

# Masaharu Ueno

## List of Publications by Year in descending order

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58  
papers

3,817  
citations

159585

30  
h-index

161849

54  
g-index

85  
all docs

85  
docs citations

85  
times ranked

3156  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Microfluidic Device for Conducting Gas-Liquid-Solid Hydrogenation Reactions. <i>Science</i> , 2004, 304, 1305-1308.	12.6	545
2	Recent Advances in Immobilized Metal Catalysts for Environmentally Benign Oxidation of Alcohols. <i>Chemistry - an Asian Journal</i> , 2008, 3, 196-214.	3.3	279
3	Catalytic Enantioselective Mannich-Type Reactions Using a Novel Chiral Zirconium Catalyst. <i>Journal of the American Chemical Society</i> , 1997, 119, 7153-7154.	13.7	274
4	Catalytic Asymmetric Synthesis of Both Syn- and Anti- $\beta$ -Amino Alcohols. <i>Journal of the American Chemical Society</i> , 1998, 120, 431-432.	13.7	247
5	Enantioselective Mannich-Type Reactions Using a Novel Chiral Zirconium Catalyst for the Synthesis of Optically Active $\beta$ -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2000, 122, 8180-8186.	13.7	225
6	Chiral Copper(II)-Catalyzed Enantioselective Boron Conjugate Additions to $\alpha,\beta$ -Unsaturated Carbonyl Compounds in Water. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12763-12766.	13.8	155
7	Instantaneous Carbon-Carbon Bond Formation Using a Microchannel Reactor with a Catalytic Membrane. <i>Journal of the American Chemical Society</i> , 2006, 128, 15994-15995.	13.7	154
8	Surface Modification Method of Microchannels for Gas-Liquid Two-Phase Flow in Microchips. <i>Analytical Chemistry</i> , 2005, 77, 943-947.	6.5	144
9	Catalytic Asymmetric Synthesis of Antimalarial Alkaloids Febrifugine and Isofebrifugine and Their Biological Activity. <i>Journal of Organic Chemistry</i> , 1999, 64, 6833-6841.	3.2	130
10	A Novel Inhibitor of Ceramide Trafficking from the Endoplasmic Reticulum to the Site of Sphingomyelin Synthesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 43994-44002.	3.4	126
11	Phase-transfer alkylation reactions using microreactors. <i>Chemical Communications</i> , 2003, , 936-937.	4.1	121
12	Catalytic asymmetric synthesis of febrifugine and iso-febrifugine. <i>Tetrahedron Letters</i> , 1999, 40, 2175-2178.	1.4	119
13	A Gold-Immobilized Microchannel Flow Reactor for Oxidation of Alcohols with Molecular Oxygen. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4744-4746.	13.8	102
14	Catalytic Use of Indium(0) for Carbon-Carbon Bond Transformations in Water: General Catalytic Allylations of Ketones with Allylboronates. <i>Journal of the American Chemical Society</i> , 2008, 130, 13824-13825.	13.7	97
15	Asymmetric Catalysis Special Feature Part I: Air-stable, storable, and highly efficient chiral zirconium catalysts for enantioselective Mannich-type, aza Diels-Alder, aldol, and hetero Diels-Alder reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5476-5481.	7.1	76
16	Chiral Zinc-Catalyzed Asymmetric $\alpha$ -Alkylallylation and $\alpha$ -Chloroallylation of Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12262-12265.	13.8	57
17	Chiral-Sc catalyzed asymmetric Michael addition/protonation of thiols with enones in water. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7134.	2.8	56
18	Catalytic Enantioselective Addition of Propionate Units to Imines: An Efficient Synthesis of anti-Methyl-Amino Acid Derivatives. <i>Chemistry - A European Journal</i> , 2002, 8, 4185-4190.	3.3	49

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19	Polymer Incarcerated Ruthenium Catalyst for Oxidation of Alcohols with Molecular Oxygen. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 531-534.	4.3	48
20	Development of microchannel reactors using polysilane-supported palladium catalytic systems in capillaries. <i>Chemical Communications</i> , 2008, , 1647.	4.1	48
21	Air-Stable, Storable, and Highly Selective Chiral Lewis Acid Catalyst. <i>Organic Letters</i> , 2002, 4, 3395-3397.	4.6	46
22	A novel chiral zirconium catalyst for enantioselective aldol and Mannich-type reactions. Catalytic activation of both aldehydes and imines using a similar chiral Lewis acid. <i>Tetrahedron</i> , 2001, 57, 861-866.	1.9	44
23	Powerful Continuous-Flow Hydrogenation by using Poly(dimethyl)silane-Supported Palladium Catalysts. <i>ChemCatChem</i> , 2015, 7, 4025-4029.	3.7	44
24	Catalytic enantioselective synthesis of a novel inhibitor of ceramide trafficking, (1 R ,3 R )- N -(3-hydroxy-1-hydroxymethyl-3-phenylpropyl)dodecanamide (HPA-12). <i>Tetrahedron Letters</i> , 2001, 42, 7863-7865.	1.4	38
25	Selective Hydrogenation of Nitriles to Primary Amines Catalyzed by a Polysilane/SiO <sub>2</sub> -Supported Palladium Catalyst under Continuous-Flow Conditions. <i>ChemistryOpen</i> , 2017, 6, 211-215.	1.9	38
26	Chiral Sc-catalyzed asymmetric Michael reactions of thiols with enones in water. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3619.	2.8	36
27	Aldehyde allylation with allylboronates providing $\hat{\pm}$ -addition products. <i>Chemical Communications</i> , 2010, 46, 1260.	4.1	33
28	Catalytic Asymmetric Mannich-Type Reactions Using a Novel Chiral Iron Complex. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 929-931.	4.3	32
29	Immobilization of Ruthenium in Organic-Inorganic Hybrid Copolymers: A Reusable Heterogeneous Catalyst for Oxidation of Alcohols with Molecular Oxygen. <i>Chemistry - an Asian Journal</i> , 2008, 3, 239-243.	3.3	31
30	Revised Stereochemistry of Ceramide-Trafficking Inhibitor HPA-12 by X-ray Crystallography Analysis. <i>Organic Letters</i> , 2013, 15, 2869-2871.	4.6	31
31	Natural ligand-nonmimetic inhibitors of the lipid-transfer protein CERT. <i>Communications Chemistry</i> , 2019, 2, .	4.5	27
32	Copper(II) and Bismuth(III) Hydroxide Catalyzed Addition Reactions of Hydrazoneoester with Allenylboronate in Aqueous Media. <i>Synlett</i> , 2010, 2010, 2033-2036.	1.8	23
33	Allylation Reactions of Aldehydes with Allylboronates in Aqueous Media: Unique Reactivity and Selectivity that are Only Observed in the Presence of Water. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2033-2045.	3.3	23
34	Toward the Total Synthesis of Onchidin, a Cytotoxic Cyclic Depsipeptide from a Mollusc. <i>Chemistry - an Asian Journal</i> , 2007, 2, 135-144.	3.3	22
35	Supercooled micro flows and application for asymmetric synthesis. <i>Lab on A Chip</i> , 2006, 6, 1236.	6.0	20
36	Catalytic Flow Hydrogenation of Aromatic Nitro Compounds Using Polysilane-Supported Palladium. <i>Journal of Flow Chemistry</i> , 2014, 4, 160-163.	1.9	19

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37	An air-stable chiral Hf-based catalyst for asymmetric Mannich-type reactions. <i>Tetrahedron</i> , 2007, 63, 8425-8429.	1.9	18
38	Continuous-Flow Chemical Processing in Three-Dimensional Microchannel Network for On-Chip Integration of Multiple Reactions in a Combinatorial Mode. <i>QSAR and Combinatorial Science</i> , 2005, 24, 742-757.	1.4	16
39	Storable, powdered chiral zirconium complex for asymmetric aldol and hetero Diels-Alder reactions. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1347-1350.	2.8	16
40	Bismuth Catalysts in Aqueous Media. <i>Topics in Current Chemistry</i> , 2011, 311, 1-17.	4.0	15
41	An air-stable, storable chiral zirconium catalyst for asymmetric aldol reactions. <i>Chemical Communications</i> , 2003, , 2016.	4.1	14
42	Environmentally Benign Ritter Reaction Using Bismuth Salts as a Catalyst. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1796-1800.	2.4	14
43	Aerobic oxidation of alcohols using bismuth bromide as a catalyst. <i>Tetrahedron Letters</i> , 2019, 60, 570-573.	1.4	13
44	Silver Oxide as a Novel Catalyst for Carbon-Carbon Bond-forming Reactions in Aqueous Media. <i>Chemistry Letters</i> , 2010, 39, 652-653.	1.3	10
45	Catalytic Organic Reactions on the Surface of Silver(I) Oxide in Water. <i>Chemistry Letters</i> , 2014, 43, 1867-1869.	1.3	8
46	Chemoselective Ketone Synthesis by the Strontium-mediated Alkylation or Arylation of <i>N,N</i> -Dimethylamides or Urea. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1660-1664.	2.7	8
47	Superior Alkylating Agents for Bulky Esters/Ketones via Strontium-Mediated Barbier-Type Reaction. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 821-824.	2.7	7
48	Catalytic Enantioselective Mannich Reactions. , 2005, , 139-157.		6
49	Strontium-mediated selective protonation of unsaturated linkage of aromatic hydrocarbons and these derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 2268-2271.	1.4	5
50	Polymer-Incarcerated Palladium with Active Phosphine as Recoverable and Reusable Pd Catalyst for the Amination of Aryl Chlorides. <i>Synlett</i> , 2007, 2007, 3209-3213.	1.8	4
51	A novel inhibitor of ceramide trafficking from endoplasmic reticulum to the site of sphingomyelin synthesis.. <i>Journal of Biological Chemistry</i> , 2013, 288, 24162.	3.4	4
52	Three-Component, One-Pot Tandem Sonogashira/Suzuki-Miyaura Coupling Reactions for the Synthesis of a Library of Ceramide-Transport Protein Inhibitors Designed In Silico. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 267-273.	2.7	4
53	Catalytic Asymmetric Mannich-Type Reactions Using a Novel Chiral Iron Complex.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
54	Air-Stable, Storable, and Highly Selective Chiral Lewis Acid Catalyst.. <i>ChemInform</i> , 2003, 34, no.	0.0	0

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55	Phase-Transfer Alkylation Reactions Using Microreactors.. ChemInform, 2003, 34, no.	0.0	0
56	An Air-Stable, Storable Chiral Zirconium Catalyst for Asymmetric Aldol Reactions.. ChemInform, 2003, 34, no.	0.0	0
57	Methoxycarbonyl Group as a Conformational Regulator for The Benzene Ring of Triphenylamines. ChemistrySelect, 2019, 4, 3799-3802.	1.5	0
58	Practical method for hydroxyl-group protection using strontium metal and readily available silyl chlorides. Chemical Communications, 2022, , .	4.1	0