

# Hiroto Nakano

## List of Publications by Year in descending order

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papers

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430874

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#	ARTICLE	IF	CITATIONS
1	New Sugar Based $\beta$ -Amino Silyl Ether Organocatalysts for Asymmetric Michael Addition of $\alpha$ -Keto Esters with Nitroolefins. <i>Heterocycles</i> , 2022, 105, 369.	0.7	2
2	Simple primary $\beta$ -amino alcohols as organocatalysts for the asymmetric Michael addition of $\alpha$ -keto esters to nitroalkenes. <i>RSC Advances</i> , 2021, 11, 203-209.	3.6	5
3	Simple amino silyl ether organocatalyst for asymmetric hetero Diels-Alder reaction of isatins with enones. <i>Chirality</i> , 2021, 33, 454-464.	2.6	1
4	New small $\beta$ -turn type $\alpha$ -primary amino terminal tripeptide organocatalyst for solvent-free asymmetric aldol reaction of various ketones with aldehydes. <i>RSC Advances</i> , 2021, 11, 38925-38932.	3.6	4
5	Antiviral Activities of Hibiscus sabdariffa L. Tea Extract Against Human Influenza A Virus Rely Largely on Acidic pH but Partially on a Low-pH-Independent Mechanism. <i>Food and Environmental Virology</i> , 2020, 12, 9-19.	3.4	19
6	Simple organocatalyst component system for asymmetric hetero Diels-Alder reaction of isatins with enones. <i>RSC Advances</i> , 2020, 10, 17486-17491.	3.6	8
7	2-Azanorbornane-Based Amino Alcohol Organocatalysts for Asymmetric Michael Reaction of $\alpha$ -Keto Esters with Nitroolefins. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3882-3889.	2.4	7
8	Amino Amide Organocatalysts for Asymmetric Michael Addition of $\alpha$ -Keto Esters with $\beta$ -Nitroolefins. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 696-701.	3.2	7
9	Sugar Based $\beta$ -Amino Alcohol Organocatalyst for Asymmetric Michael Addition of $\alpha$ -Keto Esters with Nitroolefins. <i>Heterocycles</i> , 2019, 98, 1536.	0.7	4
10	New Hybrid-type Squaramide-Fused Amino Alcohol Organocatalyst for Enantioselective Domino Michael Addition/Cyclization Reaction of Oxindolines with Cyclic 1,3-Diketones. <i>ACS Omega</i> , 2018, 3, 11718-11726.	3.5	17
11	A new type of amino amide organocatalyzed enantioselective crossed aldol reaction of ketones with aromatic aldehydes. <i>Tetrahedron</i> , 2018, 74, 4705-4711.	1.9	9
12	$\beta$ -Amino Alcohol Organocatalysts for Asymmetric Additions. <i>Heterocycles</i> , 2018, 97, 647.	0.7	17
13	Hybrid-type Squaramide-Fused Amino Alcohol Organocatalysts for Enantioselective Nitro-Aldol Reaction of Nitromethane with Isatins. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1638-1646.	2.4	16
14	A Diamino Alcohol Catalyzed Enantioselective Crossed Aldol Reaction of Acetaldehyde with Isatins - A Concise Total Synthesis of Antitumor Agents. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3874-3885.	2.4	31
15	Structure-activity relations of rosmarinic acid derivatives for the amyloid $\beta$ aggregation inhibition and antioxidant properties. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 1066-1075.	5.5	51
16	Hybrid-type Squaramide-Fused Amino Alcohol Organocatalysts for Enantioselective Diels-Alder Reactions of 3-Hydroxy-2-Pyridones with Maleimides. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4633-4641.	2.4	10
17	2-Azanorbornane-based amine organocatalyst for enantioselective aldol reaction of isatins with ketones. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1062-1068.	1.8	15
18	Simple Primary Amino Amide Organocatalyst for Enantioselective Aldol Reactions of Isatins with Ketones. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3748-3756.	2.4	24

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19	Simple primary $\beta$ -amino alcohol catalyzed enantioselective Diels-Alder reaction of 3-hydroxy-2-pyridones. <i>Tetrahedron Letters</i> , 2016, 57, 5771-5776.	1.4	12
20	Catalytic Efficiency of Primary $\beta$ -Amino Alcohols and Their Derivatives in Organocatalysis. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4124-4143.	2.4	53
21	Development of Asymmetric Cycloaddition Reaction Using Amino Alcohol and its Derivative as an Organocatalyst. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 720-731.	0.1	4
22	Silyloxy Amino Alcohol Organocatalyst for Enantioselective 1,3-Dipolar Cycloaddition of Nitrones to $\alpha,\beta$ -Unsaturated Aldehydes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7292-7300.	2.4	28
23	Chiral primary amino alcohol organobase catalysts for the asymmetric Diels-Alder reactions of anthrones with maleimides. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 1423-1429.	1.8	23
24	Enantioselective Diels-Alder Reaction of 1,2-Dihydropyridines with Aldehydes Using $\beta$ -Amino Alcohol Organocatalyst. <i>Journal of Organic Chemistry</i> , 2014, 79, 9500-9511.	3.2	38
25	CHIRAL PRIMARY AMINO SILYL ETHER ORGANOCATALYST FOR THE ENANTIOSELECTIVE DIELS-ALDER REACTION OF 1,2-DIHYDROPYRIDINES WITH ALDEHYDES. <i>Heterocycles</i> , 2012, 86, 1379.	0.7	14
26	Asymmetric synthesis of isoquinuclidines by Diels-Alder reaction of 1,2-dihydropyridine utilizing a chiral Lewis acid catalyst. <i>Tetrahedron</i> , 2012, 68, 1774-1781.	1.9	23
27	Development of Asymmetric Reactions Using Chiral Oxazolidine-type Catalysts. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 142-153.	0.1	4
28	A highly enantioselective Diels-Alder reaction of 1,2-dihydropyridine using a simple $\beta$ -amino alcohol organocatalyst for a practical synthetic methodology of oseltamivir intermediate. <i>Tetrahedron Letters</i> , 2011, 52, 4745-4748.	1.4	38
29	An efficient synthesis of chiral isoquinuclidines by Diels-Alder reaction using Lewis acid catalyst. <i>Tetrahedron</i> , 2010, 66, 7618-7624.	1.9	21
30	A novel chiral oxazolidine organocatalyst for the synthesis of an oseltamivir intermediate using a highly enantioselective Diels-Alder reaction of 1,2-dihydropyridine. <i>Chemical Communications</i> , 2010, 46, 4827.	4.1	106
31	Organocatalytic activity of 4-hydroxy-prolinamide alcohol with different noncovalent coordination sites in asymmetric Michael and direct aldol reactions. <i>Tetrahedron Letters</i> , 2009, 50, 193-197.	1.4	48
32	An efficient synthetic methodology of chiral isoquinuclidines by the enantioselective Diels-Alder reaction of 1,2-dihydropyridines using chiral cationic palladium-phosphinoxazolidine catalyst. <i>Tetrahedron</i> , 2006, 62, 10879-10887.	1.9	37
33	The highly enantioselective Diels-Alder reaction of 1,2-dihydropyridine using chiral cationic palladium-phosphinoxazolidine catalyst for the synthesis of chiral isoquinuclidines. <i>Tetrahedron Letters</i> , 2005, 46, 5677-5681.	1.4	45
34	New chiral ligands, pyrrolidinyl- and 2-azanorbornyl- phosphinoxazolidines for palladium-catalyzed asymmetric allylation. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1193-1198.	1.8	56
35	Synthesis of New Chiral Catalysts, Isoquinuclidinylmethanethiols, for the Enantioselective Addition of Diethylzinc to Aryl Aldehydes. <i>Heterocycles</i> , 1997, 46, 267.	0.7	10
36	Enantioselective addition of diethylzinc to aldehydes using 2-azanorbornylmethanols and 2-azanorbornylmethanethiol as a catalyst. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 1391-1401.	1.8	72

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37	Synthesis of new chiral catalysts, N-alkyl-2-azanobornyl-methanols, for the enantioselective addition of diethylzinc to arylaldehydes. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1233-1236.	1.8	33