

Michael K Takase

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,101
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430843

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1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for in Situ Catalyst Modification during the Pd-Catalyzed Conversion of Aryl Triflates to Aryl Fluorides. <i>Journal of the American Chemical Society</i> , 2011, 133, 18106-18109.	13.7	142
2	Cleavage of dinitrogen to yield a (t-BuPOCOP)molybdenum(IV) nitride. <i>Chemical Communications</i> , 2012, 48, 1851.	4.1	142
3	Experimental and Computational Studies of the Reaction of Carbon Dioxide with Pincer-Supported Nickel and Palladium Hydrides. <i>Organometallics</i> , 2012, 31, 8225-8236.	2.3	130
4	η^5 -Selective Olefin Metathesis Reactions Promoted by Tungsten Oxo Alkylidene Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 20754-20757.	13.7	125
5	Room-Temperature η^5 -Selective Homocoupling of η^2 -Olefins by Tungsten Catalysts. <i>Organometallics</i> , 2011, 30, 1780-1782.	2.3	93
6	Actinide Metallocene Hydride Chemistry: C-H Activation in Tetramethylcyclopentadienyl Ligands to Form $[\eta^5\text{-C}_5\text{Me}_3\text{H}(\text{CH}_2)_2\text{-}\eta^5\text{C}]^+ \text{U}^{2+}$ Tuck-over Ligands in a Tetrathorium Octahydride Complex. <i>Organometallics</i> , 2013, 32, 6522-6531.	2.3	61
7	Click-Synthesis of Heteroleptic Tris-Cyclometalated Iridium(III) Complexes: Cu(I) Triazolide Intermediates as Transmetalating Reagents. <i>Inorganic Chemistry</i> , 2011, 50, 7598-7609.	4.0	51
8	Simple Molybdenum(IV) Olefin Complexes of the Type Mo(NR)(X)(Y)(olefin). <i>Organometallics</i> , 2010, 29, 6816-6828.	2.3	46
9	Reductive Reactivity of the Tetravalent Uranium Complex $[(\eta^5\text{-C}_5\text{Me}_5)(\eta^8\text{-C}_8\text{H}_8\text{H}_8)\text{U}]_2(\eta^4\text{-C}_8\text{H}_8)$. <i>Organometallics</i> , 2009, 28, 236-243.	2.3	35
10	Synthesis and Insertion Chemistry of Monoalkyl and Monoaryl Uranium(IV) Heteroleptic Metallocene Complexes. <i>Organometallics</i> , 2009, 28, 5802-5808.	2.3	34
11	Synthesis and Insertion Chemistry of a Cyclooctatetraenyl Uranium η^5 -Tuck-in-Metallocene, $(\eta^8\text{-C}_8\text{H}_8)(\eta^5\text{-C}_5\text{H}_4\text{CH}_2)(\eta^5\text{-C}_5\text{Me}_4\text{CH}_2)\text{U}(\eta^8\text{-C}_8\text{H}_8)$. <i>Organometallics</i> , 2011, 30, 458-465.	2.3	34
12	Flexible Binding of PNP Pincer Ligands to Monomeric Iron Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 6066-6072.	4.0	32
13	Synthesis of Molybdenum Alkylidene Complexes That Contain the 2,6-Dimesitylphenylimido Ligand. <i>Journal of the American Chemical Society</i> , 2011, 133, 18142-18144.	13.7	29
14	Bipyridine Adducts of Molybdenum Imido Alkylidene and Imido Alkylidyne Complexes. <i>Organometallics</i> , 2012, 31, 4558-4564.	2.3	25
15	Reduction chemistry of the mixed ligand metallocene $[(\text{C}_5\text{Me}_5)(\text{C}_8\text{H}_8)\text{U}]_2(\eta^4\text{-C}_8\text{H}_8)$ with bipyridines. <i>Inorganica Chimica Acta</i> , 2010, 364, 167-171.	2.4	22
16	Mild, Reversible Reaction of Iridium(III) Amido Complexes with Carbon Dioxide. <i>Inorganic Chemistry</i> , 2012, 51, 9683-9693.	4.0	20
17	Preparation of Tungsten-Based Olefin Metathesis Catalysts Supported on Alumina. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1985-1992.	4.3	19
18	The Importance of a Single Methyl Group in Determining the Reaction Chemistry of Pentamethylcyclopentadienyl Cyclooctatetraenyl Uranium Metallocenes. <i>Chemistry - A European Journal</i> , 2011, 17, 4871-4878.	3.3	19

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19	Molybdenum Monoaryloxy Pyrrolide Alkylidene Complexes That Contain Mono-ortho-substituted Phenyl Imido Ligands. <i>Organometallics</i> , 2012, 31, 2388-2394.	2.3	14
20	Syntheses of Variations of Stereogenic-at-Metal Imido Alkylidene Complexes of Molybdenum. <i>Organometallics</i> , 2012, 31, 6336-6343.	2.3	12
21	Catalytic intramolecular hydroamination of aminoallenes using titanium complexes of chiral, tridentate, dianionic imine-diol ligands. <i>Dalton Transactions</i> , 2019, 48, 9603-9616.	3.3	11
22	Tris{2-[(2,6-dimethylphenyl)amino]ethyl}amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3421-o3421.	0.2	2
23	Catalytic intramolecular hydroamination of aminoallenes using titanium and tantalum complexes of sterically encumbered chiral sulfonamides. <i>Dalton Transactions</i> , 2020, 49, 12418-12431.	3.3	2