

# Youichi Ishii

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Experimental Observation of $\hat{I}^2$ -Carbon Elimination from Alkenylrhodium Complexes through Exchange Reactions of the Alkenyl Unit. <i>Organometallics</i> , 2022, 41, 182-186.	2.3	3
2	Weakly Bound Dimer of a Diaryloxygermylene Derived from a tBuPh <sub>2</sub> Si-Substituted 2,2- $\hat{A}^2$ -Methylenediphenol. <i>Crystals</i> , 2022, 12, 605.	2.2	1
3	A new strategy for hyperconjugative antiaromatic compounds utilizing negative charges: a dibenzo[b,f]silepinyl dianion. <i>Chemical Communications</i> , 2021, 57, 11330-11333.	4.1	1
4	Selective Double CH Activation at a Methylene Carbon in Methylenediphenol Derivatives to Generate Carbene-Bridged Dinuclear Iridium Complexes. <i>Organometallics</i> , 2020, 39, 4500-4509.	2.3	8
5	Synthesis and structures of diaryloxystannylenes and -plumbylenes embedded in 1,3-diethers of thiacalix[4]arene. <i>Dalton Transactions</i> , 2020, 49, 12234-12241.	3.3	12
6	Ruthenium Vinylidene Complexes Generated by Selective 1,2-Migration of P- and S-Substituents: Synthesis, Structures, and Dichromism Arising from an Intramolecular CH $\hat{A}$ - $\hat{A}$ -O Hydrogen Bond. <i>Organometallics</i> , 2020, 39, 711-718.	2.3	8
7	A Tin Analogue of the Cycloheptatrienyl Anion: Synthesis, Structure, and Further Reduction to Form a Dianionic Species. <i>Organometallics</i> , 2020, 39, 640-644.	2.3	4
8	Direct Formation of Disubstituted Vinylidenes from Internal Alkynes at Group 8 Metal Complexes and its Application to Organic Synthesis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2020, 78, 691-702.	0.1	1
9	Interphase synergistic effects of dynamic bonds in multiphase thermoplastic elastomers. <i>Journal of Materials Chemistry A</i> , 2019, 7, 21195-21206.	10.3	16
10	Synthesis of Phosphaphenalenium Salts via P $\hat{A}$ -C Reductive Elimination at a Ru(II) Center and Their Fluorescence Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 1131-1141.	3.2	10
11	Molybdenum-Mediated Vinylidene Rearrangement of Internal Acylalkynes and Sulfonylalkynes. <i>Organometallics</i> , 2019, 38, 1560-1566.	2.3	12
12	P $\hat{A}$ -C reductive elimination in Ru( $\langle scp \rangle ii \langle /scp \rangle$ ) complexes to convert triarylphosphine ligands into five- or six-membered phosphacycles. <i>Chemical Communications</i> , 2018, 54, 5357-5360.	4.1	17
13	Activation of a Carbon $\hat{A}$ -Carbon Bond in Internal Alkynes: Vinylidene Rearrangement of Disubstituted Alkynes at an Ir Complex. <i>Synlett</i> , 2018, 29, 727-730.	1.8	17
14	Dinuclear Nickel Complexes Doubly Bridged by Hydrogencyanamido Ligands: Synthesis, Structures and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3413-3417.	2.0	1
15	Visible-Light-Sensitive Sulfonium Photoacid Generators Bearing a Ferrocenyl Chromophore. <i>Organometallics</i> , 2018, 37, 1649-1651.	2.3	9
16	Reductive Formation of a Vanadium(IV/V) Oxide Cluster Complex [V <sub>8</sub> O <sub>19</sub> (4,4- $\hat{A}^2$ - $\langle i \rangle t \langle /i \rangle \langle /sup \rangle$ Bubpy) <sub>3</sub> ] Having a $\langle i \rangle C \langle /i \rangle \langle /sub \rangle 3 \langle /sub \rangle$ -Symmetric Propeller-Shaped Nonionic V <sub>8</sub> O <sub>19</sub> Core. <i>Inorganic Chemistry</i> , 2018, 57, 7491-7494.	4.0	13
17	Ring Slippage and Dissociation of Pentamethylcyclopentadienyl Ligand in an ( $\hat{i} \langle /sup \rangle 5 \langle /sup \rangle$ -Cp*)Ir Complex with a $\hat{I} \langle /sup \rangle 3 \langle /sup \rangle$ - $\langle i \rangle O \langle /i \rangle$ , $\langle i \rangle C \langle /i \rangle$ , $\langle i \rangle O \langle /i \rangle$ Tridentate Calix[4]arene Ligand under Mild Conditions. <i>Organometallics</i> , 2018, 37, 1829-1832.	2.3	13
18	A ruthenium tellurocarbonyl (CTe) complex with a cyclopentadienyl ligand: systematic studies of a series of chalcogenocarbonyl complexes [CpRuCl(CE)(H <sub>2</sub> IMes)] (E = O, S, Se, Te). <i>Dalton Transactions</i> , 2017, 46, 44-48.	3.3	17

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19	Direct transformation of 2-acetylpyridine oxime esters into $\hat{\text{I}}\pm$ -oxygenated imines in an Ir( $\text{Cp}^*\text{Ir}(\text{Cp}^*)$ ) complex. Dalton Transactions, 2017, 46, 12032-12035.	3.3	2
20	Synthesis and Interconversion of $\text{V}_{4\text{O}_{17}}(\text{OR})_4$ , $\text{V}_7\text{O}_{17}$ , and $\text{V}_8\text{O}_{20}$ Oxide Clusters: Unexpected Formation of Neutral Heptanuclear Oxido(alkoxido)vanadium(V) Clusters [ $\text{V}_7\text{O}_{17}(\text{OR})_4$ ( $\text{R} = \text{Et}$ ), $\text{Tj}(\text{Cp}^*\text{Ir}(\text{Cp}^*))_3$ ] ( $\text{R} = \text{Et}$ ), $\text{Tj}(\text{Cp}^*\text{Ir}(\text{Cp}^*))_3$ / Overlock 10 Tf 5	4.0	13
21	Remote rearrangement of the metal center in a ( $\hat{\text{I}}$ -6-C6Me6)Ru(ii) complex. Chemical Communications, 2015, 51, 4981-4984.	4.1	11
22	Theoretical Study on Internal Alkyne/Vinylidene Isomerization in Group 8 Transition-Metal Complexes. Organometallics, 2015, 34, 3934-3943.	2.3	26
23	Competition between vinylidene rearrangement and 1,2-insertion of carbon-disubstituted internal alkynes at a $\text{Cp}^*\text{Ir}(\text{Cp}^*)$ complex. Dalton Transactions, 2015, 44, 17448-17452.	3.3	33
24	A Novel Octanuclear Vanadium(V) Oxide Cluster Complex Having an Unprecedented Neutral $\text{V}_8\text{O}_{20}$ Core Functionalized with 4,4'-di- <i>tert</i> -butyl-2,2'-bipyridine. Inorganic Chemistry, 2014, 53, 2754-2756.	4.0	22
25	Reversibility of 1,4-Metal Migration in $\text{Cp}^*\text{Rh}(\text{Cp}^*)$ and $\text{Cp}^*\text{Ir}(\text{Cp}^*)$ Complexes. Organometallics, 2014, 33, 2142-2145.	2.3	32
26	Reactivities of Indenylruthenium Complex toward Internal Alkynes: Formation of Disubstituted Vinylidene Complexes and Indenyl-Alkyne Coupling. Organometallics, 2013, 32, 4353-4358.	2.3	33
27	DFT Study of Internal Alkyne-to-Disubstituted Vinylidene Isomerization in $[\text{CpRu}(\text{PhC}(\text{Ar})(\text{dppe}))]^+$ . Journal of the American Chemical Society, 2012, 134, 17746-17756.	13.7	55
28	Formation of (Alkenylphosphonio)phenylruthenium Complexes from Diphenylacetylene and a $[\text{CpRu}(\text{dppm})]$ Cation: Experimental Evidence for the Equilibrium between $\hat{\text{I}}$ -Disubstituted Vinylidene and $\hat{\text{I}}$ -Internal Alkyne. Organometallics, 2012, 31, 5150-5158.	2.3	27
29	Reversibility of Disubstituted Vinylidene-Internal Alkyne Isomerization at Cationic Ruthenium and Iron Complexes. Organometallics, 2011, 30, 204-207.	2.3	49
30	Synthesis and Skeletal Transformation of Cyanamido(2 $\pi$ )- and Cyanamido(1 $\pi$ )-Bridged Ruthenium Complexes with Hexamethylbenzene Ligands. Chemistry Letters, 2011, 40, 1167-1169.	1.3	2
31	Core Expansion Reactions of Cyanamido/Carbodiimido-Bridged Polynuclear Iridium Complexes. Inorganic Chemistry, 2009, 48, 773-780.	4.0	8
32	Internal Alkyne-to-vinylidene Isomerization at Cationic Ruthenium and Iron Complexes. Chemistry Letters, 2009, 38, 534-535.	1.3	55
33	Formation of Vinylidenes from Internal Alkynes at a Cyclotriphosphato Ruthenium Complex. Journal of the American Chemical Society, 2008, 130, 16856-16857.	13.7	72
34	Synthesis and reactivities of a bis(cyanamido)-capped triruthenium complex. Dalton Transactions, 2007, , 4701.	3.3	10
35	Syntheses and properties of NCN-bridged tri- and tetranuclear complexes of cobalt and rhodium. Journal of Organometallic Chemistry, 2007, 692, 208-216.	1.8	6
36	Two Approaches to Multimetallic Catalysis: Combined Use of Metal Complexes and Multinuclear Complex Catalysts. , 2005, , 201-223.		4

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37	A Cyanamido-Bridged Iridium Complex: A Reactive Building Block for Polynuclear Cyanamido Complexes. <i>Organometallics</i> , 2005, 24, 2251-2254.	2.3	24
38	Stepwise Construction of a Re <sup>+</sup> Pd Heterodinuclear Core Inside the Cavity of p-tBu-Calix[4]arene. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3658-3660.	13.8	19
39	Syntheses, structures and solution behaviour of cyclotriphosphato complexes of Pd(II), Pt(II) and Pt(IV). <i>Dalton Transactions</i> , 2003, , 2666.	3.3	9
40	Site-selective and stepwise complexation of two M(cod) <sup>+</sup> (M = Rh, Ir) fragments with calix[4]arene. Electronic supplementary information (ESI) available: experimental section. Fig. S1: structure of one of the independent molecules of 4. See <a href="http://www.rsc.org/suppdata/cc/b2/b201992m/">http://www.rsc.org/suppdata/cc/b2/b201992m/</a> . <i>Chemical Communications</i> , 2002, , 1150-1151.	4.1	15
41	Coordination behaviour of (diaryl disulfide)-bridged dinuclear thiridaindan cores: ligand substitution by isocyanides, CO, hydrazines and hydroxylamine, and related reactions. <i>Dalton Transactions RSC</i> , 2002, , 2737.	2.3	13
42	Syntheses and Skeletal Transformations of NCNH- and NCN-Bridged Tetrairidium(III) Cages. <i>Journal of the American Chemical Society</i> , 2002, 124, 6528-6529.	13.7	31
43	A Ti <sub>2</sub> Ru <sub>2</sub> Pd <sub>2</sub> Oxo <sup>2+</sup> Sulfido Cluster Synthesized by Linking Two Rationally Preorganized TiRuPdS <sub>2</sub> Heterotrimetallic Units with an Oxo Ligand: Its Reaction with an Alkyne. <i>Journal of the American Chemical Society</i> , 2001, 123, 3826-3827.	13.7	27
44	Synthesis, Structure, and Reactivities of the Five-Coordinate Molybdenum(0) Mono(acetylene) Complex [Mo(HC≡CH)(dppe) <sub>2</sub> ]. <i>Organometallics</i> , 2001, 20, 13-15.	2.3	31
45	Ruthenium-catalysed asymmetric hydrosilylation of ketoximes using chiral oxazolanylferrocenylphosphines. <i>Chemical Communications</i> , 2001, , 2360-2361.	4.1	47
46	Reactions of cationic dirhodium and diiridium complexes [Cp <sup>*</sup> M(1/4-Cl)(1/4-SPri) <sub>2</sub> MCp <sup>*</sup> ][OTf] (M=Rh, Ir) with terminal alkynes. Comparison with the diruthenium system. <i>Journal of Organometallic Chemistry</i> , 2000, 599, 221-231.	1.8	18
47	Sulfido-Bridged Titanium-Iridium Heterobimetallic Complexes Derived from an Iridium Hydrosulfido Complex. <i>Organometallics</i> , 2000, 19, 4176-4178.	2.3	23
48	A New Vitamin E (±-Tocomenol) from Eggs of the Pacific Salmon <i>Oncorhynchus keta</i> . <i>Journal of Natural Products</i> , 1999, 62, 1685-1687.	3.0	56
49	Synthesis and Reactivities of Cationic Diruthenium Complexes with Terminal Vinylidene Ligands. Hydration and Novel Cyclization of Acetylenes on the Diruthenium Center. <i>Organometallics</i> , 1997, 16, 4445-4452.	2.3	37
50	Ein neuer Katalysator mit einem w <sup>1/4</sup> rfelf <sup>1/4</sup> rmigen PdMo <sub>3</sub> S <sub>4</sub> -Cluster für die Cyclisierung von Alkincarbonsäuren zu Enol <sup>1/4</sup> actonen. <i>Angewandte Chemie</i> , 1996, 108, 2268-2269.	2.0	17
51	Cyclocarbonylation Catalyzed by Palladium Complexes.. Yuki Gosei <i>Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1991, 49, 909-918.	0.1	12
52	Intramolecular Acylpalladation: Intramolecular Acylpalladation with Arenes. , 0, , 2553-2558.		1