

Shigenobu Umemiya

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Chiral Brønsted Acid Catalyzed Enantioconvergent Synthesis of Chiral Tetrahydrocarbazoles with Allenylsilanes from Racemic Indolylmethanols. <i>Chemistry Letters</i> , 2022, 51, 391-394.	1.3	5
2	Catalytic Enantioselective Allylation of Acetylenic Aldehydes by Chiral Phosphoric Acid/Transition Metal Cooperative Catalysis: Formal Synthesis of Fostriecin. <i>Organic Letters</i> , 2021, 23, 3767-3771.	4.6	7
3	Development of chiral bisphosphoric acid/boronic acid co-catalyst system for enantioselective SN2 ^{ATM} reaction. <i>Tetrahedron</i> , 2021, 98, 132412.	1.9	5
4	Inversion of the Axial Information during Oxidative Aromatization in the Synthesis of Axially Chiral Biaryls with Organocatalysis as a Key Step. <i>Chemistry - A European Journal</i> , 2020, 26, 4524-4530.	3.3	13
5	Two-Phase Synthesis of Taxol. <i>Journal of the American Chemical Society</i> , 2020, 142, 10526-10533.	13.7	99
6	Chiral Brønsted Acid Catalyzed Enantioconvergent Propargylic Substitution Reaction of Racemic Secondary Propargylic Alcohols with Thiols. <i>Chemistry - A European Journal</i> , 2020, 26, 11124-11128.	3.3	21
7	Inversion of the Axial Information during Oxidative Aromatization in the Synthesis of Axially Chiral Biaryls with Organocatalysis as a Key Step. <i>Chemistry - A European Journal</i> , 2020, 26, 4436-4436.	3.3	0
8	Diarylprolinol ^{ATM} -Mediated Asymmetric Direct Cross ^{ATM} Aldol Reaction of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehyde as an Electrophilic Aldehyde. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4146-4149.	3.3	6
9	Asymmetric Michael Reaction of $\hat{1}\pm$ -CF ₃ Thioester and $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehyde Catalyzed by Diphenylprolinol Silyl Ether. <i>Organic Letters</i> , 2019, 21, 5183-5186.	4.6	15
10	Domino Michael/Michael Reaction for the Formation of Chiral Spirocycles Using a Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 678-681.	2.4	6
11	Enantio ^{ATM} and Diastereoselective Synthesis of Latanoprost using an Organocatalyst. <i>Chemistry - A European Journal</i> , 2018, 24, 8409-8414.	3.3	20
12	Enantioselective Total Synthesis of Beraprost Using Organocatalyst. <i>Organic Letters</i> , 2017, 19, 1112-1115.	4.6	31
13	11-Step Total Synthesis of Pallambins C and D. <i>Journal of the American Chemical Society</i> , 2016, 138, 7536-7539.	13.7	36
14	Asymmetric Aldol Reaction of Chloral Catalyzed by Diarylprolinol. <i>ChemCatChem</i> , 2015, 7, 1646-1649.	3.7	12
15	Oxidative Amidation of Nitroalkanes with Amine Nucleophiles using Molecular Oxygen and Iodine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12986-12990.	13.8	55
16	Asymmetric Formal [3+2] Cycloaddition Reaction of Succinaldehyde and Nitroalkene Catalyzed by Diphenylprolinol Silyl Ether. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4320-4324.	2.4	11
17	Total Synthesis of Verruculogen and Fumitremogin A Enabled by Ligand-Controlled C ^{ATM} H Borylation. <i>Journal of the American Chemical Society</i> , 2015, 137, 10160-10163.	13.7	196
18	Nef Reaction with Molecular Oxygen in the Absence of Metal Additives, and Mechanistic Insights. <i>Chemistry - A European Journal</i> , 2014, 20, 15753-15759.	3.3	45

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19	Diphenylprolinol Silyl Ether Catalyzed Asymmetric Michael Reaction of Nitroalkanes and β,β -Disubstituted α,β -Unsaturated Aldehydes for the Construction of All-Carbon Quaternary Stereogenic Centers. <i>Chemistry - A European Journal</i> , 2014, 20, 12072-12082.	3.3	20
20	Pot Economy in the Synthesis of Prostaglandin G_1 and E_1 Methyl Esters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3450-3452.	13.8	106
21	Organocatalytic 1,4-Addition Reaction of β,β -Disubstituted α,β -Unsaturated Aldehydes versus 1,6-Addition Reaction. <i>ChemCatChem</i> , 2012, 4, 959-962.	3.7	52