

Rai-Shung Liu

List of Publications by Year in descending order

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175
papers

8,935
citations

38742

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51608

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185
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times ranked

4311
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#	ARTICLE	IF	CITATIONS
1	Diboron compound-based organic light-emitting diodes with high efficiency and reduced efficiency roll-off. <i>Nature Photonics</i> , 2018, 12, 235-240.	31.4	669
2	Carbocyclisation of alkynes with external nucleophiles catalysed by gold, platinum and other electrophilic metals. <i>Chemical Society Reviews</i> , 2009, 38, 2269.	38.1	410
3	Recent Advances in Gold-Catalyzed <i>N</i> - and <i>O</i> -Functionalizations of Alkynes with Nitrones, Nitroso, Nitro and Nitroxy Species. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1348-1367.	4.3	242
4	Nitrene Transfer and Carbene Transfer in Gold Catalysis. <i>Chemical Reviews</i> , 2021, 121, 9039-9112.	47.7	241
5	Gold-Catalyzed Oxidative Cyclization of 1,5-Enynes Using External Oxidants. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6911-6914.	13.8	237
6	Gold-Catalyzed Oxidative Ring Expansions and Ring Cleavages of Alkynylcyclopropanes by Intermolecular Reactions Oxidized by Diphenylsulfoxide. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9891-9894.	13.8	218
7	Gold-Catalyzed 1,2-Difunctionalizations of Aminoalkynes Using Only <i>N</i> - and <i>O</i> -Containing Oxidants. <i>Journal of the American Chemical Society</i> , 2011, 133, 15372-15375.	13.7	190
8	Gold-Catalyzed Formal [3 + 3] and [4 + 2] Cycloaddition Reactions of Nitrosobenzenes with Alkenylgold Carbenoids. <i>Journal of the American Chemical Society</i> , 2011, 133, 20728-20731.	13.7	177
9	Gold-Catalyzed Oxidative Cyclizations of <i>cis</i> -Alkynes To Form Cyclopentenone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2939-2942.	13.8	166
10	Gold-catalyzed synthesis of substituted 2-aminofurans via formal [4+1]-cycloadditions on 3-en-1-ynamides. <i>Chemical Communications</i> , 2012, 48, 7200.	4.1	140
11	Gold-Catalyzed 1,3-Addition of a <i>sp</i> ³ -Hybridized C-H Bond to Alkenylcarbenoid Intermediate. <i>Journal of the American Chemical Society</i> , 2008, 130, 16488-16489.	13.7	139
12	Gold-Catalyzed Intramolecular [3 + 2]-Cycloaddition of Arenyne-Yne Functionalities. <i>Journal of the American Chemical Society</i> , 2006, 128, 11372-11373.	13.7	135
13	Gold-Catalyzed Intermolecular [4+2] and [2+2+2] Cycloadditions of Ynamides with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 113-117.	13.8	129
14	Gold-Catalyzed Stereoselective Synthesis of Azacyclic Compounds through a Redox/[2 + 2 + 1] Cycloaddition Cascade of Nitroalkyne Substrates. <i>Journal of the American Chemical Society</i> , 2011, 133, 1769-1771.	13.7	127
15	Development of Gold-catalyzed [4+1] and [2+2+1]/[4+2] Annulations between Propiolate Derivatives and Isoxazoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1026-1030.	13.8	126
16	Development of a Povarov Reaction/Carbene Generation Sequence for Alkenyldiazocarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11809-11813.	13.8	121
17	Diversity in Gold-Catalyzed Formal Cycloadditions of Ynamides with Azidoalkenes or <i>2</i> -Azirines: [3+2] versus [4+3] Cycloadditions. <i>Chemistry - A European Journal</i> , 2015, 21, 10843-10850.	3.3	120
18	Gold-Catalyzed Formal Cycloaddition of <i>2</i> -Ethynylbenzyl Ethers with Organic Oxides and <i>1</i> -Diazoesters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7559-7563.	13.8	118

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19	Gold-Catalyzed Cycloaddition Reactions of Ethyl Diazoacetate, Nitrosoarenes, and Vinylidazo Carbonyl Compounds: Synthesis of Isoxazolidine and Benzo[<i>c</i>]azepine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4923-4926.	13.8	110
20	Gold-Catalyzed [4+2] Annulation/Cyclization Cascades of Benzisoxazoles with Propiolate Derivatives to Access Highly Oxygenated Tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12736-12740.	13.8	100
21	Gold-catalyzed [4+3]- and [4+2]-annulations of 3-en-1-ynamides with isoxazoles via novel 6- π -electrocyclizations of 3-azahepta trienyl cations. <i>Chemical Science</i> , 2018, 9, 2991-2995.	7.4	97
22	Gold-Catalyzed Oxidative Cyclizations on 1,4-Enynes: Evidence for a β -Substituent Effect on Wagner-Meerwein Rearrangements. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4229-4234.	13.8	94
23	Gold-Catalyzed Hydrative Carbocyclization of 1,5- and 1,7-Allenynes Mediated by η^2 -Allene Complex: Mechanistic Evidence Supported by the Chirality Transfer of Allenyne Substrates. <i>Journal of Organic Chemistry</i> , 2008, 73, 4907-4914.	3.2	90
24	Stereocontrolled Synthesis of Complicated Oxacyclic Compounds via Platinum-Catalyzed [4 + 2]-Cycloadditions and Annulations of Enynals with Allylic Alcohols. <i>Journal of the American Chemical Society</i> , 2009, 131, 2090-2091.	13.7	88
25	Gold-Catalyzed Stereocontrolled Oxacyclization/[4+2]-Cycloaddition Cascade of Ketone-Allene Substrates. <i>Journal of the American Chemical Society</i> , 2010, 132, 9298-9300.	13.7	87
26	Gold-Catalyzed 1,2-Oxoarylations of Nitriles with Pyridine-Derived Oxides. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5444-5448.	13.8	85
27	Generation of Donor/Donor Copper Carbenes through Copper-Catalyzed Diyne Cyclization: Enantioselective and Divergent Synthesis of Chiral Polycyclic Pyrroles. <i>Journal of the American Chemical Society</i> , 2019, 141, 16961-16970.	13.7	84
28	Copper-Catalyzed Asymmetric Reaction of Alkenyl Dienes with Styrenes by Formal [3 + 2] Cycloaddition via Cu-Containing All-Carbon 1,3-Dipoles: Access to Chiral Pyrrole-Fused Bridged [2.2.1] Skeletons. <i>Journal of the American Chemical Society</i> , 2020, 142, 7618-7626.	13.7	83
29	Ruthenium-Catalyzed Cycloisomerization of <i>o</i> -(Ethynyl)phenylalkenes to Diene Derivatives via Skeletal Rearrangement. <i>Journal of the American Chemical Society</i> , 2004, 126, 15560-15565.	13.7	77
30	The Skeletal Rearrangement of Gold- and Platinum-Catalyzed Cycloisomerization of <i>cis</i> -4,6-Dien-1-yn-3-ols: Pinacol Rearrangement and Formation of Bicyclo[4.1.0]heptenone and Reorganized Styrene Derivatives. <i>Journal of the American Chemical Society</i> , 2007, 129, 15677-15683.	13.7	76
31	Ruthenium-Catalyzed Cycloisomerization of <i>cis</i> -3-En-1-ynes to Cyclopentadiene and Related Derivatives through a 1,5-Sigmatropic Hydrogen Shift of Ruthenium-Vinylidene Intermediates. <i>Journal of the American Chemical Society</i> , 2005, 127, 11606-11607.	13.7	75
32	Intermolecular Gold-Catalyzed Diastereo- and Enantioselective [2+2+3] Cycloadditions of 1,6-Enynes with Nitrones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7835-7838.	13.8	75
33	Gold-Catalyzed Deoxygenated Cyclization of <i>cis</i> -2,4-Dien-1-als with Regioselective Addition of Two Nucleophiles. One-Pot Synthesis of Highly Functionalized Cyclopentene Framework. <i>Journal of the American Chemical Society</i> , 2007, 129, 3798-3799.	13.7	74
34	Ruthenium-Catalyzed Cyclization of 2-Alkyl-1-ethynylbenzenes via a 1,5-Hydrogen Shift of Ruthenium-Vinylidene Intermediates. <i>Journal of Organic Chemistry</i> , 2007, 72, 3289-3292.	3.2	74
35	Gold-Catalyzed [5+2]- and [5+1]-Annulations between Ynamides and 1,2-Benzisoxazoles with Ligand-Controlled Chemoselectivity. <i>ACS Catalysis</i> , 2018, 8, 9697-9701.	11.2	71
36	Copper-Catalyzed Azide-Ynamide Cyclization to Generate β -Amino Copper Carbenes: Divergent and Enantioselective Access to Polycyclic N-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17984-17990.	13.8	71

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37	Retention of Stereochemistry in Gold-Catalyzed Formal [4+3] Cycloaddition of Epoxides with Arenynamides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8722-8726.	13.8	70
38	Gold-catalyzed annulations of <i>N</i> -aryl ynamides with benzisoxazoles to construct 6 <i>H</i> -indolo[2,3- <i>b</i>]quinoline cores. <i>Chemical Communications</i> , 2018, 54, 10866-10869.	4.1	69
39	Platinum-Catalyzed Oxoarylations of Ynamides with Nitrones. <i>Organic Letters</i> , 2012, 14, 5522-5525.	4.6	65
40	Synthesis of Heterocyclic and Carbocyclic Compounds via Alkynyl, Allyl, and Propargyl Organometallics of Cyclopentadienyl Iron, Molybdenum, and Tungsten Complexes. <i>Chemical Reviews</i> , 2000, 100, 3127-3162.	47.7	62
41	Gold-catalyzed (4 + 2)-annulations between $\hat{\text{I}}^{\pm}$ -alkyl alkenylgold carbenes and benzisoxazoles with reactive alkyl groups. <i>Chemical Science</i> , 2018, 9, 4488-4492.	7.4	61
42	Gold-catalyzed (4+3)-annulations of 2-alkenyl-1-alkynylbenzenes with anthranils with alkyne-dependent chemoselectivity: skeletal rearrangement versus non-rearrangement. <i>Chemical Science</i> , 2019, 10, 1201-1206.	7.4	59
43	Gold-Catalyzed Stereoselective Synthesis of 9-Oxabicyclo[3.3.1]nona-4,7-dienes from Diverse 1-Oxo-4-oxy-5-yne: A Viable Formal [4 + 2] Cycloaddition on an <i>s</i> - <i>trans</i> -Heterodiene Framework. <i>Journal of the American Chemical Society</i> , 2010, 132, 12565-12567.	13.7	58
44	Sulfonamide-directed gold-catalyzed [2+2+2]-cycloadditions of nitriles with two discrete ynamides to construct 2,4-diaminopyridine cores. <i>Chemical Communications</i> , 2016, 52, 3187-3190.	4.1	57
45	Gold-Catalyzed [4 + 1]-Annulation Reactions between 1,4-Diyn-3-ols and Isoxazoles To Construct a Pyrrole Core. <i>Organic Letters</i> , 2018, 20, 3806-3809.	4.6	56
46	Tungsten(II) $\hat{\text{C}}$ Carbene Complex Functions as a Dicationic Synthone: Efficient Constructions of Furan and Pyran Frameworks from Readily Available $\hat{\text{I}}^{\pm}$, $\hat{\text{I}}^{-}$ and $\hat{\text{I}}^{\pm}$, $\hat{\mu}$ -Alkynols. <i>Journal of the American Chemical Society</i> , 1997, 119, 4404-4412.	13.7	55
47	Catalytic Transformations of Alkynes into either $\hat{\text{I}}^{\pm}$ -Alkoxy or $\hat{\text{I}}^{\pm}$ -Aryl Enolates: Mannich Reactions by Cooperative Catalysis and Evidence for Nucleophile-Directed Chemoselectivity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14878-14882.	13.8	54
48	Gold-catalyzed isomerization of unactivated allenes into 1,3-dienes under ambient conditions. <i>Chemical Communications</i> , 2012, 48, 6577.	4.1	53
49	Gold-Catalyzed Cyclization/Oxidative [3+2]...Cycloadditions of 1,5-Enynes with Nitrosobenzenes without Additional Oxidants. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4599-4603.	13.8	52
50	Gold(I)-Catalyzed Highly Diastereo- and Enantioselective Cyclization " [4+3] Annulation Cascades between 2-(1-Alkynyl)-2-Alken-1-ones and Anthranils. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10396-10400.	13.8	52
51	Gold- and Silver-Catalyzed [4+2] Cycloadditions of Ynamides with Oxetanes and Azetidines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2411-2416.	4.3	47
52	Generation of Endocyclic Vinyl Carbene Complexes via Gold-Catalyzed Oxidative Cyclization of Terminal Diynes: Toward Naphthoquinones and Carbazolequinones. <i>ACS Catalysis</i> , 2019, 9, 1019-1025.	11.2	46
53	Zinc(II)-Catalyzed Intermolecular Hydrative Aldol Reactions of 2-En-1-ynamides with Aldehydes and Water to form Branched Aldol Products Regio- and Stereoselectively. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3812-3816.	13.8	45
54	Copper-Catalyzed Three-Component Annulations of Alkenes, Nitrosoarenes, and <i>N</i> -Hydroxyallyl amines To Form Fused Oxazinanone/Isoxazolidine Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2035-2039.	13.8	45

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55	Gold-Catalyzed Annulations of <i>N</i> -Propargyl Ynamides with Anthranils with Two Distinct Chemoselectivities. <i>Chemistry - A European Journal</i> , 2019, 25, 5288-5297.	3.3	45
56	Total Synthesis of (+)-Blastmycinone, (â ⁺)-Litsenolide C1, and Related Natural Trisubstituted Lactones via Alkynylation of Tungsten Compounds. <i>Journal of Organic Chemistry</i> , 2000, 65, 6362-6367.	3.2	44
57	High-Performance Organic Light-Emitting Diode with Substitutionally Boron-Doped Graphene Anode. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14998-15004.	8.0	43
58	Development of Gold-Catalyzed [4+1] and [2+2+1]/[4+2] Annulations between Propiolate Derivatives and Isoxazoles. <i>Angewandte Chemie</i> , 2017, 129, 1046-1050.	2.0	42
59	A Novel Stereocontrolled Synthesis of Cis-Fused Bicyclic Lactams via [3 + 2]-Cycloaddition of Alkynylation Complexes with Tethered Aziridines. <i>Organic Letters</i> , 2002, 4, 4151-4153.	4.6	41
60	Gold-Catalyzed [4+3]-Annulation of Oxabicyclic Benzenes with 2-Substituted Allylsilanes through Tandem Allylation and Cyclization. <i>Organic Letters</i> , 2008, 10, 521-524.	4.6	41
61	Gold-catalyzed diastereoselective [2+2+2]-cycloaddition of 1,7-enynes with carbonyl compounds. <i>Chemical Communications</i> , 2012, 48, 10975.	4.1	41
62	Gold-Catalyzed Oxidative Cycloadditions to Activate a Quinoline Framework. <i>Chemistry - A European Journal</i> , 2013, 19, 12965-12969.	3.3	41
63	Gold-Catalyzed Intermolecular Oxidations of 2-Ketonyl-1-ethynyl Benzenes with <i>N</i> -Hydroxyanilines to Yield 2-Aminoindenes via Gold Carbene Intermediates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11892-11896.	13.8	41
64	Oxidant-Dependent Chemoselectivity in the Gold-Catalyzed Oxidative Cyclizations of 3,4,6,6-Tetrasubstituted 3,5-Dien-1-yne. <i>Journal of Organic Chemistry</i> , 2013, 78, 7970-7976.	3.2	39
65	Gold-catalyzed formal [4i + 2i]-cycloadditions of propiolate derivatives with unactivated nitriles. <i>Chemical Science</i> , 2015, 6, 5964-5968.	7.4	38
66	Highly efficient deep-blue organic electroluminescent devices doped with hexaphenylanthracene fluorophores. <i>Journal of Materials Chemistry</i> , 2011, 21, 8122.	6.7	37
67	Gold-Catalyzed Reactions between Alkenyldiazo Carbonyl Species and Acetals. <i>Journal of Organic Chemistry</i> , 2013, 78, 5711-5716.	3.2	37
68	Gold-catalyzed oxidative couplings of two indoles with one aryldiazo cyanide under oxidant-free conditions. <i>Chemical Communications</i> , 2017, 53, 4593-4596.	4.1	37
69	Copper-Catalyzed Cascade Cyclization of Indolyl Homopropargyl Amides: Stereospecific Construction of Bridged Aza[2.1] Skeletons. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9632-9639.	13.8	37
70	Synthesis of Natural Î±-Methylene Butyrolactones via Tungsten-Allyl Complexes. Total Synthesis of (â ⁺)-Methylenolactocin. <i>Journal of Organic Chemistry</i> , 1998, 63, 9122-9124.	3.2	36
71	Gold-Catalyzed Intramolecular [3+2] Cycloadditions of Arylallene-Enes. <i>Chemistry - A European Journal</i> , 2009, 15, 8895-8901.	3.3	36
72	Gold-catalyzed N,O-functionalization of 1,4-dien-3-ols with <i>N</i> -hydroxyanilines to form highly functionalized pyrrole derivatives. <i>Chemical Communications</i> , 2018, 54, 2114-2117.	4.1	35

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73	[3 + 2]-Annulations of <i>N</i> -Hydroxy Allenylamines with Nitrosoarenes: One-Pot Synthesis of Substituted Indole Products. <i>Organic Letters</i> , 2016, 18, 412-415.	4.6	34
74	Gold-catalyzed bicyclic annulations of 4-methoxy-1,2-dienyl-5-yne with isoxazoles to form indolizine derivatives via an Au- η -allene intermediate. <i>Chemical Science</i> , 2019, 10, 6437-6442.	7.4	34
75	Gold-catalyzed [4+2]-Annulations of Dienes with Nitrosoarenes as π Donors: Nitroso-Povarov Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9831-9835.	13.8	34
76	Alkene-Directed <i>N</i> -Attack Chemoselectivity in the Gold-Catalyzed [2+2+1]-Annulations of 1,6-Enynes with <i>N</i> -Hydroxyanilines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14924-14928.	13.8	33
77	Gold-Catalyzed Imination/Mannich Reaction Cascades of α -N- γ -Ynamides with Anilines and Aldehydes to Enable 1,5-Nitrogen Functionalizations. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1421-1427.	4.3	32
78	Gold-Catalyzed [4+2] Annulation/Cyclization Cascades of Benzisoxazoles with Propiolate Derivatives to Access Highly Oxygenated Tetrahydroquinolines. <i>Angewandte Chemie</i> , 2017, 129, 12910-12914.	2.0	32
79	Gold(I)-Catalyzed Highly Enantioselective [4 + 2]-Annulations of Cyclopentadienes with Nitrosoarenes via Nitroso-Povarov versus Oxidative Nitroso-Povarov Reactions. <i>ACS Catalysis</i> , 2020, 10, 5840-5845.	11.2	32
80	Catalytic Formal [4 + 2] Cycloadditions between Unactivated Allenes and <i>N</i> -Hydroxyaniline Catalyzed by AuCl ₃ /CuCl ₂ /O ₂ . <i>Journal of Organic Chemistry</i> , 2014, 79, 4306-4311.	3.2	30
81	Gold-Catalyzed Michael-Type Reactions and [4 + 2]-Annulations between Propiolates and 1,2-Benzisoxazoles with Ester-Directed Chemoselectivity. <i>Organic Letters</i> , 2018, 20, 6655-6658.	4.6	30
82	Synthesis of nitrogen-containing molecules via transition metal-catalyzed reactions on isoxazoles, anthranils and benzoisoxazoles. <i>Advances in Organometallic Chemistry</i> , 2020, 73, 195-251.	1.0	30
83	Ruthenium-Catalyzed Transformation of Aryl and Alkynyl Propargyl Ethers into Aryl and Alkynyl Ketones via Cleavage of a Carbon-Carbon Triple Bond. <i>Organometallics</i> , 2004, 23, 4332-4334.	2.3	29
84	Gold-Catalyzed Carboalkoxylations of 2-Ethynylbenzyl Ethers to form 1- and 2-Indanones Chemoselectively: Effects of Ligands and Solvents. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 144-152.	4.3	28
85	Gold-catalyzed [4+3] and [4+4]-annulation reactions of <i>t</i> -butyl propiolate derivatives with epoxides and oxetanes for the construction of 1,4-dioxepane and 1,5-dioxocane cores. <i>Chemical Communications</i> , 2016, 52, 7482-7485.	4.1	28
86	Gold-catalyzed 1,2-iminonitronation of electron-deficient alkynes with nitrosoarenes to afford β -imidoyl nitrones. <i>Chemical Communications</i> , 2014, 50, 15864-15866.	4.1	27
87	Gold-Catalyzed Oxidative Cyclization of 4-Allenyl-1-yne with 8-Methylquinoline Oxide. <i>Organic Letters</i> , 2013, 15, 4094-4097.	4.6	26
88	Gold-catalyzed [4+1]-annulation reactions between anthranils and 4-methoxy-1,2-dienyl-5-yne involving a 1,2-allene shift. <i>Chemical Communications</i> , 2019, 55, 1979-1982.	4.1	26
89	Gold-catalyzed reactions of propargylic esters with vinylazides for the synthesis of <i>Z</i> - or <i>E</i> -configured buta-1,3-dien-2-yl esters. <i>Chemical Communications</i> , 2015, 51, 15462-15464.	4.1	25
90	Gold-catalyzed [3+2]-annulations of β -aryl diazonitriles with ynamides and allenamides to yield 1-amino-1H-indenes. <i>Chemical Communications</i> , 2016, 52, 11434-11437.	4.1	24

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91	Silver-Catalyzed Stereoselective [3+2]-Cycloadditions of Cyclopropyl-Indanimines with Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1545-1552.	4.3	23
92	Gold-catalyzed formal [4+2]-cycloadditions of tert-butyl propiolates with aldehydes and ketones to form 4H-1,3-dioxine derivatives. <i>Chemical Communications</i> , 2015, 51, 13004-13007.	4.1	23
93	Gold-Catalyzed Oxidative [2+2+1] Annulations of Aryldiazo Nitriles with Imines To Yield Polyarylated Imidazolium Salts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5035-5039.	13.8	23
94	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. <i>ACS Catalysis</i> , 2019, 9, 5890-5896.	11.2	23
95	Ground-state dioxygen undergoes metal-free [3 + 2]-annulations with allenes and nitrosoarenes under ambient conditions. <i>Chemical Science</i> , 2017, 8, 5482-5487.	7.4	22
96	Gold-Catalyzed Bicyclic Annulations of 2-Alkynylbenzaldehydes with Vinylidazo Carbonyls that Serve as Five-Atom Building Units. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10980-10984.	13.8	22
97	Gold-Catalyzed Oxidations of 1,3-Diynamides with C(1) versus C(3) Regioselectivity: Catalyst-Dependent Oxidative Cyclizations in the C(3) Oxidation. <i>Organic Letters</i> , 2020, 22, 4478-4482.	4.6	22
98	Silver-Catalyzed <i>exo</i> - <i>dig</i> -Azacyclization/[3+2]-Cycloaddition Cascades on 1-Tosylhydrazon-4-oxo-5-ene Substrates: Applicability to Diverse Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1877-1882.	4.3	21
99	Gold-Catalyzed Oxidative [2+2+1] Annulations of Aryldiazo Nitriles with Imines To Yield Polyarylated Imidazolium Salts. <i>Angewandte Chemie</i> , 2017, 129, 5117-5121.	2.0	21
100	Gold-Catalyzed <i>N</i> , <i>O</i> -Functionalizations of 6-Allenyl-1-ynes with <i>N</i> -Hydroxyanilines To Construct Benzo[<i>b</i>]-azepin-4-one Cores. <i>Organic Letters</i> , 2017, 19, 5340-5343.	4.6	21
101	Direct access to benzofuro[2,3- <i>b</i>]quinoline and 6- <i>H</i> -chromeno[3,4- <i>b</i>]quinoline cores through gold-catalyzed annulation of anthranils with arenoxyethynes and aryl propargyl ethers. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4452-4455.	2.8	21
102	Access to molecular complexity via gold- and platinum-catalyzed cascade reactions. <i>Pure and Applied Chemistry</i> , 2012, 84, 1749-1757.	1.9	20
103	Copper-Catalyzed Oxidative Dimerizations of 3-Alkynyl-Hydroxyamino-1-Enes to form 1,4-Dihydroxy-2,3-diaminocyclohexanes with <i>C</i> ₂ -Symmetry. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12885-12888.	13.8	20
104	Cu-Catalyzed Aerobic Oxidative Cyclizations of 3-Alkynyl-Hydroxyamino-1,2-Propadienes with Alcohols, Thiols, and Amines To Form 1,4-Dihydroxy-2,3-diamino- and 1,4-Dihydroxy-2,3-diamino-Substituted 4-Methylquinoline Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 4590-4594.	3.3	20
105	Copper-Catalyzed [4+2]-Cycloadditions of Isoxazoles with 2-Alkynylbenzaldehydes To Access Distinct 1,4-Carbonylnaphthalene Derivatives: C(3,4)- versus C(4,5)-Regioselectivity at Isoxazoles. <i>ACS Catalysis</i> , 2019, 9, 7328-7334.	11.2	20
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