

Keisuke Asano

List of Publications by Year in descending order

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40
papers

1,518
citations

304368

22
h-index

315357

38
g-index

45
all docs

45
docs citations

45
times ranked

1307
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Catalytic Cycloetherification Mediated by Bifunctional Organocatalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 16711-16713.	6.6	147
2	Bifunctional Organocatalysts for the Enantioselective Synthesis of Axially Chiral Isoquinoline <i>N</i> -Oxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 6766-6769.	6.6	122
3	Facile Net Cycloaddition Approach to Optically Active 1,5-Benzothiazepines. <i>Journal of the American Chemical Society</i> , 2015, 137, 5320-5323.	6.6	117
4	Asymmetric Indoline Synthesis via Intramolecular Aza-Michael Addition Mediated by Bifunctional Organocatalysts. <i>Organic Letters</i> , 2013, 15, 3658-3661.	2.4	88
5	Procedure-Controlled Enantioselectivity Switch in Organocatalytic 2-Oxazolidinone Synthesis. <i>Journal of the American Chemical Society</i> , 2013, 135, 12160-12163.	6.6	84
6	Asymmetric Synthesis of 1,3-Dioxolanes by Organocatalytic Formal [3 + 2] Cycloaddition via Hemiacetal Intermediates. <i>Organic Letters</i> , 2012, 14, 1620-1623.	2.4	82
7	Organocatalytic asymmetric oxy-Michael addition to a β -hydroxy- α,β -unsaturated thioester via hemiacetal intermediates. <i>Chemical Communications</i> , 2012, 48, 5076.	2.2	65
8	Asymmetric chroman synthesis via an intramolecular oxy-Michael addition by bifunctional organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 119-122.	1.5	63
9	Pauson's Khand Reactions in a Photochemical Flow Microreactor. <i>Organic Letters</i> , 2013, 15, 2398-2401.	2.4	60
10	Asymmetric Synthesis of Spiroketal with Aminothiurea Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15497-15500.	7.2	58
11	Effects of a Flexible Alkyl Chain on a Ligand for CuAAC Reaction. <i>Organic Letters</i> , 2010, 12, 4988-4991.	2.4	48
12	Induction of Axial Chirality in β -Arylquinolines through Halogenation Reactions Using Bifunctional Organocatalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 9996-10000.	1.7	45
13	Asymmetric Synthesis of 1,3-Oxazolidines via Intramolecular Aza-Michael Addition by Bifunctional Organocatalysts. <i>Chemistry Letters</i> , 2013, 42, 355-357.	0.7	44
14	Asymmetric Oxy-Michael Addition to β -Hydroxy- α,β -Unsaturated Carbonyls Using Formaldehyde as an Oxygen-Centered Nucleophile. <i>Organic Letters</i> , 2014, 16, 6264-6266.	2.4	42
15	Asymmetric Isomerization of β -Hydroxy- α,β -Unsaturated Thioesters into β -Mercaptolactones by a Bifunctional Aminothiurea Catalyst. <i>Organic Letters</i> , 2014, 16, 2184-2187.	2.4	37
16	Asymmetric Cycloetherifications by Bifunctional Aminothiurea Catalysts: The Importance of Hydrogen Bonding. <i>Synthesis</i> , 2013, 45, 1627-1634.	1.2	36
17	Organocatalytic enantio- and diastereoselective cycloetherification via dynamic kinetic resolution of chiral cyanohydrins. <i>Nature Communications</i> , 2017, 8, 1397.	5.8	33
18	Amphiphilic Organocatalyst for Schotten-Baumann-Type Tosylation of Alcohols under Organic Solvent Free Condition. <i>Organic Letters</i> , 2009, 11, 1757-1759.	2.4	32

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19	<i>trans</i> -Cyclooctenes as Halolactonization Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13863-13867.	7.2	29
20	A chiral phosphoric acid catalyst for asymmetric construction of 1,3-dioxanes. <i>Chemical Communications</i> , 2015, 51, 11693-11696.	2.2	28
21	Asymmetric Net Cycloaddition for Access to Diverse Substituted 1,5-Benzothiazepines. <i>Journal of Organic Chemistry</i> , 2017, 82, 12655-12668.	1.7	28
22	Asymmetric Cycloetherification of in Situ Generated Cyanohydrins through the Concomitant Construction of Three Chiral Carbon Centers. <i>Organic Letters</i> , 2019, 21, 2156-2160.	2.4	19
23	Organocatalytic Enantio- and Diastereoselective Construction of <i>syn</i> -1,3-Diol Motifs via Dynamic Kinetic Resolution of In Situ Generated Chiral Cyanohydrins. <i>Organic Letters</i> , 2019, 21, 2688-2692.	2.4	19
24	Catalytic Approaches to Optically Active 1,5-Benzothiazepines. <i>ACS Catalysis</i> , 2018, 8, 6273-6282.	5.5	18
25	Desymmetrization of <i>gem</i> -diols via water-assisted organocatalytic enantio- and diastereoselective cycloetherification. <i>Chemical Communications</i> , 2020, 56, 12335-12338.	2.2	18
26	Enantio- and Diastereoselective Construction of Contiguous Tetrasubstituted Chiral Carbons in Organocatalytic Oxadecalin Synthesis. <i>Organic Letters</i> , 2020, 22, 4710-4715.	2.4	17
27	Asymmetric Cycloetherification via the Kinetic Resolution of Alcohols Using Chiral Phosphoric Acid Catalysts. <i>Chemistry Letters</i> , 2016, 45, 1300-1303.	0.7	16
28	Kinetic Resolution of Acylsilane Cyanohydrins via Organocatalytic Cycloetherification. <i>Chemistry - an Asian Journal</i> , 2019, 14, 116-120.	1.7	13
29	Enantioselective bromination of axially chiral cyanoarenes in the presence of bifunctional organocatalysts. <i>RSC Advances</i> , 2019, 9, 31654-31658.	1.7	12
30	Septin-microtubule association via a motif unique to the isoform 1 of septin 9 tunes stress fibers. <i>Journal of Cell Science</i> , 2021, , .	1.2	12
31	Diastereoselective Reduction of $\hat{1}^2$ -(1,3-Dioxan-4-yl)ketones. <i>Synlett</i> , 2015, 26, 1872-1874.	1.0	9
32	Multipoint Recognition of Molecular Conformations with Organocatalysts for Asymmetric Synthetic Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 694-712.	2.0	9
33	Bifunctional organocatalysts for the asymmetric synthesis of axially chiral benzamides. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 1518-1523.	1.3	8
34	Asymmetric Cycloetherification by Bifunctional Organocatalyst. <i>Synthesis</i> , 2018, 50, 4243-4253.	1.2	7
35	Asymmetric <i>syn</i> -1,3-Dioxane Construction via Kinetic Resolution of Secondary Alcohols Using Chiral Phosphoric Acid Catalysts. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 814-818.	1.3	7
36	<i>trans</i> -Cyclooctenes as Halolactonization Catalysts. <i>Angewandte Chemie</i> , 2018, 130, 14059-14063.	1.6	5

#	ARTICLE	IF	CITATIONS
37	Catalytic asymmetric cycloetherification via intramolecular oxy-Michael addition of enols. Tetrahedron, 2021, 97, 132381.	1.0	4
38	Asymmetric Syntheses Utilizing Mild Activations by Organocatalysts. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2016, 74, 1194-1205.	0.0	4
39	<i>trans</i> -Cyclooctenes as Chiral Ligands in Rhodium-Catalyzed Asymmetric 1,4-Additions. European Journal of Organic Chemistry, 2020, 2020, 7131-7133.	1.2	3
40	Non-enzymatic catalytic asymmetric cyanation of acylsilanes. Communications Chemistry, 2022, 5, .	2.0	3