

Kengo Hyodo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel Enantiocomplementary <i>C₂</i> -Symmetric Chiral Bis(imidazoline) Ligands: Highly Enantioselective Friedel-Crafts Alkylation of Indoles with Ethyl 3,3,3-trifluoropyruvate. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1443-1448.	4.3	116
2	Enantioselective Aza-Morita-Baylis-Hillman Reactions of Acrylonitrile Catalyzed by Palladium(II) Pincer Complexes having <i>C₂</i> -Symmetric Chiral Bis(imidazoline) Ligands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10337-10341.	13.8	99
3	Enantioselective Reaction of Imines and Benzyl Nitriles Using Palladium Pincer Complexes with <i>C₂</i> -Symmetric Chiral Bis(imidazoline)s. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3385-3390.	4.3	85
4	Photosolient Phenomena that Mimic <i>Impatiens</i> Are Observed in Hollow Crystals of Diarylethene with a Perfluorocyclohexene Ring. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12576-12580.	13.8	79
5	Catalytic Enantioselective Decarboxylative Cyanoalkylation of Imines by Using Palladium Pincer Complexes with <i>C₂</i> -Symmetric Chiral Bis(imidazoline)s. <i>Chemistry - A European Journal</i> , 2013, 19, 4128-4134.	3.3	76
6	Fractal Surfaces of Molecular Crystals Mimicking Lotus Leaf with Phototunable Double Roughness Structures. <i>Journal of the American Chemical Society</i> , 2016, 138, 10299-10303.	13.7	63
7	Photosolient Effect of a Diarylethene with a Perfluorocyclohexene Ring. <i>Chemistry - A European Journal</i> , 2016, 22, 12680-12683.	3.3	51
8	Brønsted Acid Catalyzed Nitrile Synthesis from Aldehydes Using Oximes via Transoximation at Ambient Temperature. <i>Organic Letters</i> , 2017, 19, 3005-3008.	4.6	48
9	Photosolient Effect of Diarylethene Crystals of Thiazoyl and Thienyl Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 7874-7880.	3.3	40
10	Direct and Catalytic Amide Synthesis from Ketones via Transoximation and Beckmann Rearrangement under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2018, 83, 13080-13087.	3.2	38
11	Iron-Catalyzed Dehydration of Aldoximes to Nitriles Requiring Neither Other Reagents Nor Nitrile Media. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1348-1352.	3.3	33
12	Brønsted acid catalyzed transoximation reaction: synthesis of aldoximes and ketoximes without use of hydroxylamine salts. <i>Green Chemistry</i> , 2016, 18, 5788-5793.	9.0	20
13	Catalytic enantioselective decarboxylative nucleophilic addition reactions using chiral organocatalysts. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2781-2792.	2.8	20
14	Photosolient Phenomena that Mimic <i>Impatiens</i> Are Observed in Hollow Crystals of Diarylethene with a Perfluorocyclohexene Ring. <i>Angewandte Chemie</i> , 2017, 129, 12750-12754.	2.0	18
15	Deacetylation of Acetyl Arenes and Alkanes with C-C Bond Cleavage. <i>Organic Letters</i> , 2019, 21, 2818-2822.	4.6	16
16	Dual wettability on diarylethene microcrystalline surface mimicking a termite wing. <i>Communications Chemistry</i> , 2019, 2, .	4.5	13
17	Photoinduced topographical changes on microcrystalline surfaces of diarylethenes. <i>CrystEngComm</i> , 2016, 18, 7229-7235.	2.6	10
18	Synthesis of Ethyl Acetohydroximate and Derivatives from Imidate Hydrochloride. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	0