

Takafumi Yatabe

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Gold Nanoparticles Supported on a Layered Double Hydroxide as Efficient Catalysts for the One-pot Synthesis of Flavones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13302-13306.	13.8	82
2	Supported Gold Nanoparticles for Efficient α -Oxygenation of Secondary and Tertiary Amines into Amides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7212-7217.	13.8	74
3	Selective Synthesis of Primary Anilines from NH_3 and Cyclohexanones by Utilizing Preferential Adsorption of Styrene on the Pd Nanoparticle Surface. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10893-10897.	13.8	40
4	Gold nanoparticles on OMS-2 for heterogeneously catalyzed aerobic oxidative α,β -dehydrogenation of β -heteroatom-substituted ketones. <i>Chemical Communications</i> , 2016, 52, 14314-14317.	4.1	31
5	Unusual Olefinic C-H Functionalization of Simple Chalcones toward Aurones Enabled by the Rational Design of a Function-Integrated Heterogeneous Catalyst. <i>ACS Catalysis</i> , 2018, 8, 4969-4978.	11.2	29
6	$\text{C}(\text{sp}^3)$ -H Selective Benzylic Borylation by In Situ Reduced Ultrasmall Ni Species on CeO_2 . <i>ACS Catalysis</i> , 2021, 11, 2150-2155.	11.2	26
7	Methyl-selective α -Oxygenation of Tertiary Amines to Formamides by Employing Copper/Moderately Hindered Nitroxyl Radical (DMN-AZADO or 1-Me-AZADO). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16651-16659.	13.8	19
8	Supported Gold Nanoparticles for Efficient α -Oxygenation of Secondary and Tertiary Amines into Amides. <i>Angewandte Chemie</i> , 2016, 128, 7328-7333.	2.0	16
9	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivalent Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	16
10	CeO_2 -Supported Pd(II)-on-Au Nanoparticle Catalyst for Aerobic Selective α,β -Desaturation of Carbonyl Compounds Applicable to Cyclohexanones. <i>ACS Catalysis</i> , 2020, 10, 5057-5063.	11.2	15
11	Synthesis of unsymmetrically substituted triaryl amines via acceptorless dehydrogenative aromatization using a Pd/C and <i>p</i> -toluenesulfonic acid hybrid relay catalyst. <i>Chemical Science</i> , 2020, 11, 4074-4084.	7.4	12
12	Heterogeneously Catalyzed Selective Decarbonylation of Aldehydes by CeO_2 -Supported Highly Dispersed Non-Electron-Rich Ni(0) Nanospecies. <i>ACS Catalysis</i> , 2021, 11, 13745-13751.	11.2	12
13	Selective Synthesis of Primary Anilines from NH_3 and Cyclohexanones by Utilizing Preferential Adsorption of Styrene on the Pd Nanoparticle Surface. <i>Angewandte Chemie</i> , 2019, 131, 11009-11013.	2.0	9
14	Transition-Metal-Free Catalytic Formal Hydroacylation of Terminal Alkynes. <i>ACS Catalysis</i> , 2018, 8, 11564-11569.	11.2	8
15	Heterogeneously Palladium-catalyzed Acceptorless Dehydrogenative Aromatization of Cyclic Amines. <i>Chemistry Letters</i> , 2019, 48, 517-520.	1.3	8
16	Oxidative Addition of C-X Bonds and H-H Activation Using PNNP-Iron Complexes. <i>ChemistrySelect</i> , 2020, 5, 15-17.	1.5	8
17	Nanostructured Manganese Oxides within a Ring-shaped Polyoxometalate Exhibiting Unusual Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	8
18	Selective primary aniline synthesis through supported Pd-catalyzed acceptorless dehydrogenative aromatization by utilizing hydrazine. <i>Chemical Communications</i> , 2021, 57, 6530-6533.	4.1	7

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19	C-H Bond Activation Mechanism by a Pd(II)-Au(0) Structure Unique to Heterogeneous Catalysts. <i>JACS</i> , 2022, 144, 394-406.	7.9	6
20	Mechanistic study of C-H bond activation by O ₂ on negatively charged Au clusters: β -dehydrogenation of 1-methyl-4-piperidone by supported Au catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 3333-3346.	4.1	5
21	Heterogeneously Ni-Pd nanoparticle-catalyzed base-free formal C-S bond metathesis of thiols. <i>Chemical Communications</i> , 2021, 57, 3749-3752.	4.1	5
22	Cu-N-Oxyl-catalyzed aerobic oxidative esterification to oxalic acid diesters from ethylene glycol via highly selective intermolecular alcohol oxidation. <i>Green Chemistry</i> , 2022, 24, 2017-2026.	9.0	4
23	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivacant Polyoxometalates. <i>Angewandte Chemie</i> , 2019, 131, 16804-16812.	2.0	4
24	Methyl-selective β -Oxygenation of Tertiary Amines to Formamides by Employing Copper/Moderately Hindered Nitroxyl Radical (DMN-CAZADO or Me-CAZADO). <i>Angewandte Chemie</i> , 2019, 131, 16804-16812.	2.0	3
25	Development of Environmentally Friendly Dehydrogenative Oxidation Reactions Using Multifunctional Heterogeneous Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1332-1352.	3.2	0