Takanori Matsuda

List of Publications by Year
in descending order

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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	Rhodium-Catalyzed C(sp²)â€“H Alkoxycarbonylation/Acylation of Indolines with Anhydrides as a Carbonyl Source. Organic Letters, 2022, 24, 1141-1145.	4.6	18
2	Rhodium-catalysed decarbonylative C(sp²)â€“H alkylation of indolines with alkyl carboxylic acids and carboxylic anhydrides under redox-neutral conditions. Organic and Biomolecular Chemistry, 2022, 20, 2808-2812.	2.8	6
3	Rhodium-catalyzed C6-Selective Alkoxycarbonylation of Pyridones. Chemistry Letters, 2022, 51, 775-777.	1.3	2
4	Rhodiumâ€Catalyzed Additiveâ€Free Câˆ’H Ethoxycarbonylation of (Hetero)Arenes with Diethyl Dicarbonate as a CO Surrogate. European Journal of Organic Chemistry, 2021, 2021, 4938-4942.	2.4	8
5	Copperâ€Catalyzed Enantioselective Reductive Aldol Reaction of Î±,Î²â€Unsaturated Carboxylic Acids to Alkyl Aryl Ketones: Silanes as Activator and Transient Protecting Group. Chemistry - A European Journal, 2021, , .	3.3	3
6	Dealkoxylation of N-alkoxyamides without an external reductant driven by Pd/Al cooperative catalysis. Organic and Biomolecular Chemistry, 2020, 18, 7545-7548.	2.8	2
7	Ruthenium-catalysed cyclisation reactions of 1,11-dien-6-ynes leading to biindenes. Organic and Biomolecular Chemistry, 2020, 18, 1760-1764.	2.8	0
8	Rhodium(I)â€Catalyzed Arylative Annulation of Î²â€Alkynyl Ketones for Preparation of Fused Aromatics. European Journal of Organic Chemistry, 2020, 2020, 306-310.	2.4	4
9	Synthesis of unsymmetrical benzils via palladium-catalysed Î±-arylationâ€“oxidation of 2-hydroxyacetophenones with aryl bromides. Organic and Biomolecular Chemistry, 2020, 18, 3679-3683.	2.8	10
10	Synthesis of trisubstituted 1,3-oxazin-6-ones via base-catalyzed ring-opening annulation of cyclopropenones with N-(pivaloyloxy)amides. Tetrahedron Letters, 2018, 59, 1458-1460.	1.4	6
11	Palladium-Catalyzed Ring-Opening Coupling of Cyclobutenols with Aryl Halides. Synlett, 2018, 29, 754-758.	1.8	7
12	Silver-catalyzed ring-opening [3+2] annulation of cyclopropenones with amides. New Journal of Chemistry, 2018, 42, 19178-19182.	2.8	20
13	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
14	Synthesis of indole-fused heteroacenes by cascade cyclisation involving rhodium(<scp>ii</scp>)-catalysed intramolecular Câ€“H amination. Organic and Biomolecular Chemistry, 2018, 16, 6703-6707.	2.8	17
15	Formation of six-membered rings via alkyne insertion into four-membered rings. AIP Conference Proceedings, 2017, , .	0.4	1
16	Rh-catalyzed Carbonylation of (2-Pyridylmethylene)cyclobutanes. Chemistry Letters, 2017, 46, 1721-1723.	1.3	4
17	Rhodiumâ€Catalyzed Cycloisomerization of 2â€Alkynylâ€Nâ€²â€arylidenebenzohydrazides through exoâ€Carboamination. Asian Journal of Organic Chemistry, 2016, 5, 891-894.	2.7	5
18	Rhodium(i)-catalysed intermolecular alkyne insertion into (2-pyridylmethylene)cyclobutenes. Organic and Biomolecular Chemistry, 2016, 14, 5023-5027.	2.8	19

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19	Rhodium(<scp>i</scp>)-catalysed skeletal reorganisation of benzofused spiro[3.3]heptanes via consecutive carbonâ€“carbon bond cleavage. Organic and Biomolecular Chemistry, 2016, 14, 7024-7027.	2.8	8
20	Rutheniumâ€Catalyzed Cycloisomerization of 2,2â€²â€Diethynylâ€•biphenyls Involving Cleavage of a Carbonâ€“Carbon Triple Bond. Chemistry - A European Journal, 2016, 22, 1941-1943.	3.3	30
21	Synthesis of 2-acyl-1-naphthols by gold-catalyzed oxidative cyclization of 2-alkenylphenyl alkynyl ketones. Tetrahedron, 2015, 71, 869-874.	1.9	17
22	Rhodium-Catalyzed Additionâ€“Spirocyclization of Arylboronic Esters Containing Î²-Aryl Î±,Î²-Unsaturated Ester Moiety. Synlett, 2015, 26, 1233-1237.	1.8	11
23	A rhodium(<scp>i</scp>)-catalysed formal intramolecular Câ€“C/Câ€“H bond metathesis. Chemical Communications, 2015, 51, 7393-7396.	4.1	51
24	Rhodium(III)â€Catalyzed [2+2+2] Cyclotrimerization of Diynes with Maleic Anhydrides as Alkyne Equivalents. European Journal of Organic Chemistry, 2015, 2015, 3032-3035.	2.4	10
25	Oxidative cyclization of dialdehydes with alcohols and 1,3-dicarbonyl compounds under Rh(III)/Cu(II) conditions. Tetrahedron, 2015, 71, 9264-9270.	1.9	10
26	Rhodium-catalysed arylative annulation of 1,4-enynes with arylboronic acids. Organic and Biomolecular Chemistry, 2015, 13, 702-705.	2.8	22
27	Rhodium(III)-catalyzed synthesis of indoles from 1-alkylidene-2-arylhydrazines and alkynes via Câ€“H and Nâ€“N bond cleavages. Tetrahedron Letters, 2014, 55, 3302-3304.	1.4	31
28	Rhodium-catalyzed arylation of acylsilanes with sodium tetraarylborates. Journal of Organometallic Chemistry, 2014, 765, 64-67.	1.8	7
29	Rhodium(<scp>iii</scp>)-catalysed decarbonylative coupling of maleic anhydrides with alkynes. RSC Advances, 2014, 4, 37138-37141.	3.6	15
30	Gold(I)-Catalyzed Ring-Expanding Spiroannulation of Cyclopropenones with Enynes. Journal of Organic Chemistry, 2014, 79, 2739-2745.	3.2	39
31	Rhodiumâ€Catalyzed Crossâ€Coupling of Alkenyl Halides with Arylboron Compounds. Advanced Synthesis and Catalysis, 2013, 355, 3396-3400.	4.3	16
32	Synthesis of Dibenzoheteropines of Group 13â€“16 Elements via Ring-Closing Metathesis. Journal of Organic Chemistry, 2013, 78, 3329-3335.	3.2	37
33	Synthesis of phthalazinones via palladium(ii)-catalysed intramolecular oxidative Câ€“H/Câ€“H cross-coupling of Nâ€²-methylenebenzohydrazides. Organic and Biomolecular Chemistry, 2013, 11, 2084.	2.8	13
34	Synthesis of tetrasubstituted benzenes via rhodium(i)-catalysed ring-opening benzannulation of cyclobutenols with alkynes. Organic and Biomolecular Chemistry, 2013, 11, 3424.	2.8	45
35	Azulenophenanthrenes from 2,2â€²â€Di(arylethynyl)biphenyls through Cï£¿C Bond Cleavage of a Benzene Ring. Angewandte Chemie - International Edition, 2013, 52, 6492-6495.	13.8	22
36	Palladiumâ€Catalyzed Ringâ€Opening Alkynylation of Cyclopropenones. European Journal of Organic Chemistry, 2013, 2013, 4219-4222.	2.4	32

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37	Azulenophenanthrenes from 2,2â€²â€Ði(arylethynyl)biphenyls through Cï£¿C Bond Cleavage of a Benzene Ring. Angewandte Chemie, 2013, 125, 6620-6623.	2.0	10
38	Rhodium-catalysed intramolecular trans-bis-silylation of alkynes to synthesise 3-silyl-1-benzosiloles. Organic and Biomolecular Chemistry, 2012, 10, 3175.	2.8	42
39	Double 1,4-rhodium migration cascade in rhodium-catalysed arylative ring-opening/spirocyclisation of (3-arylcyclobutylidene)acetates. Chemical Communications, 2012, 48, 2988.	4.1	62
40	Gold-catalysed alkenyl- and arylsilylation reactions forming 1-silaindenes. Chemical Communications, 2011, 47, 8697.	4.1	30
41	Palladium-Catalyzed Hydrometalation and Bismetalation of Biphenylene. Organometallics, 2011, 30, 3923-3925.	2.3	43
42	Metal-catalysed cleavage of carbonâ€“carbon bonds. Chemical Communications, 2011, 47, 1100-1105.	4.1	470
43	Synthesis of Pyrenes by Twofold Hydroarylation of 2,6-Dialkynylbiphenyls. Chemistry Letters, 2011, 40, 40-41.	1.3	36
44	Homocoupling of arylboronic acids catalyzed by simple gold salts. Tetrahedron Letters, 2011, 52, 4779-4781.	1.4	34
45	Rhodiumâ€Catalyzed Double 1,4â€Addition of Arylboronic Acids to Î²â€Aryloxyacrylates Involving Î²â€Oxygen Elimination. Advanced Synthesis and Catalysis, 2011, 353, 1923-1926.	4.3	21
46	Synthesis of Siloles via Rhodium-Catalyzed Cyclization of Alkynes and Diynes with Hexamethyldisilane. Synlett, 2011, 2011, 813-816.	1.8	22
47	Hydrosilylation-Metathesis Sequence Leading to 1-Silaindenes. Synlett, 2010, 2010, 2743-2746.	1.8	15
48	Ruthenium-Catalyzed trans-Hydrogermylation of Alkynes: Formation of 2,5-Disubstituted Germoles through Double trans-Hydrogermylation of 1,3-Diynes. Organic Letters, 2010, 12, 1056-1058.	4.6	75
49	Palladium-Catalyzed Sequential Carbonâ^'Carbon Bond Cleavage/Formation Producing Arylated Benzolactones. Organic Letters, 2008, 10, 5219-5221.	4.6	72
50	Gold-catalysed intramolecular trans-allylsilylation of alkynes forming 3-allyl-1-silaindenes. Chemical Communications, 2008, , 2744.	4.1	60
51	Synthesis of Silole Skeletons via Metathesis Reactions. Synlett, 2008, 2008, 561-564.	1.8	5
52	Rhodium-catalyzed Reactions of Cyclobutanones with Alcohols and Amines Forming Esters and Amides. Chemistry Letters, 2007, 36, 744-745.	1.3	30
53	Ruthenium-catalysed double trans-hydrosilylation of 1,4-diarylbuta-1,3-diynes leading to 2,5-diarylsiloles. Chemical Communications, 2007, , 2627.	4.1	74
54	Synthesis of Silafluorenes by Iridium-Catalyzed [2 + 2 + 2] Cycloaddition of Silicon-Bridged Diynes with Alkynes. Organic Letters, 2007, 9, 133-136.	4.6	124

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55	Asymmetric Synthesis of 3,4-Dihydrocoumarins by Rhodium-Catalyzed Reaction of 3-(2-Hydroxyphenyl)cyclobutanones. Journal of the American Chemical Society, 2007, 129, 12086-12087.	13.7	243
56	Rhodium-Catalyzed Carbonylation of Spiropentanes. Journal of the American Chemical Society, 2007, 129, 12596-12597.	13.7	83
57	Enantioselective Câ^'C Bond Cleavage Creating Chiral Quaternary Carbon Centers. Organic Letters, 2006, 8, 3379-3381.	4.6	144
58	Eight-Membered Ring Construction by [4 + 2 + 2] Annulation Involving Î²-Carbon Elimination. Journal of the American Chemical Society, 2006, 128, 2166-2167.	13.7	172
59	Activation of a Cyclobutanone Carbonâ€"Carbon Bond over an Aldehyde Carbonâ€"Hydrogen Bond in the Rhodium-catalyzed Decarbonylation. Chemistry Letters, 2006, 35, 288-289.	1.3	48
60	Construction of Carbon Frameworks through Î²-Carbon Elimination Mediated by Transition Metals. Bulletin of the Chemical Society of Japan, 2006, 79, 1315-1321.	3.2	107
61	Torque control by metal-orbital interactions. Pure and Applied Chemistry, 2006, 78, 415-423.	1.9	13
62	Two-carbon ring expansion of cyclobutanone skeletons by nickel-catalyzed intermolecular alkyne insertion. Tetrahedron, 2006, 62, 7540-7546.	1.9	42
63	Synthesis of 3-Acyl-4-alkenylpyrrolidines by Platinum-Catalyzed Hydrative Cyclization of Allenynes. Helvetica Chimica Acta, 2006, 89, 1672-1680.	1.6	31
64	A Direct Entry to Bicyclic Cyclobutenes via Platinum-Catalyzed ÂCycloisomerization of Allenynes. Synlett, 2006, 2006, 0575-0578.	1.8	5
65	Catalytic Functionalization of Unactivated sp3 C-H Bonds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2006, 64, 780-781.	0.1	2
66	Addition/Ring-Opening Reaction of Organoboronic Acids to Cyclobutanones Catalyzed by Rhodium(I)/P(t-Bu)3Complex. Bulletin of the Chemical Society of Japan, 2005, 78, 1528-1533.	3.2	47
67	Synthesis of 1H-Inden-1-ol Derivatives via Rhodium-catalyzed Annulation ofo-Acylphenylboronic Acids with Alkynes. Chemistry Letters, 2005, 34, 1416-1417.	1.3	56
68	Synthesis of Seven-Membered-Ring Ketones by Arylative Ring Expansion of Alkyne-Substituted Cyclobutanones. Angewandte Chemie - International Edition, 2005, 44, 4608-4611.	13.8	96
69	Cycloadditions of Allenes. ChemInform, 2005, 36, no.	0.0	0
70	Nickel-Catalyzed Intermolecular Alkyne Insertion into Cyclobutanones.. ChemInform, 2005, 36, no.	0.0	0
71	Acids Direct 2-Styrylcyclobutanone into Two Distinctly Different Reaction Pathways.. ChemInform, 2005, 36, no.	0.0	0
72	Synthesis of Seven-Membered-Ring Ketones by Arylative Ring Expansion of Alkyne-Substituted Cyclobutanones.. ChemInform, 2005, 36, no.	0.0	0

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73	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
74	Molybdenum-Catalyzed Ring-Closing Metathesis of Allenynes.. ChemInform, 2005, 36, no.	0.0	0
75	Contrasteric Stereochemical Dictation of the Cyclobutene Ring-Opening Reaction by a Vacant Boron p Orbital. Journal of the American Chemical Society, 2005, 127, 1366-1367.	13.7	48
76	Acids Direct 2-Styrylcyclobutanone into Two Distinctly Different Reaction Pathways. Organic Letters, 2005, 7, 2059-2061.	4.6	29
77	Nickel-Catalyzed Intermolecular Alkyne Insertion into Cyclobutanones. Journal of the American Chemical Society, 2005, 127, 6932-6933.	13.7	189
78	Molybdenum-Catalyzed Ring-Closing Metathesis of Allenynes. Organic Letters, 2005, 7, 3953-3956.	4.6	49
79	Rhodium-Catalyzed Addition/Ring-Opening Reaction of Arylboronic Acids with Cyclobutanones.. ChemInform, 2004, 35, no.	0.0	0
80	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
81	Eight-Membered Ring Formation via Olefin Insertion into a Carbonâ€"Carbon Single Bond.. ChemInform, 2004, 35, no.	0.0	0
82	Rhodium-Catalyzed Addition/Ring-Opening Reaction of Arylboronic Acids with Cyclobutanones. Organic Letters, 2004, 6, 1257-1259.	4.6	105
83	Dramatic Effects of Boryl Substituents on Thermal Ring-Closing Reaction of Vinylallenes. Journal of the American Chemical Society, 2004, 126, 10838-10839.	13.7	37
84	Eight-membered Ring Formation via Olefin Insertion into a Carbonâ€"Carbon Single Bond. Chemistry Letters, 2004, 33, 876-877.	1.3	57
85	Nickel-Catalyzed Silaboration of Small-Ring Vinylcycloalkanes:Â Regio- and Stereoselective (E)-Allylsilane Formation via Câ^'C Bond Cleavage. Organometallics, 2002, 21, 1537-1539.	2.3	54
86	Convenient Preparation of Silylboranes. Organometallics, 2000, 19, 4647-4649.	2.3	187
87	Palladium- and Platinum-Catalyzed Silaboration of Methylenecyclopropanes through Selective Proximal or Distal Câ^'C Bond Cleavage. Journal of the American Chemical Society, 2000, 122, 11015-11016.	13.7	152
88	Regio- and stereoselective synthesis of (Z)-Î²-silylalkenylboranes by silaboration of alkynes catalyzed by palladium and platinum complexes. Tetrahedron, 1999, 55, 8787-8800.	1.9	90
89	Stereoselective 1,4-Silaboration of 1,3-Dienes Catalyzed by Nickel Complexes. Organic Letters, 1999, 1, 1567-1569.	4.6	69
90	Nickel-Catalyzed Silaborative Dimerization of Alkynes. Organometallics, 1998, 17, 5233-5235.	2.3	106

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91	Platinum-Catalyzed Silaborative Coupling of 1,3-Dienes to Aldehydes:Â Regio- and Stereoselective Allylation with Dienes through Allylic Platinum Intermediates. Journal of the American Chemical Society, 1998, 120, 4248-4249.	13.7	76