

Aya Eizawa

List of Publications by Year in descending order

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16
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623574

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809
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#	ARTICLE	IF	CITATIONS
1	Catalytic Reduction of Dinitrogen to Ammonia by Use of Molybdenum π -Nitride Complexes Bearing a Tridentate Triphosphine as Catalysts. <i>Journal of the American Chemical Society</i> , 2015, 137, 5666-5669.	6.6	215
2	Remarkable catalytic activity of dinitrogen-bridged dimolybdenum complexes bearing NHC-based PCP-pincer ligands toward nitrogen fixation. <i>Nature Communications</i> , 2017, 8, 14874.	5.8	198
3	Catalytic Nitrogen Fixation via Direct Cleavage of Nitrogen π -Nitrogen Triple Bond of Molecular Dinitrogen under Ambient Reaction Conditions. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 1111-1118.	2.0	156
4	Catalytic Reduction of Molecular Dinitrogen to Ammonia and Hydrazine Using Vanadium Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9064-9068.	7.2	109
5	Synthesis and reactivity of iron π -dinitrogen complexes bearing anionic methyl- and phenyl-substituted pyrrole-based PNP-type pincer ligands toward catalytic nitrogen fixation. <i>Chemical Communications</i> , 2017, 53, 12040-12043.	2.2	63
6	Preparation and reactivity of iron complexes bearing anionic carbazole-based PNP-type pincer ligands toward catalytic nitrogen fixation. <i>Dalton Transactions</i> , 2018, 47, 1117-1121.	1.6	61
7	Synthesis and Catalytic Activity of Molybdenum π -Nitride Complexes Bearing Pincer Ligands. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1789-1794.	1.0	35
8	Synthesis of Ruthenium Complexes Bearing PCP-Type Pincer Ligands and Their Application to Direct Synthesis of Imines from Amines and Benzyl Alcohol. <i>Organometallics</i> , 2018, 37, 3086-3092.	1.1	33
9	Effect of substituents on molybdenum triiodide complexes bearing PNP-type pincer ligands toward catalytic nitrogen fixation. <i>Dalton Transactions</i> , 2019, 48, 3182-3186.	1.6	33
10	Hydrogenation of Carbon Dioxide with Organic Base by PC ^{II} -P-Ir Catalysts. <i>Organometallics</i> , 2018, 37, 3001-3009.	1.1	29
11	Synthesis and reactivity of titanium- and zirconium-dinitrogen complexes bearing anionic pyrrole-based PNP-type pincer ligands. <i>Dalton Transactions</i> , 2018, 47, 11322-11326.	1.6	28
12	Catalytic Reactivity of Molybdenum π -Trihalide Complexes Bearing PCP π -Type Pincer Ligands. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2091-2096.	1.7	24
13	Catalytic Reduction of Molecular Dinitrogen to Ammonia and Hydrazine Using Vanadium Complexes. <i>Angewandte Chemie</i> , 2018, 130, 9202-9206.	1.6	20
14	Practical Synthesis of a PCP-Type Pincer Ligand and Its Metal Complexes: Synthesis, 2018, 50, 1015-1019.	1.2	16
15	Catalytic Nitrogen Fixation Using Molybdenum π -Dinitrogen Complexes as Catalysts. <i>Topics in Organometallic Chemistry</i> , 2017, , 153-169.	0.7	14
16	Synthesis and Catalytic Reactivity of Bis(molybdenum-trihalide) Complexes Bridged by Ferrocene Skeleton toward Catalytic Nitrogen Fixation. <i>Organometallics</i> , 2019, 38, 2863-2872.	1.1	13