

Takanori Matsuda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7146424/publications.pdf>

Version: 2024-02-01

91
papers

4,203
citations

109321

35
h-index

114465

63
g-index

144
all docs

144
docs citations

144
times ranked

2621
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-catalysed cleavage of carbon-carbon bonds. <i>Chemical Communications</i> , 2011, 47, 1100-1105.	4.1	470
2	Asymmetric Synthesis of 3,4-Dihydrocoumarins by Rhodium-Catalyzed Reaction of 3-(2-Hydroxyphenyl)cyclobutanones. <i>Journal of the American Chemical Society</i> , 2007, 129, 12086-12087.	13.7	243
3	Nickel-Catalyzed Intermolecular Alkyne Insertion into Cyclobutanones. <i>Journal of the American Chemical Society</i> , 2005, 127, 6932-6933.	13.7	189
4	Convenient Preparation of Silylboranes. <i>Organometallics</i> , 2000, 19, 4647-4649.	2.3	187
5	Eight-Membered Ring Construction by [4 + 2 + 2] Annulation Involving β^2 -Carbon Elimination. <i>Journal of the American Chemical Society</i> , 2006, 128, 2166-2167.	13.7	172
6	Palladium- and Platinum-Catalyzed Silaboration of Methylene-cyclopropanes through Selective Proximal or Distal C-C Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2000, 122, 11015-11016.	13.7	152
7	Enantioselective C-C Bond Cleavage Creating Chiral Quaternary Carbon Centers. <i>Organic Letters</i> , 2006, 8, 3379-3381.	4.6	144
8	Synthesis of Silafluorenes by Iridium-Catalyzed [2 + 2 + 2] Cycloaddition of Silicon-Bridged Dienes with Alkynes. <i>Organic Letters</i> , 2007, 9, 133-136.	4.6	124
9	Construction of Carbon Frameworks through β^2 -Carbon Elimination Mediated by Transition Metals. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1315-1321.	3.2	107
10	Nickel-Catalyzed Silaborative Dimerization of Alkynes. <i>Organometallics</i> , 1998, 17, 5233-5235.	2.3	106
11	Rhodium-Catalyzed Addition/Ring-Opening Reaction of Arylboronic Acids with Cyclobutanones. <i>Organic Letters</i> , 2004, 6, 1257-1259.	4.6	105
12	Synthesis of Seven-Membered-Ring Ketones by Arylative Ring Expansion of Alkyne-Substituted Cyclobutanones. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4608-4611.	13.8	96
13	Regio- and stereoselective synthesis of (<i>Z</i>)- β^2 -silylalkenylboranes by silaboration of alkynes catalyzed by palladium and platinum complexes. <i>Tetrahedron</i> , 1999, 55, 8787-8800.	1.9	90
14	Rhodium-Catalyzed Carbonylation of Spiropentanes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12596-12597.	13.7	83
15	Platinum-Catalyzed Silaborative Coupling of 1,3-Dienes to Aldehydes: Regio- and Stereoselective Allylation with Dienes through Allylic Platinum Intermediates. <i>Journal of the American Chemical Society</i> , 1998, 120, 4248-4249.	13.7	76
16	Ruthenium-Catalyzed <i>trans</i> -Hydrogermylation of Alkynes: Formation of 2,5-Disubstituted Germales through Double <i>trans</i> -Hydrogermylation of 1,3-Diynes. <i>Organic Letters</i> , 2010, 12, 1056-1058.	4.6	75
17	Ruthenium-catalysed double <i>trans</i> -hydrosilylation of 1,4-diarylbuta-1,3-diyne leading to 2,5-diarylsiloles. <i>Chemical Communications</i> , 2007, , 2627.	4.1	74
18	Palladium-Catalyzed Sequential Carbon-Carbon Bond Cleavage/Formation Producing Arylated Benzolactones. <i>Organic Letters</i> , 2008, 10, 5219-5221.	4.6	72

#	ARTICLE	IF	CITATIONS
19	Stereoselective 1,4-Silaboration of 1,3-Dienes Catalyzed by Nickel Complexes. <i>Organic Letters</i> , 1999, 1, 1567-1569.	4.6	69
20	Double 1,4-rhodium migration cascade in rhodium-catalysed arylative ring-opening/spirocyclisation of (3-arylcyclobutylidene)acetates. <i>Chemical Communications</i> , 2012, 48, 2988.	4.1	62
21	Gold-catalysed intramolecular trans-allylsilylation of alkynes forming 3-allyl-1-silaindenes. <i>Chemical Communications</i> , 2008, , 2744.	4.1	60
22	Eight-membered Ring Formation via Olefin Insertion into a Carbon-Carbon Single Bond. <i>Chemistry Letters</i> , 2004, 33, 876-877.	1.3	57
23	Synthesis of 1H-Inden-1-ol Derivatives via Rhodium-catalyzed Annulation of o-Acylphenylboronic Acids with Alkynes. <i>Chemistry Letters</i> , 2005, 34, 1416-1417.	1.3	56
24	Nickel-Catalyzed Silaboration of Small-Ring Vinylcycloalkanes: Regio- and Stereoselective (E)-Allylsilane Formation via C-C Bond Cleavage. <i>Organometallics</i> , 2002, 21, 1537-1539.	2.3	54
25	A rhodium-catalysed formal intramolecular C-C-H bond metathesis. <i>Chemical Communications</i> , 2015, 51, 7393-7396.	4.1	51
26	Molybdenum-Catalyzed Ring-Closing Metathesis of Allenynes. <i>Organic Letters</i> , 2005, 7, 3953-3956.	4.6	49
27	Contrasting Stereochemical Dictation of the Cyclobutene Ring-Opening Reaction by a Vacant Boron p Orbital. <i>Journal of the American Chemical Society</i> , 2005, 127, 1366-1367.	13.7	48
28	Activation of a Cyclobutanone Carbon-Carbon Bond over an Aldehyde Carbon-Hydrogen Bond in the Rhodium-catalyzed Decarbonylation. <i>Chemistry Letters</i> , 2006, 35, 288-289.	1.3	48
29	Addition/Ring-Opening Reaction of Organoboronic Acids to Cyclobutanones Catalyzed by Rhodium(I)/P(t-Bu) ₃ Complex. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1528-1533.	3.2	47
30	Synthesis of tetrasubstituted benzenes via rhodium(i)-catalysed ring-opening benzannulation of cyclobutenols with alkynes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3424.	2.8	45
31	Palladium-Catalyzed Hydrometalation and Bismetalation of Biphenylene. <i>Organometallics</i> , 2011, 30, 3923-3925.	2.3	43
32	Two-carbon ring expansion of cyclobutanone skeletons by nickel-catalyzed intermolecular alkyne insertion. <i>Tetrahedron</i> , 2006, 62, 7540-7546.	1.9	42
33	Rhodium-catalysed intramolecular trans-bis-silylation of alkynes to synthesise 3-silyl-1-benzosiloles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3175.	2.8	42
34	Gold(I)-Catalyzed Ring-Expanding Spiroannulation of Cyclopropanones with Enynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 2739-2745.	3.2	39
35	Dramatic Effects of Boryl Substituents on Thermal Ring-Closing Reaction of Vinylallenes. <i>Journal of the American Chemical Society</i> , 2004, 126, 10838-10839.	13.7	37
36	Synthesis of Dibenzoheteropines of Group 13-16 Elements via Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2013, 78, 3329-3335.	3.2	37

#	ARTICLE	IF	CITATIONS
37	Synthesis of Pyrenes by Twofold Hydroarylation of 2,6-Dialkynylbiphenyls. <i>Chemistry Letters</i> , 2011, 40, 40-41.	1.3	36
38	Homocoupling of arylboronic acids catalyzed by simple gold salts. <i>Tetrahedron Letters</i> , 2011, 52, 4779-4781.	1.4	34
39	Palladium-Catalyzed Ring-Opening Alkynylation of Cyclopropanones. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4219-4222.	2.4	32
40	Synthesis of 3-Acyl-4-alkenylpyrrolidines by Platinum-Catalyzed Hydrative Cyclization of Allenynes. <i>Helvetica Chimica Acta</i> , 2006, 89, 1672-1680.	1.6	31
41	Rhodium(III)-catalyzed synthesis of indoles from 1-alkylidene-2-arylhydrazines and alkynes via C-H and N-N bond cleavages. <i>Tetrahedron Letters</i> , 2014, 55, 3302-3304.	1.4	31
42	Rhodium-catalyzed Reactions of Cyclobutanones with Alcohols and Amines Forming Esters and Amides. <i>Chemistry Letters</i> , 2007, 36, 744-745.	1.3	30
43	Gold-catalysed alkenyl- and arylsilylation reactions forming 1-silaindenes. <i>Chemical Communications</i> , 2011, 47, 8697.	4.1	30
44	Ruthenium-Catalyzed Cycloisomerization of 2,2-Diethynylbiphenyls Involving Cleavage of a Carbon-Carbon Triple Bond. <i>Chemistry - A European Journal</i> , 2016, 22, 1941-1943.	3.3	30
45	Acids Direct 2-Styrylcyclobutanone into Two Distinctly Different Reaction Pathways. <i>Organic Letters</i> , 2005, 7, 2059-2061.	4.6	29
46	Synthesis of Siloles via Rhodium-Catalyzed Cyclization of Alkynes and Diynes with Hexamethyldisilane. <i>Synlett</i> , 2011, 2011, 813-816.	1.8	22
47	Azulenophenanthrenes from 2,2-Di(arylethynyl)biphenyls through C-C Bond Cleavage of a Benzene Ring. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6492-6495.	13.8	22
48	Rhodium-catalysed arylative annulation of 1,4-enynes with arylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 702-705.	2.8	22
49	Rhodium-Catalyzed Double 1,4-Addition of Arylboronic Acids to α -Aryloxyacrylates Involving α -Oxygen Elimination. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1923-1926.	4.3	21
50	Silver-catalyzed ring-opening [3+2] annulation of cyclopropanones with amides. <i>New Journal of Chemistry</i> , 2018, 42, 19178-19182.	2.8	20
51	Rhodium(i)-catalysed intermolecular alkyne insertion into (2-pyridylmethylene)cyclobutenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5023-5027.	2.8	19
52	Rhodium-Catalyzed C(sp ²)-H Alkoxyacylation/Acylation of Indolines with Anhydrides as a Carbonyl Source. <i>Organic Letters</i> , 2022, 24, 1141-1145.	4.6	18
53	Synthesis of 2-acyl-1-naphthols by gold-catalyzed oxidative cyclization of 2-alkenylphenyl alkynyl ketones. <i>Tetrahedron</i> , 2015, 71, 869-874.	1.9	17
54	Synthesis of indole-fused heteroacenes by cascade cyclisation involving rhodium-catalysed intramolecular C-H amination. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6703-6707.	2.8	17

#	ARTICLE	IF	CITATIONS
55	Rhodium-catalyzed Cross-Coupling of Alkenyl Halides with Arylboron Compounds. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3396-3400.	4.3	16
56	Hydrosilylation-Metathesis Sequence Leading to 1-Silaindenes. <i>Synlett</i> , 2010, 2010, 2743-2746.	1.8	15
57	Rhodium-catalysed decarbonylative coupling of maleic anhydrides with alkynes. <i>RSC Advances</i> , 2014, 4, 37138-37141.	3.6	15
58	Torque control by metal-orbital interactions. <i>Pure and Applied Chemistry</i> , 2006, 78, 415-423.	1.9	13
59	Synthesis of phthalazinones via palladium(ii)-catalysed intramolecular oxidative C-H/C-H cross-coupling of N ² -methylenebenzohydrazides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2084.	2.8	13
60	Rhodium-Catalyzed Addition-Spirocyclization of Arylboronic Esters Containing β -Aryl α,β -Unsaturated Ester Moiety. <i>Synlett</i> , 2015, 26, 1233-1237.	1.8	11
61	Azulenophenanthrenes from 2,2-diaza-di(arylethynyl)biphenyls through C-C Bond Cleavage of a Benzene Ring. <i>Angewandte Chemie</i> , 2013, 125, 6620-6623.	2.0	10
62	Rhodium(III)-catalyzed [2+2+2] Cyclotrimerization of Diynes with Maleic Anhydrides as Alkyne Equivalents. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3032-3035.	2.4	10
63	Oxidative cyclization of dialdehydes with alcohols and 1,3-dicarbonyl compounds under Rh(III)/Cu(II) conditions. <i>Tetrahedron</i> , 2015, 71, 9264-9270.	1.9	10
64	Synthesis of unsymmetrical benzils via palladium-catalysed α -arylation-oxidation of 2-hydroxyacetophenones with aryl bromides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3679-3683.	2.8	10
65	Rhodium-catalysed skeletal reorganisation of benzofused spiro[3.3]heptanes via consecutive carbon-carbon bond cleavage. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7024-7027.	2.8	8
66	Rhodium-catalyzed Additive-Free C-H Ethoxycarbonylation of (Hetero)Arenes with Diethyl Dicarbonate as a CO Surrogate. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4938-4942.	2.4	8
67	Rhodium-catalyzed arylation of acylsilanes with sodium tetraarylbates. <i>Journal of Organometallic Chemistry</i> , 2014, 765, 64-67.	1.8	7
68	Palladium-Catalyzed Ring-Opening Coupling of Cyclobutenols with Aryl Halides. <i>Synlett</i> , 2018, 29, 754-758.	1.8	7
69	Synthesis of trisubstituted 1,3-oxazin-6-ones via base-catalyzed ring-opening annulation of cyclopropanones with N-(pivaloyloxy)amides. <i>Tetrahedron Letters</i> , 2018, 59, 1458-1460.	1.4	6
70	Rhodium-catalysed decarbonylative C(sp ²)-H alkylation of indolines with alkyl carboxylic acids and carboxylic anhydrides under redox-neutral conditions. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2808-2812.	2.8	6
71	A Direct Entry to Bicyclic Cyclobutenes via Platinum-Catalyzed Cycloisomerization of Allenynes. <i>Synlett</i> , 2006, 2006, 0575-0578.	1.8	5
72	Synthesis of Silole Skeletons via Metathesis Reactions. <i>Synlett</i> , 2008, 2008, 561-564.	1.8	5

#	ARTICLE	IF	CITATIONS
73	Rhodium-Catalyzed Cycloisomerization of α -Alkynyl β -arylidenebenzohydrazides through α -exo- β -Carboamination. Asian Journal of Organic Chemistry, 2016, 5, 891-894.	2.7	5
74	Rh-catalyzed Carbonylation of (2-Pyridylmethylene)cyclobutanes. Chemistry Letters, 2017, 46, 1721-1723.	1.3	4
75	Rhodium(I)-Catalyzed Arylative Annulation of α -Alkynyl Ketones for Preparation of Fused Aromatics. European Journal of Organic Chemistry, 2020, 2020, 306-310.	2.4	4
76	Copper-Catalyzed Enantioselective Reductive Aldol Reaction of α,β -Unsaturated Carboxylic Acids to Alkyl Aryl Ketones: Silanes as Activator and Transient Protecting Group. Chemistry - A European Journal, 2021, , .	3.3	3
77	Synthesis of Fused and Linked Benzofurans from 2-Alkynylphenol Derivatives through Rhodium(I)-catalyzed Domino-type Addition Reactions. Chimia, 2018, 72, 888.	0.6	2
78	Dealkoxylation of α -alkoxyamides without an external reductant driven by Pd/Al cooperative catalysis. Organic and Biomolecular Chemistry, 2020, 18, 7545-7548.	2.8	2
79	Catalytic Functionalization of Unactivated sp^3 C-H Bonds. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2006, 64, 780-781.	0.1	2
80	Rhodium-catalyzed C6-Selective Alkoxy carbonylation of Pyridones. Chemistry Letters, 2022, 51, 775-777.	1.3	2
81	Formation of six-membered rings via alkyne insertion into four-membered rings. AIP Conference Proceedings, 2017, , .	0.4	1
82	Rhodium-Catalyzed Addition/Ring-Opening Reaction of Arylboronic Acids with Cyclobutanones.. ChemInform, 2004, 35, no.	0.0	0
83	Stereoselective Synthesis of (Z)-1-Silyl-2-stannylethene by Palladium-Catalyzed Silastannation of Ethyne and Its Synthetic Transformations.. ChemInform, 2004, 35, no.	0.0	0
84	Eight-Membered Ring Formation via Olefin Insertion into a Carbon-Carbon Single Bond.. ChemInform, 2004, 35, no.	0.0	0
85	Cycloadditions of Allenes. ChemInform, 2005, 36, no.	0.0	0
86	Nickel-Catalyzed Intermolecular Alkyne Insertion into Cyclobutanones.. ChemInform, 2005, 36, no.	0.0	0
87	Acids Direct 2-Styrylcyclobutanone into Two Distinctly Different Reaction Pathways.. ChemInform, 2005, 36, no.	0.0	0
88	Synthesis of Seven-Membered-Ring Ketones by Arylative Ring Expansion of Alkyne-Substituted Cyclobutanones.. ChemInform, 2005, 36, no.	0.0	0
89	Addition/Ring-Opening Reaction of Organoboronic Acids to Cyclobutanones Catalyzed by Rhodium(I)/P(t-Bu) ₃ Complex.. ChemInform, 2005, 36, no.	0.0	0
90	Molybdenum-Catalyzed Ring-Closing Metathesis of Allenynes.. ChemInform, 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
91	Ruthenium-catalysed cyclisation reactions of 1,11-dien-6-yne leading to biindenes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1760-1764.	2.8	0