

Kohei Takahashi

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

744
citations

623734

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27
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docs citations

27
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Tandem Isomerization/Hydroformylation/Hydrogenation of Internal Alkenes to <i>n</i> -Alcohols Using Rh/Ru Dual- or Ternary-Catalyst Systems. <i>Journal of the American Chemical Society</i> , 2013, 135, 17393-17400.	13.7	130
2	High-Yielding Tandem Hydroformylation/Hydrogenation of a Terminal Olefin to Produce a Linear Alcohol Using a Rh/Ru Dual Catalyst System. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4488-4490.	13.8	126
3	Tandem Hydroformylation/Hydrogenation of Alkenes to Normal Alcohols Using Rh/Ru Dual Catalyst or Ru Single Component Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 18746-18757.	13.7	112
4	Ruthenium/C ₅ Me ₅ /Bisphosphine- or Bisphosphite-Based Catalysts for <i>normal</i> -Selective Hydroformylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4383-4387.	13.8	57
5	Development of <i>N</i> -Phosphinomethyl-Substituted NHC-Nickel(0) Complexes as Robust Catalysts for Acrylate Salt Synthesis from Ethylene and CO ₂ . <i>Chemistry - A European Journal</i> , 2019, 25, 13504-13508.	3.3	30
6	Supramolecular Photocatalysis by Utilizing the Host-Guest Charge-Transfer Interaction: Visible-Light-Induced Generation of Triplet Anthracenes for [4+2] Cycloaddition Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7403-7408.	13.8	29
7	Dynamic Interconversion between Boroxine Cages Based on Pyridine Ligation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3113-3117.	13.8	25
8	Reactivity of a Ruthenium(0) Complex Bearing a Tetradentate Phosphine Ligand: Applications to Catalytic Acrylate Salt Synthesis from Ethylene and CO ₂ . <i>Organometallics</i> , 2019, 38, 205-209.	2.3	21
9	Self-Assembly of Macrocyclic Boronic Esters Bearing Tellurophene Moieties and Their Guest-Responsive Phosphorescence. <i>Chemistry - A European Journal</i> , 2019, 25, 8479-8483.	3.3	20
10	Ruthenium Catalyzed Hydrogenation of Aldehyde with Synthesis Gas. <i>Organic Letters</i> , 2014, 16, 5846-5849.	4.6	18
11	Fatty Acid Conjugates of Water-Soluble (±)-trans-3,4-Elenolane-3,4-Ediol: Effects of Alkyl Chain Length on the Antioxidant Capacity. <i>ChemBioChem</i> , 2015, 16, 1226-1234.	2.6	15
12	1,2-Dihydro-1,4-dihydroxy-2,3,1-benzodiazaborine Bearing an Acridine Moiety as a Circular Dichroism Probe for Determination of Absolute Configuration of Mono-Alcohols. <i>Chemistry - A European Journal</i> , 2019, 25, 3790-3794.	3.3	14
13	Mechanistic Investigations of the Ruthenium-Catalyzed Synthesis of Acrylate Salt from Ethylene and CO ₂ . <i>Organometallics</i> , 2020, 39, 1561-1572.	2.3	14
14	Utilization of Donor-Acceptor Interactions for the Catalytic Acceleration of Nucleophilic Additions to Aromatic Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2130-2133.	13.8	13
15	Catalytic Synthesis of a Methylmalonate Salt from Ethylene and Carbon Dioxide through Photoinduced Activation and Photoredox-Catalyzed Reduction of Nickelalactones. <i>ACS Catalysis</i> , 2022, 12, 3776-3781.	11.2	13
16	Supramolecular Photocatalysis by Utilizing the Host-Guest Charge-Transfer Interaction: Visible-Light-Induced Generation of Triplet Anthracenes for [4+2] Cycloaddition Reactions. <i>Angewandte Chemie</i> , 2020, 132, 7473-7478.	2.0	11
17	Dynamic Interconversion between Boroxine Cages Based on Pyridine Ligation. <i>Angewandte Chemie</i> , 2018, 130, 3167-3171.	2.0	5
18	Utilization of Donor-Acceptor Interactions for the Catalytic Acceleration of Nucleophilic Additions to Aromatic Carbonyl Compounds. <i>Angewandte Chemie</i> , 2018, 130, 2152-2155.	2.0	5

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19	Reversible C=C Double Bond Cleavage to Form a Metal Carbene and an Alkene Enabled on an Iridium Complex Bearing a Pincer-type Alkoxycarbene Ligand. <i>Organometallics</i> , 0, , .	2.3	1
20	Titelbild: High-Yielding Tandem Hydroformylation/Hydrogenation of a Terminal Olefin to Produce a Linear Alcohol Using a Rh/Ru Dual Catalyst System (<i>Angew. Chem.</i> 26/2010). <i>Angewandte Chemie</i> , 2010, 122, 4411-4411.	2.0	0
21	Cover Picture: High-Yielding Tandem Hydroformylation/Hydrogenation of a Terminal Olefin to Produce a Linear Alcohol Using a Rh/Ru Dual Catalyst System (<i>Angew. Chem. Int. Ed.</i> 26/2010). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4315-4315.	13.8	0
22	Palladium Mediated C-N Bond Cleavage of Amino Alkenes and their Application to Catalytic Syntheses of Amines from Alkenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 1055-1056.	0.1	0
23	Titelbild: Dynamic Interconversion between Boroxine Cages Based on Pyridine Ligation (<i>Angew.</i>)	2.0	0