\pi$ -Coupled Heteroatom Nucleophiles by Gold Catalysis: En Route to Regiochemically Defined Heterocycles. <b>2021</b> , 21, 1697-1737	1
249	Gold(I)-Catalyzed Reactivity of Furan-ynes with $\alpha$ -Oxides: Synthesis of Substituted Dihydropyridinones and Pyranones. <b>2021</b> , 86, 8295-8307	2
248	Gold-Catalysed Nitroalkyne Cycloisomerization - Synthetic Utility. <b>2021</b> ,	2
247	Catalytic Gold Chemistry: From Simple Salts to Complexes for Regioselective C-H Bond Functionalization. <b>2021</b> , 27, 10495-10532	3
246	Transition Metal-Catalyzed Synthesis of 1,2-Diketones: An Overview. <b>2021</b> , 10, 1619-1637	2
245	On the mechanism of homogeneous Pt-catalysis: A theoretical view. <b>2021</b> , 437, 213863	9
244	Dinuclear gold-catalyzed C-H bond functionalization of cyclopropenes. 1	1
243	Fundamental Basis for Implementing Oxidant-Free Au(I)/Au(III) Catalysis. <b>2021</b> , 2021, 2556-2569	13
242	Gold-catalyzed C-H functionalization reactions involving carbene intermediate: Recent advances. <b>2021</b> , 90, 132167	5
241	Enantioselective Total Synthesis and Structural Revision of Dysiherbol A. <b>2021</b> , 60, 14915-14920	9

- 240 Strategic Use of Difference of Valence of Gold Catalysts: Development of Cyclization Reactions Oriented toward Synthetic Diversity Using Propargylic Alcohols. **2021**, 79, 652-663
- 239 Gold-Catalyzed Tandem Oxidative Coupling Reaction between  $\beta$ -Ketoallenes and Electron-Rich Arenes to 2-Furylmethylarenes. **2021**, 23, 5891-5895 1
- 238 Mechanistic Investigation into the Gold-Catalyzed Decarboxylative Cross-Coupling of Iodoarenes. **2021**, 11, 9578-9587 5
- 237 Gold-Catalyzed One-Pot Synthesis of Polyfluoroalkylated Oxazoles from N-Propargylamides Under Visible-Light Irradiation. **2021**, 16, 2417-2420 6
- 236 Water Can Accelerate Homogeneous Gold Catalysis. **2021**, 363, 4264-4271 1
- 235 Syn-Insertion of Alkynes into Gold-Phosphito Bonds: Stereoselectivity and Reversible Protodeauration. **2021**, 40, 2546-2556
- 234 Surface Plasmon Resonance of Gold Nano-Sea-Urchins Controlled by Machine-Learning-Based Regulation in Seed-Mediated Growth. **2021**, 2, 2100052 3
- 233 Experimental and theoretical investigation of the cycloisomerization of N-propargylcarboxamide catalyzed by NHC-Au-X in green solvents. **2021**, 522, 120372 1
- 232 Diastereoselective tricyclization/dimerization of yne-indoles catalyzed by a Au(III) complex featuring an L2/Z-type ligand. **2021**, 78, 153267 1
- 231 Gold-Catalyzed Carbocyclization/C=N Bond Formation Cascade of Alkyne-Tethered Diazo Compounds with Benzo[c]isoxazoles for the Assembly of 4-Iminonaphthalenones and Indenes. **2021**, 363, 4018-4023 3
- 230 Gold-Catalyzed Complementary Nitroalkyne Internal Redox Process: A DFT Study. **2021**, 9, 689780 0
- 229 Gold(III)-catalyzed synthesis of 2,5-disubstituted furans from substituted 5-methoxyhex-3-yn-2-ols. Mechanistic outlook. 1-9 0
- 228 Gold(I)-Catalyzed Intermolecular Formal [4+2] Cycloaddition of O-Aryl Ynol Ethers and Enol Ethers: Synthesis of Chromene Derivatives. **2021**, 27, 13079-13084 3
- 227 Gold-Catalyzed Transformation of Ynamides. **2021**, 5 5
- 226 Au $\pi$ -H-C Hydrogen Bonds as Design Principle in Gold(I) Catalysis. **2021**, 60, 21014-21024 17
- 225 Development of a [2 + 2]-Nitroso/Alkene Cycloaddition Using Sodium Tetrakis[3,5-bis(trifluoromethyl)phenyl]borate Catalyst: Controlled Chemoselectivity of Two Equilibrating Isomeric Intermediates. **2021**, 23, 6246-6251 2
- 224 Enantioselective Oxidative Multi-Functionalization of Terminal Alkynes with Nitrones and Alcohols for Expeditious Assembly of Chiral  $\beta$ -Alkoxy- $\alpha$ -Amino-ketones. **2021**, 143, 14703-14711 12
- 223 Au $\pi$ -H $\pi$  Hydrogen Bonds as Design Principle in Gold(I) Catalysis. **2021**, 133, 21182-21192 4

- 222 Catalytically Active Gold Nanomaterials Stabilized by N-heterocyclic Carbenes. **2021**, 16, 3026-3037 4
- 221 Enantioselective Rh(II)-Catalyzed Desymmetric Cycloisomerization of Diynes: Constructing Furan-Fused Dihydropiperidines with an Alkyne-Substituted Aza-Quaternary Stereocenter. **2021**, 143, 14916-14925 11
- 220 New-Generation Ligand Design for the Gold-Catalyzed Asymmetric Activation of Alkynes. **2021**, 86, 1283-1296 9
- 219 Gold-Catalyzed Synthesis of Pyrazolo[1,5-a]pyridines Regioselectively via 6-endo-dig Cyclization. **2021**, 6, 8791-8796
- 218 Alumina-Mediated  $\pi$ Activation of Alkynes. **2021**, 143, 15420-15426 2
- 217 One-Pot Chemoenzymatic Conversion of Alkynes to Chiral Amines. 12565-12569 12
- 216 A Zwitterionic Heterobimetallic Gold-Iron Complex Supported by Bis(N-Heterocyclic Imine)Silyliumylidene. **2021**, 133, 23462 0
- 215 Computational Study of Benzosultam Formation through Gold(I)-Catalyzed Ammoniumation/Nucleophilic Substitution Reaction. **2021**, 104, e2100133
- 214 Dinuclear Au(I), Au(II) and Au(III) Complexes with (CF<sub>3</sub>) Chains: Insights into The Role of Auophilic Interactions in the Au(I) Oxidation. **2021**, 27, 15815-15822 1
- 213 A Zwitterionic Heterobimetallic Gold-Iron Complex Supported by Bis(N-Heterocyclic Imine)Silyliumylidene. **2021**, 60, 23274-23280 5
- 212 Application of the catalytic activity of gold nanoparticles for development of optical aptasensors. **2021**, 629, 114307 3
- 211 Gold-Catalyzed Nitrene Transfer from Benzofuroxans to -Allylnamides: Synthesis of 3-Azabicyclo[3.1.0]hexanes. **2021**, 86, 12964-12972 3
- 210 "Golden" Cascade Cyclization to Benzo[c]-Phenanthridines. **2021**, 27, 14778-14784 2
- 209 Access to Unsymmetrically Substituted Diaryl Gold N-Acyclic Carbene (NAC) and N-Heterocyclic Carbene (NHC) Complexes via the Isonitrile Route. 1
- 208 Versatile Transformations of Biphenylenes by Transition-Metal Catalysts and Application for the Synthesis of Polycyclic Hydrocarbons. **2021**, 79, 849-858
- 207 Comprehensive strategies of machine-learning-based quantitative structure-activity relationship models. **2021**, 24, 103052 10
- 206 Recyclable Gold Catalyst for the Stereoselective Thioallylation of Alkynes. **2021**, 86, 13598-13609 0
- 205 Syntheses of Triangular Gold Complexes and Their Applications in Hydroamination Reaction. 0

204	Advances in mercury(II)-salt-mediated cyclization reactions of unsaturated bonds. <b>2021</b> , 17, 2348-2376	0
203	Azido-Alkynes in Gold(I)-Catalyzed Indole Syntheses. <b>2021</b> ,	3
202	Recent Advances in the Development of Blue and Deep-Blue Emitting Gold(I) and Gold(III) Molecular Systems.	1
201	Metal nanoparticles in ionic liquids: Synthesis and catalytic applications. <b>2021</b> , 445, 213982	16
200	Density functional studies on the conversion of hydrogen cyanide to vinyl isocyanide using carbon-supported platinum catalysts. <b>2021</b> , 1205, 113442	0
199	Unconventional enclathration of guest adipic acid and energetically significant antiparallel stacked ternary assemblies involving unusual region-(chelate) contacts in phenanthroline-based Ni(II) and Cu(II) compounds Antiproliferative evaluation and theoretical studies. <b>2021</b> , 1245, 131038	6
198	Solid catalysts for environmentally benign synthesis. <b>2022</b> , 23-80	
197	A PEGylated N-heterocyclic carbene-gold(I) complex: an efficient catalyst for cyclization reaction in water. <b>2021</b> , 8, 1216-1222	2
196	Synthesis of N-heterocyclic carbene gold(I) complexes. <b>2021</b> , 16, 1476-1493	22
195	Alkynoates as Versatile and Powerful Chemical Tools for the Rapid Assembly of Diverse Heterocycles under Transition-Metal Catalysis: Recent Developments and Challenges. <b>2021</b> , 379, 3	2
194	Palladium-Catalyzed Hydroarylation of Homopropargyl Iodoindoles with Concurrent Alkyl and Iodonium Migrations. <b>2021</b> , 363, 1449-1456	0
193	Acid-catalyzed [2 + 2 + 2] cycloaddition of two cyanamides and one ynamide: highly regioselective synthesis of 2,4,6-triaminopyrimidines. <b>2021</b> , 19, 4577-4584	4
192	Gold Carbenes. 526-551	11
191	Organogold Catalysis: Homogeneous Gold-Catalyzed Transformations for a Golden Jubilee. 207-225	2
190	C H functionalization of alkanes, bactericidal and antiproliferative studies of a gold(III)-phenanthroline complex. <b>2020</b> , 1222, 128919	5
189	Oxygen Atom Transfer as Key To Reverse Regioselectivity in the Gold(I)-Catalyzed Generation of Amino oxazoles from Ynamides. <b>2021</b> , 86, 1748-1757	7
188	CHAPTER 26:Role of Ion Pairing in the Mechanisms of Au(i)-catalysed Reactions: Theory and Experiment. <b>2019</b> , 564-578	1
187	CHAPTER 2:Asymmetric Domino Reactions Based on the Use of Chiral Metal Catalysts. 150-150	1



186	CHAPTER 6:Gold Catalysis for Hydrogenation Reactions. 146-200	2
185	Photosensitizer-free visible light-mediated gold-catalysed -difunctionalization of silyl-substituted alkynes. <b>2017</b> , 8, 7537-7544	47
184	A gold-triggered dearomative spirocarbocyclization/Diels-Alder reaction cascade towards diverse bridged N-heterocycles. <b>2019</b> , 17, 9529-9536	12
183	Gold-catalyzed domino reactions of alkynol and p-quinone methides: divergent synthesis of fused- and spiro-ketals. <b>2020</b> , 7, 856-861	11
182	A new polymorph of N-(prop-2-yn-yl)tricyclo-[3.3.1.1]decane-1-carbox-amide. <b>2008</b> , 64, o1495	2
181	Transition metal catalyzed site-selective cysteine diversification of proteins. <b>2021</b> , 93, 169-186	6
180	Organo or Metal Complex Catalyzed Synthesis of Five-membered Oxygen Heterocycles. <b>2020</b> , 23, 2822-2847	13
179	Recent Advances in the Sustainable Synthesis of Quinazolines Using Earth-Abundant First Row Transition Metals. <b>2020</b> , 24, 1775-1792	4
178	Synthesis of Cyclohexene Derivatives from 1,5-Enynes via Gold-Catalysis and Iodocyclization: A Comparative Study and Applications in the Synthesis of 7/5- or 8/5-Fused Rings and Biaryls. <b>2010</b> , 31, 670-677	10
177	Gold-Catalyzed Homocoupling Reaction of Terminal Alkynes to 1,3-Diynes. <b>2012</b> , 33, 1325-1328	21
176	Synthesis of 3,4,5-Trisubstituted Isoxazoles through Gold-Catalyzed Cascade Cyclization-Oxidative Alkynylation and Cyclization-Fluorination of 2-Alkynone O-Methyloximes. <b>2014</b> , 35, 2635-2644	8
175	Generation and Cycloaddition Reactions of Transition Metal-Containing Ylides. <b>2012</b> , 70, 366-381	1
174	Development of $\pi$ -Acidic Metal-Catalyzed Reactions toward Construction of Multi-Substituted Heterocycles. <b>2012</b> , 70, 581-592	4
173	Recent Progress of Chemical Glycosylations and Oligosaccharide Synthesis. <b>2014</b> , 72, 797-807	8
172	Synthesis of MAuAg (M = Ni, Pd, or Pt) and NiAuCu Heterotrimetallic Complexes Ligated by a Tritopic Carbanionic -Heterocyclic Carbene. <b>2021</b> , 60, 16035-16041	2
171	Montmorillonite clay-based heterogenous catalyst for the synthesis of nitrogen heterocycle organic moieties: a review. <b>2021</b> , 1	3
170	Toolbox for Distal C-H Bond Functionalizations in Organic Molecules. <i>Chemical Reviews</i> , <b>2021</b> ,	68.1 44
169	Mechanism of Gold-Catalyzed Cycloisomerization of Enynyl Esters. <b>2010</b> , 293-303	

- 168 **Green** Asymmetric Synthesis: The Catalysts. **2011**, 29-66
- 167 Selective Oxidation of Benzyl Alcohol Catalyzed by Pd/PMO-SBA-15 Catalyst. **2011**, 31, 1369-1373
- 166 Selective Oxidation/Dehydrogenation Reactions. **2013**, 11-31
- 165 Introduction. **2013**, 1-35
- 164 Acortatarin A: Spiroketalization Methods and Synthesis. **2015**, 11, 1-28
- 163 Propargyl Vinyl Ethers as Powerful Starting Points for Heterocycle Synthesis. **2015**, 1-28
- 162 AU(III) AND CU(II) CATALYST FOR OXIDATION OF AROMATIC AND CYCLIC HYDROCARBON BY CERIUM (IV) IN ACIDIC MEDIUM UNDER MICROWAVE IRRADIATION. **2016**, 2, 199-205
- 161 Preparation of gold-containing binary metal clusters by co-deposition-precipitation method and for hydrogenation of chloronitrobenzene. **2017**, 4, 738-754 0
- 160 Synthesis of Gold Catalyst Featuring Z-Type Ligand and Its Catalytic Reaction. **2020**, 78, 619-626
- 159 Pentannulation of N-heterocycles by a tandem gold-catalyzed [3,3]-rearrangement/Nazarov reaction of propargyl ester derivatives: a computational study on the crucial role of the nitrogen atom. **2020**, 16, 3059-3068 1
- 158 KITPHOS, KitPhos.
- 157 A Radical Chain: Mononuclear **Gold Only** Photocatalysis. 4
- 156 Metal- B rñsted Acid Relay Catalysis. **2022**, 125-177
- 155 Boron-Based Frustrated Lewis Pairs in Organic Transformations. 1-47
- 154 Gold(I)-Catalyzed AlleneDieneAlkyne Coupling Reaction to Polycycles. **2020**, 2020, 6629-6634 0
- 153 Copper-, Silver-, and Gold-Catalyzed Migratory Cycloisomerizations Leading to Heterocyclic Five-Membered Rings. **2010**, 43, 37-46 58
- 152 One-pot synthesis of 3-substituted-3-hydroxyindolin-2-ones: three component coupling of N-protected isatin, aryne precursor and 1,3-cyclodione under metal-free conditions. 0
- 151 Cycloisomerizations across three states: the total synthesis of gelsenicine. **2022**, 15, 177-209

- 150 Gold self-relay catalysis for accessing functionalized cyclopentenones bearing an all-carbon quaternary stereocenter. 1
- 149 Metallaphotoredox: The Merger of Photoredox and Transition Metal Catalysis. *Chemical Reviews*, **2021**, 68.1 97
- 148 Modularer zweistufiger Zugang zu ðerweiterten Naphthyridin-Systemen [potente Bausteine fð die organische Elektronik. **2022**, 134, e202114277
- 147 Highly Efficient Cyclization Approach of Propargylated Peptides via Gold(I)-Mediated Sequential C-N, C-O, and C-C Bond Formation.. **2021**, 7, 2021-2028 0
- 146 Iron-Catalyzed Ring Opening of Cyclopropanols and Their 1,6-Conjugate Addition to -Quinone Methides. **2021**, 1
- 145 Controlling the Gold(I)-Catalyzed 1,5-Allenene Reaction: Construction of Fused Rings with Excellent Diastereoselectivity. **2021**, 0
- 144 Modular Two-Step Access to ðExtended Naphthyridine Systems-Potent Building Blocks for Organic Electronics. **2021**, 3
- 143 Unveiling the complexity of the dual gold(I) catalyzed intermolecular hydroamination of alkynes leading to vinylazoles. **2022**, 518, 112090 0
- 142 Microwave-assisted green synthesis of Cyanthillium cinereum mediated gold nanoparticles: Evaluation of its antibacterial, anticancer and catalytic degradation efficacy. 1 2
- 141 A mechanistic study on the gold(I)-catalyzed cyclization of propargylic amide: revealing the impact of expanded-ring N-heterocyclic carbenes. 1
- 140 Impact and implications of nanocatalyst in the Fenton-like processes for remediation of aquatic environment contaminated with micro-pollutants: A critical review. **2022**, 45, 102500 4
- 139 Organo-gold(III) complexes via mechanochemistry in a ball mill. **2022**, 55, 15
- 138 Particle Size and Shape Engineering for Advanced Materials. **2022**, 133-188
- 137 Mechanistic Study on Gold(I)-Catalyzed Unsaturated Spiroketalization Reaction. **2022**, 19, 0
- 136 Highly Efficient Single A3-Coupling (Aldehyde-Amine-Alkyne) Reaction Catalyzed by Air Stable Silver-(N-Heterocyclic Carbene) Complexes: Synthesis and Characterization. 1-16 1
- 135 Insights into the Gold-catalyzed Cycloisomerization of 3-Allyl-1,4-diyne for the Synthesis of Bicyclic Hydrocarbons.
- 134 Enantioselective C-H Functionalization Reactions under Gold Catalysis.. **2022**, 2
- 133 Binding interactions in copper, silver and gold ðcomplexes.. **2022**, 3

- 132 Improved Suzuki-Miyaura reaction conversion efficiency using magnetic nanoparticles and inductive heating. **2022**, 57, 241-253
- 131 AgO-mediated Tandem Reaction between Terminal Alkyne and -Iodobenzoic Acid: Construction of 3-Ethylideneisobenzofuran-1(3)-ones.. **2022**, 7, 3060-3063 0
- 130 Graphene-based hydrogel with embedded gold nanoparticles as a recyclable catalyst for the degradation of 4-nitrophenol. **2022**, 640, 128410 2
- 129 Gold(I)-Catalyzed Intramolecular Hydrothiophenylation of -Thiophen-3-yl Alkynylamides for Accessing Thieno[3,2-]pyridine-5(4)-ones: Development of F-Actin Specific Fluorescent Probes.. **2022**, 0
- 128 Gold-catalyzed enantioselective cyclizations and cycloadditions. **2022**, 0
- 127 Facile synthesis of the spiro-pyrindolone scaffold a gold-catalysed intramolecular alkynol cyclisation/hydroindolylolation.. **2022**, 0
- 126 Kinetics and mechanism of gold anode corrosion in a weakly basic aqueous solution of hexamethylenetetramine (urotropine). **2022**, 71, 52-58 0
- 125 Nonclassical carbenes as noninnocent ligands. **2022**, 0
- 124 Recent Achievements in Total Synthesis for Integral Structural Revisions of Marine Natural Products.. **2022**, 20, 1
- 123 Anion photoelectron spectroscopy and density functional theory studies of AuCn<sup>+</sup> (n=38): Odd-even alternation in electron binding energies and structures. **2022**, 35, 177-184 1
- 122 Enantioselectivity Tunable Gold-Catalyzed Intermolecular [3 + 2] Cycloaddition of N -Allenamides with Nitrones. 2
- 121 A Redox-Switchable Gold(I) Complex for the Hydroamination of Acetylenes: A Convenient Way for Studying Ligand-Derived Electronic Effects. 4465-4472 2
- 120 Dichotomy of platinum(II) and gold(III) carbene intermediates switching from N- to O-selectivity.. **2022**, 13, 1672 2
- 119 Gold(I)-Mediated Rapid Cyclization of Propargylated Peptides via Imine Formation.. **2022**, 0
- 118 Gold- and Brønsted Acid-Catalysed Deacyloxylation Cycloaromatisation of 1,6-Diyne Esters to 11 H -Benzo[ a ]fluorenes and 13 H -Indeno[1,2- l ]phenanthrenes. **2022**, 364, 1313-1318 0
- 117 Density Functional Theory Study of Gold-Catalyzed 1,2-Diarylation of Alkenes: Activation Migratory Insertion Mechanisms.. **2022**, 0
- 116 Revisiting the Bonding Model for Gold(I) Species: The Importance of Pauli Repulsion Revealed in a Gold(I)-Cyclobutadiene Complex. 0
- 115 Ruthenafuran Complexes Supported by the Bipyridine-Bis(diphenylphosphino)methane Ligand Set: Synthesis and Cytotoxicity Studies.. **2022**, 27, 0

- 114 Revisiting the Bonding Model for Gold(I) Species: The Importance of Pauli Repulsion Revealed in a Gold(I)-Cyclobutadiene Complex.. **2022**, 3
- 113 Azolium Aurates as Pre-Catalysts for the Oxidative Coupling of Terminal Alkynes under Mild Conditions.. **2022**, 0
- 112 The versatility of gold: from heterogeneous catalysis to biomedicine. **2022**, 120959 0
- 111 Au(I) Fluorido Phosphine Complexes: Tools for the Hydrofluorination of Alkynes. 0
- 110 One-step synthesis of gold nanoparticles for catalysis and SERS applications using selectively dicarboxylated cellulose and hyaluronate.. **2022**, 0
- 109 Syntheses of gold supported on metal oxides and their application in organic transformations. **2022**, 336, 111888 1
- 108 Synthesis, Reactivity, and Bonding of Gold(I) Fluorido-Phosphine Complexes.. **2021**, 0
- 107 Ag-Catalyzed or Ag/PPh-Catalyzed Chemoselective Switchable Cascade Reactions of  $\alpha$ -Propargyl Thiocarbamoyl Fluorides and Malonate Esters.. **2021**, 0
- 106 Gold-Catalyzed Regiodivergent Annulations of Diazo-Alkynes Controlled by Et<sub>3</sub>N(HF)<sub>3</sub>. **2021**, 11, 15203-15211 2
- 105 Ready Access to Densely Substituted Furans Using Tsuji-Wacker-Type Cyclization.. **2021**, 1
- 104 Gold (I)-Promoted Intermolecular Cascade Annulation to Access 2-Hydroxybenzocarbazoles via a Meyer-Schuster Rearrangement. **2021**, 1
- 103 Enhancement Effect of Strong Metal-Support Interaction (SMSI) on the Catalytic Activity of Substituted-Hydroxyapatite Supported Au Clusters. **2022**, 0
- 102 CHAPTER 10. Selective Oxidation of Biomass-Derived Secondary Alcohols. 401-423
- 101 Table\_1.DOCX. **2019**,
- 100 Merging gold catalysis and haloethynyl frames: emphasis on halide-shift processes. **2022**, 153857 1
- 99 Regio- and Diastereoselective Construction of Functionalized Benzo[*b*]oxepines and Benzo[*b*]azepines via Recyclable Gold(I)-Catalyzed Cyclizations.. **2022**, 1
- 98 Heteroleptic metallosupramolecular aggregates/complexation for supramolecular catalysis. 18, 597-630 1
- 97 Synthesis of (2-(Quinolin-2-yl)phenyl)carbamates by a One-Pot Friedel-Crafts Reaction/Oxidative Umpolung Aza-Grob Fragmentation Sequence. 2

- 96 A Modular Approach for Diversity-Oriented Synthesis of 1,3-trans-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C.
- 95 Gold(I)-Catalyzed [4 + 2] Annulation between Arylalkynes and C,N-Diaryl Nitrones for Chemoselective Synthesis of Quinoline Scaffolds via Gold Acetylide Intermediates. **2022**, 87, 7097-7105 0
- 94 Intramolecular Cyclization of 2-alkynylphenylcarbonyls with a pendant double bond under Cu catalysis: A general approach to Norabietane core structure. 0
- 93 A Modular Approach for Diversity-Oriented Synthesis of 1,3-trans-Disubstituted Tetrahydroisoquinolines: Seven-Step Asymmetric Synthesis of Michellamines B and C. 1
- 92 Recent Advances in the Functionalization of Azulene Through Rh-, Ir-, Ru-, Au-, Fe-, Ni-, and Cu-catalyzed Reactions. 1
- 91 N-Heterocyclic Carbene Ligands | Electronic Effects on Metallopolymer Anion Exchange Membranes. 0
- 90 Synthesis of Carbene-Metal-Amido (CMA) complexes and their use as pre-catalysts for the activator-free, gold-catalyzed addition of carboxylic acids to alkynes. 1
- 89 Gold-Catalysed Rearrangement of Unconventional Cyclopropane-Tethered 1,5-Enynes. 0
- 88 Significant  $\pi$ -Bonding in Coinage Metal Complexes OCTMCCO- from Infrared Photodissociation Spectroscopy and Theoretical Calculations.
- 87 Galactopyranoside-Substituted N-Heterocyclic Carbene Gold(I) Complexes: Synthesis, Stability, and Catalytic Applications to Alkyne Hydration. 1
- 86 Discovery of Redox-Promoted Brønsted Acid Catalysis in the Gold(III)-Catalyzed Annulation of Phenol and Cyclohexadiene. 7918-7925
- 85 Site Isolation in Metal-Organic Layers Enhances Photoredox Gold Catalysis. **2022**, 144, 10694-10699 0
- 84 A practical access to 1,2-dicarbonyls via oxidation of alkynes catalyzed by gold(I) immobilized on MCM-41. **2022**, 122435
- 83 Entropy-Induced Selectivity Switch in Gold Catalysis: Fast Access to Indolo[1,2-a]quinolines. 0
- 82 Divergent Access to Polycyclic N-Heterocyclic Compounds through Büchner-Type Dearomatization Enabled Cycloisomerization of Diamides under Gold Catalysis. **2022**, 24, 4298-4303 1
- 81 Hydrogen bonding-enabled gold catalysis: ligand effects in gold-catalyzed cycloisomerizations in hexafluoroisopropanol (HFIP). 1
- 80 Enantioselective Dearomative Cyclization Enabled by Asymmetric Cooperative Gold Catalysis.
- 79 Enantioselective Dearomative Cyclization Enabled by Asymmetric Cooperative Gold Catalysis. 0

- 78 Gold(I)-Catalyzed Synthesis of Heterocycles via Allene Oxide from Propargylic Alcohols.
- 77 Gold-Catalyzed Synthesis of Spirocycles: Recent Advances. **2022**, 7, 1
- 76 Machine learning ensures rapid and precise selection of gold sea-urchin-like nanoparticles for desired light-to-plasmon resonance. 0
- 75 N-Heterocyclic Carbene Gold Complexes Active in Hydroamination and Hydration of Alkynes. **2022**, 12, 836 1
- 74 Substituted Cyclopentannulated Tetraazapentacenes. 0
- 73 Cationic Gold(II) Complexes: Experimental and Theoretical Study. 0
- 72 Heterobimetallic Au/Ru Complexes Synthesized via Post-Functionalization and Applied in Dual Photoredox-Gold Catalysis. 0
- 71 Enantioselective para -C(sp<sup>2</sup>) Functionalization of Alkyl Benzene Derivatives via Cooperative Catalysis of Gold/Chiral Brønsted Acid\*\*. 0
- 70 Preparation of layered V<sub>4</sub>AlC<sub>3</sub> MAX phase for highly selective and efficient solvent-free aerobic oxidation of toluene to benzaldehyde. **2022**, 529, 112545
- 69 Effect of Ligands and Their Removal on the Au Nanoparticle-Catalyzed Reduction of 4-Nitrophenol. **2022**, 126, 13705-13713 0
- 68 Enantioselective para -C(sp<sup>2</sup>) Functionalization of Alkyl Benzene Derivatives via Cooperative Catalysis of Gold/Chiral Brønsted Acid\*\*. 0
- 67 Anticancer Approach Inspired by the Hepatotoxic Mechanism of Pyrrolizidine Alkaloids with Glycosylated Artificial Metalloenzymes. 0
- 66 Hemilabile MIC<sup>N</sup> ligands allow oxidant-free Au(I)/Au(III) arylation-lactonization of α-alkenoic acids. **2022**, 13, 9351-9360 2
- 65 Nickel-catalyzed hydroarylation reaction: a useful tool in organic synthesis. **2022**, 9, 5074-5103 0
- 64 Confinement of nano-gold in 3D hierarchically structured gadolinium-doped ceria mesocrystal: synergistic effect of chemical composition and structural hierarchy in CO and propane oxidation.. 0
- 63 Gold-catalyzed synthesis of oxazoles from alkynyl triazenes and dioxazoles. **2022**, 12, 24857-24860 1
- 62 Gold-catalyzed hydroarylation reactions: a comprehensive overview. **2022**, 20, 7151-7187 1
- 61 Improved synthetic routes to N-heterocyclic carbene-metal-diketonato complexes of gold and copper. **2022**, 51, 13246-13254 0

- 60 Anticancer Approach Inspired by the Hepatotoxic Mechanism of Pyrrolizidine Alkaloids with Glycosylated Artificial Metalloenzymes. ○
- 59 Access to Azepino-Annulated Benzo[*c*]carbazoles Enabled by Gold-Catalyzed Hydroarylation of Alkynylindoles and Subsequent Oxidative Cyclization. **2022**, 24, 6505-6509 ○
- 58 Structural Engineering toward Gold Nanocluster Catalysis. ○
- 57 Structural Engineering toward Gold Nanocluster Catalysis. 1 ○
- 56 Gold nanoparticles supported on NiO and CuO: The synergistic effect toward enhanced reduction of nitroarenes and A3-coupling reaction. **2022**, 530, 112601 ○
- 55 Gold-Catalyzed Bidirectional Access to Planar Heptacyclic Benzobispyrido[1,2-*a*]indoles and Benzobispyrrolo[1,2-*a*]Quinolines for Materials Science. ○
- 54 Gold(I)-Catalyzed Tandem Cyclization/Hydroarylation of *o*-Alkynylphenols with Haloalkynes. ○
- 53 Gold-Catalyzed C-H Activation/Functionalization Reactions. 1-39 ○
- 52 Recyclable gold(I)-catalyzed oxidative cyclization of 1,4-diyne-3-ols leading to highly substituted 3-formylfurans. **2022**, 982, 122527 ○
- 51 Synthesis of disubstituted furans catalysed by [(AuCl)<sub>2</sub>(Ebis(phosphino)metallocene)] and Na[BArF<sub>24</sub>]. ○
- 50 Indium-Catalyzed Synthesis of Benzannulated Spiroketal by Intramolecular Double Hydroalkoxylation of ortho-(Hydroxyalkynyl)benzyl Alcohols. ○
- 49 On the Role of Noncovalent Ligand-Substrate Interactions in Au(I) Catalysis: An Experimental and Computational Study of Protodeauration. 13158-13163 ○
- 48 The rise of boron nitride nanotubes for applications in energy harvesting, nanoelectronics, quantum materials, and biomedicine. ○
- 47 Enantioselective Synthesis of [5]Helicenes Containing Two Additional Chiral Axes. 1
- 46 Unusual Scaffold Rearrangement in Polyaromatic Hydrocarbons Driven by Concerted Action of Single Gold Atoms on a Gold Surface. ○
- 45 Gold(III) Catalyzed Overman Rearrangements: Controlling Steric Interactions using Pincer-Type Ligands. ○
- 44 Unusual Scaffold Rearrangement in Polyaromatic Hydrocarbons Driven by Concerted Action of Single Gold Atoms on a Gold Surface. ○
- 43 Spectroscopic Manifestations and Implications for Catalysis of Quasi-d<sup>10</sup> Configurations in Formal Gold(III) Complexes. ○



- 42 Spectroscopic Manifestations and Implications for Catalysis of Quasi-d<sup>10</sup> Configurations in Formal Gold(III) Complexes. 0
- 41 Digold Phosphinine Complexes Are Stable with a Bis(Phosphinine) Ligand but Not with a 2-Phosphinophosphinine. **2022**, 10, 203 1
- 40 Fluorescent and Catalytically Active Single Chain Nanoparticles. 1
- 39 N-Heterocyclic Carbene Gold Complexes in a Photocatalytic CO<sub>2</sub> Reduction Reaction. 0
- 38 Homogeneous Gold Catalysis Using Complexes Recovered from Waste Electronic Equipment. 0
- 37 Triazaphosphaadamantane-functionalized terpyridine metal complexes: cyclohexane oxidation in homogeneous and carbon-supported catalysis. 0
- 36 Enclathration of Mn(II)(H<sub>2</sub>O)<sub>6</sub> guests and unusual Cu<sup>2+</sup>O bonding contacts in supramolecular assemblies of Mn(II) Co-crystal hydrate and Cu(II) Pyridinedicarboxylate: Antiproliferative evaluation and theoretical studies. **2023**, 230, 116243 0
- 35 Mechanistic Understandings of Gold-Catalyzed C-H Functionalization. 1-20 0
- 34 Intramolecular hydroamination catalysed by gold nanoparticles deposited on fibrillated cellulose. **2022**, 12, 0
- 33 Gold-Catalyzed [4 + 1] Heterocyclization of Hydroxamic Acid and Nonactivated Alkyne: A Protocol to Construct 5-Methyl-1,4,2-dioxazole. 0
- 32 Advancements in Gold-Catalyzed Cascade Reactions to Access Carbocycles and Heterocycles: An Overview. 0
- 31 Electrochemical gold-catalysed biocompatible C(sp<sup>2</sup>)–I(sp) coupling. 0
- 30 Flexible Synthesis of Benzofuranones from o-Alkynyl Phenols or Benzofurans. 0
- 29 Computational Understanding of Dual Gold and Photoredox-Catalyzed Regioselective Thiosulfonylation of Alkenes. 0
- 28 Solvent-free oxidation of toluene to benzaldehyde using electron-rich Au clusters confined in Silicalite-1. **2023**, 141446 0
- 27 Hydrogen Bond Donor and Unbalanced Ion Pair Promoter-Assisted Gold-Catalyzed Carbon–Oxygen Cross-Coupling of (Hetero)aryl Iodides with Alcohols. 1823-1829 1
- 26 Relativistic effects on the chemical bonding properties of the heavier elements and their compounds. **2023**, 479, 215000 0
- 25 Synthesis of N-Heterocyclic Carbene Gold Complexes Using 2,4,6-Trimethylphenyl Sydnone as Model Substrate 0

- 24 Assessing the role of substituents in ferrocene acylphosphines and their impact on gold-catalysed reactions. ○
- 23 Gold(I)-Catalyzed Alkynylation of N , O -Acetals: An Access to Alkynylated Saturated N-heterocycles. ○
- 22 Mechanistic details for oxidative addition of PhICl<sub>2</sub> to gold(i) complexes. **2023**, 59, 4668-4671 ○
- 21 Recent progress in the homogeneous gold-catalysed cycloisomerisation reactions. ○
- 20 Synthesis of diazocines. **2023**, 211-241 ○
- 19 TADDOL-derived phosphorus ligands in asymmetric catalysis. **2023**, 482, 215079 ○
- 18 Developments and applications of allyl-(aza)allyl coupling reactions. **2023**, ○
- 17 Two Distinct Carbocyclizations of (2-Formylphenyl)prop-2-yn-1-yl acetates to Form Substituted 1H-indene Derivatives and 4-Acetoxy-3-hydroxy-2-naphthoates. Cooperative Catalysis using Au(I)/H<sub>2</sub>O Dual Catalysts. **2023**, 365, 728-734 ○
- 16 Gold Complexes with Hydrophilic N-Heterocyclic Carbene Ligands and Their Contribution to Aqueous-Phase Catalysis. **2023**, 13, 436 ○
- 15 Gold-Catalyzed Cyclization of Alkynyl Heteroarenes with a Norbornene Bridge. ○
- 14 Gold(i)-catalyzed cycloisomerization of alcohol or amine tethered-vinylidenecyclopropanes providing access to morpholine, piperazine or oxazepane derivatives: a carbene versus non-carbene process. **2023**, 10, 1738-1745 ○
- 13 Novel NHC-Based Au(I) Complexes as Precursors of Highly Pure Au(0) Nuggets under Oxidative Conditions. **2023**, 28, 2302 ○
- 12 Correlation of Experimental and Calculated Reaction Enthalpies with Ligand Donor Strengths. ○
- 11 Synthesis and catalytic applications of metal complexes supported by indole-functionalized mesoionic 1,2,3-triazolyliidenes. **2023**, 37, ○
- 10 Multimetallic-Catalyzed C-C Bond-Forming Reactions: From Serendipity to Strategy. **2023**, 145, 6596-6614 ○
- 9 Generation and Utility of Cyclic Dienyl Gold Carbene Intermediates. **2023**, 13, 4646-4655 ○
- 8 Gold-catalyzed multicomponent reactions. ○
- 7 Relay Zn(ii)- and Au(i)-catalyzed aziridination/cyclization/ring expansion sequence to form 3-benzazepine derivatives. ○

- 6 Quick assembly of 1-alkylidenyl-tetrahydroisoquinolines via a Catellani reaction/NBS-mediated cyclization sequence and synthetic applications. ○
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- 4 Acceleration of Stepwise Carbon-Polygold Bonding Cleavage in Hypercoordinated Carbon-Centered Gold(I) Clusters. **2023**, 62, 6147-6154 ○
- 3 Quantum Mechanical Prediction and Experimental Verification of Au(I)-Catalyzed Substitution-Controlled Syntheses of 1H-Pyrido[4,3-b]indole and Spiro[indoline-3,3'-pyridine] Derivatives. ○
- 2 Discrete Au<sup>I</sup>(0) Stabilized by 15-Crown-5 for High-Efficiency Catalytic Reduction of Nitrophenol and Nitroaniline. **2023**, 13, 776 ○
- 1 Furan Synthesis via a Tandem 1,2-Acyloxy Migration/[3 + 2] Cycloaddition/Aromatization of Enol Ether-Tethered Propargylic Esters. ○