

Jik Chin

List of Publications by Year in descending order

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33
papers

2,500
citations

279701

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377752

34
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36
all docs

36
docs citations

36
times ranked

2107
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Nuclease Activity of Simple Dinuclear Metal Complexes: Quantitative Dissection of the Role of Metal Ions. <i>Accounts of Chemical Research</i> , 1999, 32, 485-493.	7.6	563
2	A metal complex that binds \pm -amino acids with high and predictable stereospecificity. <i>Nature</i> , 1999, 401, 254-257.	13.7	170
3	A Highly Reactive and Enantioselective Bifunctional Organocatalyst for the Methanolytic Desymmetrization of Cyclic Anhydrides: Prevention of Catalyst Aggregation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7872-7875.	7.2	150
4	Double Lewis Acid Activation in Phosphate Diester Cleavage. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1633-1635.	4.4	136
5	Bifunctional organocatalyst for methanolytic desymmetrization of cyclic anhydrides: increasing enantioselectivity by catalyst dilution. <i>Chemical Communications</i> , 2008, , 1208.	2.2	116
6	Rapid Cleavage of RNA with a La(III) Dimer. <i>Journal of the American Chemical Society</i> , 1996, 118, 9982-9983.	6.6	114
7	Rapid Hydrolysis of RNA with a Cu(I) Complex. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 472-474.	4.4	103
8	Rapid Hydrolysis of 2',3'-cAMP with a Cu(II) Complex: Effect of Intramolecular Hydrogen Bonding on the Basicity and Reactivity of a Metal-Bound Hydroxide. <i>Journal of the American Chemical Society</i> , 1999, 121, 4710-4711.	6.6	102
9	Stereospecific Synthesis of C_2 Symmetric Diamines from the Mother Diamine by Resonance-Assisted Hydrogen-Bond Directed Diaza-Cope Rearrangement. <i>Journal of the American Chemical Society</i> , 2008, 130, 12184-12191.	6.6	95
10	A Cobalt(III) η^5 -Salen Complex with an Axial Substituent in the Diamine Backbone: Stereoselective Recognition of Amino Alcohols. <i>Journal of the American Chemical Society</i> , 2005, 127, 16776-16777.	6.6	88
11	Bioinspired Chemical Inversion of α -Amino Acids to β -Amino Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 1518-1519.	6.6	86
12	Structure and Reactivity of a Dinuclear Cobalt(III) Complex with a Bridging Phosphate Monoester. <i>Inorganic Chemistry</i> , 1996, 35, 7472-7473.	1.9	82
13	Chiral Shift Reagent for Amino Acids Based on Resonance-Assisted Hydrogen Bonding. <i>Organic Letters</i> , 2004, 6, 2591-2593.	2.4	74
14	Near-infrared fluorescent probes for peptidases. <i>Coordination Chemistry Reviews</i> , 2018, 354, 169-181.	9.5	68
15	Mimicking Nature to Make Unnatural Amino Acids and Chiral Diamines. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 229-241.	1.2	64
16	Highly Stereoselective Recognition and Deracemization of Amino Acids by Supramolecular Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 829-832.	7.2	57
17	Preorganization in Highly Enantioselective Diaza-Cope Rearrangement Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 16370-16371.	6.6	51
18	Tuning and Dissecting Electronic and Steric Effects in Ammonium Receptors: Nonactin vs Artificial Receptors. <i>Journal of the American Chemical Society</i> , 2002, 124, 5374-5379.	6.6	49

#	ARTICLE	IF	CITATIONS
19	Catalytic Stereoinversion of L-Alanine to Deuterated D-Alanine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9381-9385.	7.2	45
20	Synergistic Effect between Metal Coordination and Hydrogen Bonding in Phosphate and Halide Recognition. <i>Journal of the American Chemical Society</i> , 2002, 124, 10948-10949.	6.6	44
21	Understanding the Interplay of Weak Forces in [3,3]-Sigmatropic Rearrangement for Stereospecific Synthesis of Diamines. <i>Accounts of Chemical Research</i> , 2012, 45, 1345-1355.	7.6	36
22	Stereospecific Synthesis of Alkyl-Substituted Vicinal Diamines from the Mother Diamine: Overcoming the Intrinsic Barrier to the Diaza-Cope Rearrangement Reaction. <i>Organic Letters</i> , 2009, 11, 157-160.	2.4	25
23	Short Synthesis of Enantiopure trans-3-Arylpiperazine-2-carboxylic Acid Derivatives via Diaza-Cope Rearrangement. <i>Organic Letters</i> , 2012, 14, 3664-3667.	2.4	22
24	Stereospecific Diaza-Cope Rearrangement Driven by Steric Strain. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8678-8681.	7.2	18
25	Stereospecific Synthesis of $\hat{1}\pm$ -Substituted syn- $\hat{1}\pm, \hat{1}^2$ -Diamino Acids by the Diaza-Cope Rearrangement. <i>Organic Letters</i> , 2009, 11, 5258-5260.	2.4	16
26	Imprinting and locking chiral memory for stereoselective catalysis. <i>Chemical Communications</i> , 2007, , 120-122.	2.2	15
27	Hydrogen Bond Assisted l to d Conversion of $\hat{1}\pm$ -Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4335-4339.	7.2	10
28	Synthesis of Branched-Chain and Bicyclic Thiosugar Nucleosides. <i>Nucleosides & Nucleotides</i> , 1990, 9, 1045-1060.	0.5	9
29	Stereospecific Synthesis of $\hat{1}^3, \hat{1}^4$ -Diamino Esters. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 725-730.	1.2	9
30	Synthesis of Enantiopure Mixed Alkyl-Aryl Vicinal Diamines by the Diaza-Cope Rearrangement: A Synthesis of (+)-CP-99,994. <i>Journal of Organic Chemistry</i> , 2017, 82, 12050-12058.	1.7	7
31	Stereospecific synthesis of a twinned alanine ester. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8022.	1.5	3
32	Hydrogen Bond Assisted l to d Conversion of $\hat{1}\pm$ -Amino Acids. <i>Angewandte Chemie</i> , 2020, 132, 4365-4369.	1.6	0
33	2,2- $\hat{1}^2$ -[(1S,2S)-1,2-Bis(2-hydroxyphenyl)ethane-1,2-diyl]bis(isoindoline-1,3-dione) ethanol monosolvate hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o406-o407.	0.2	0