Keishi Yamamoto

List of Publications by Year
in descending order

20 papers	697 citations	840776 11 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	816 citing authors

#	ARTICLE	IF	CITATIONS
1	C_{Î²}â€“C_{Î²} Bond Fission of Metallacyclopentadiene over a Low-Valent Ditantalum Scaffold. Organometallics, 2019, 38, 722-729.	2.3	5
2	Metal alkyls programmed to generate metal alkylidenes by Î±-H abstraction: prognosis from NMR chemical shift. Chemical Science, 2018, 9, 1912-1918.	7.4	47
3	Silica-supported isolated molybdenum di-oxo species: formation and activation with organosilicon agent for olefin metathesis. Chemical Communications, 2018, 54, 3989-3992.	4.1	28
4	Bridging the Gap between Industrial and Wellâ€Defined Supported Catalysts. Angewandte Chemie - International Edition, 2018, 57, 6398-6440.	13.8	193
5	Eine BrÃ¼cke zwischen industriellen und wohldefinierten TrÃgerkatalysatoren. Angewandte Chemie, 2018, 130, 6506-6551.	2.0	39
6	Activation of O2by Organosilicon Reagents Yields Quantitative Amounts of H2O2or (Me3Si)2O2for Efficient O-Transfer Reactions. Helvetica Chimica Acta, 2018, 101, e1800156.	1.6	9
7	Electronic Structureâ€“Reactivity Relationship on Ruthenium Step-Edge Sites from Carbonyl 13C Chemical Shift Analysis. Journal of Physical Chemistry Letters, 2018, 9, 3348-3353.	4.6	9
8	NMR chemical shift analysis decodes olefin oligo- and polymerization activity of d ⁰ group 4 metal complexes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5867-E5876.	7.1	40
9	Orbital Analysis of Carbonâ€13 Chemical Shift Tensors Reveals Patterns to Distinguish Fischer and Schrock Carbenes. Angewandte Chemie - International Edition, 2017, 56, 10127-10131.	13.8	57
10	Orbital Analysis of Carbonâ€13 Chemical Shift Tensors Reveals Patterns to Distinguish Fischer and Schrock Carbenes. Angewandte Chemie, 2017, 129, 10261-10265.	2.0	13
11	Metathesis Activity Encoded in the Metallacyclobutane Carbon-13 NMR Chemical Shift Tensors. ACS Central Science, 2017, 3, 759-768.	11.3	84
12	Tantallacyclopentadiene as a unique metal-containing diene ligand coordinated to nickel for preparing tantalumâ€“nickel heterobimetallic complexes. Dalton Transactions, 2017, 46, 13043-13054.	3.3	6
13	Synthesis and Reactions of Ditantalumâ€”Allyl Complexes Derived from Intramolecular Câ€“H Bond Activation of the Methylene of the Ethyl Group Bound to Ditantallacyclopentadiene. Organometallics, 2016, 35, 2384-2390.	2.3	8
14	Alkyne-Induced Facile Câ€“C Bond Formation of Two Î·²-Alkynes on Dinuclear Tantalum Bis(alkyne) Complexes To Give Dinuclear Tantalacyclopentadienes. Organometallics, 2016, 35, 1573-1581.	2.3	20
15	Mechanistic understanding of alkyne cyclotrimerization on mononuclear and dinuclear scaffolds: [4 + 2] cycloaddition of the third alkyne onto metallacyclopentadienes and dimetallacyclopentadienes. Dalton Transactions, 2016, 45, 17072-17081.	3.3	59
16	Synthesis and Characterization of Heterobimetallic Tantalumâ€“Rhodium and Tantalumâ€“Iridium Complexes Connected by a Tantalacyclopentadiene Fragment. Helvetica Chimica Acta, 2016, 99, 848-858.	1.6	15
17	Reversible Transformation between Alkylidene, Alkylidyne, and Vinylidene Ligands in High-Valent Bis(phenolate) Tungsten Complexes. Organometallics, 2016, 35, 932-935.	2.3	10
18	Direct Evidence for a [4+2] Cycloaddition Mechanism of Alkynes to Tantallacyclopentadiene on Dinuclear Tantalum Complexes as a Model of Alkyne Cyclotrimerization. Chemistry - A European Journal, 2015, 21, 11369-11377.	3.3	44

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19	Non-bridged half-metallocene complexes of group 4â€“6 metals with chelating ligands as well-defined catalysts for Î±-olefin polymerization. Polymer Journal, 2015, 47, 2-17.	2.7	8
20	Modeling on Hydrogen Absorption in Tetrahydrofuran Hydrate. Journal of Chemical Engineering of Japan, 2012, 45, 444-451.	0.6	3