

# Takafumi Yatabe

## List of Publications by Year in descending order

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25  
papers

455  
citations

840776

11  
h-index

752698

20  
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28  
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28  
docs citations

28  
times ranked

456  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	C-H Bond Activation Mechanism by a Pd(II)( $\frac{1}{4}$ -O)-Au(0) Structure Unique to Heterogeneous Catalysts. <i>Jacs Au</i> , 2022, 2, 394-406.	7.9	6
3	Nanostructured Manganese Oxides within a Ring-Shaped Polyoxometalate Exhibiting Unusual Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	8
4	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivacant Polyoxometalates. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	16
5	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
6	Mechanistic study of C-H bond activation by O <sub>2</sub> on negatively charged Au clusters: $\beta$ , $\beta$ -dehydrogenation of 1-methyl-4-piperidone by supported Au catalysts. <i>Catalysis Science and Technology</i> , 2021, 11, 3333-3346.	4.1	5
7	C(sp <sup>3</sup> )-H Selective Benzylic Borylation by In Situ Reduced Ultrasmall Ni Species on CeO <sub>2</sub> . <i>ACS Catalysis</i> , 2021, 11, 2150-2155.	11.2	26
8	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
9	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
10	Heterogeneously Catalyzed Selective Decarbonylation of Aldehydes by CeO <sub>2</sub> -Supported Highly Dispersed Non-Electron-Rich Ni(0) Nanospecies. <i>ACS Catalysis</i> , 2021, 11, 13745-13751.	11.2	12
11	Oxidative Addition of C-X Bonds and H Activation Using PNNP-Iron Complexes. <i>ChemistrySelect</i> , 2020, 5, 15-17.	1.5	8
12	Synthesis of unsymmetrically substituted triaryl amines via acceptorless dehydrogenative aromatization using a Pd/C and p-toluenesulfonic acid hybrid relay catalyst. <i>Chemical Science</i> , 2020, 11, 4074-4084.	7.4	12
13	CeO <sub>2</sub> -Supported Pd(II)-on-Au Nanoparticle Catalyst for Aerobic Selective $\beta$ , $\beta$ -Desaturation of Carbonyl Compounds Applicable to Cyclohexanones. <i>ACS Catalysis</i> , 2020, 10, 5057-5063.	11.2	15
14	Methyl-Selective $\beta$ -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
15	Methyl-Selective $\beta$ -Oxygenation of Tertiary Amines to Formamides by Employing Copper/Moderately Hindered Nitroxyl Radical (DMN-AZADO or 1-Me-AZADO). <i>Angewandte Chemie</i> , 2019, 131, 16804-16812.	2.0	3
16	Selective Synthesis of Primary Anilines from NH <sub>3</sub> and Cyclohexanones by Utilizing Preferential Adsorption of Styrene on the Pd Nanoparticle Surface. <i>Angewandte Chemie</i> , 2019, 131, 11009-11013.	2.0	9
17	Selective Synthesis of Primary Anilines from NH <sub>3</sub> 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
18	Heterogeneously Palladium-catalyzed Acceptorless Dehydrogenative Aromatization of Cyclic Amines. <i>Chemistry Letters</i> , 2019, 48, 517-520.	1.3	8

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19	Unusual Olefinic C=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
20	Transition-Metal-Free Catalytic Formal Hydroacylation of Terminal Alkynes. <i>ACS Catalysis</i> , 2018, 8, 11564-11569.	11.2	8
21	Gold nanoparticles on OMS-2 for heterogeneously catalyzed aerobic oxidative $\alpha,\beta$ -dehydrogenation of $\beta$ -heteroatom-substituted ketones. <i>Chemical Communications</i> , 2016, 52, 14314-14317.	4.1	31
22	Supported Gold Nanoparticles for Efficient $\alpha$ -Oxygenation of Secondary and Tertiary Amines into Amides. <i>Angewandte Chemie</i> , 2016, 128, 7328-7333.	2.0	16
23	Supported Gold Nanoparticles for Efficient $\alpha$ -Oxygenation of Secondary and Tertiary Amines into Amides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7212-7217.	13.8	74
24	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
25	Supported Anionic Gold Nanoparticle Catalysts Modified Using Highly Negatively Charged Multivacant Polyoxometalates. <i>Angewandte Chemie</i> , 0, , .	2.0	4