

Noncovalent Interactions in Organocatalysis and the Pr Design

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium ⁺ -Directed Catalysis. <i>Angewandte Chemie</i> , 2016, 128, 16121-16125.	1.6	11
4	Computational insight into the cooperative role of non-covalent interactions in the aza-Henry reaction catalyzed by quinine derivatives: mechanism and enantioselectivity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9588-9597.	1.5	11
5	4-Dialkylaminopyridine modified magnetic nanoparticles: as an efficient nano-organocatalyst for one-pot synthesis of 2-amino-4H-chromene-3-carbonitrile derivatives in water. <i>RSC Advances</i> , 2016, 6, 92316-92324.	1.7	30
6	Origin of Kinetic Resolution of Hydroxy Esters through Catalytic Enantioselective Lactonization by Chiral Phosphoric Acids. <i>Organic Letters</i> , 2016, 18, 3730-3733.	2.4	12
7	Isothiourea-catalysed enantioselective pyrrolizine synthesis: synthetic and computational studies. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8957-8965.	1.5	23
8	Theoretical Design and Calculation of a Crown Ether Phase-Transfer-Catalyst Scaffold for Nucleophilic Fluorination Merging Two Catalytic Concepts. <i>Journal of Organic Chemistry</i> , 2016, 81, 8455-8463.	1.7	28
9	σ -Hole ⁺ -Interaction Promoted Photocatalytic Hydrodefluorination via Inner-Sphere Electron Transfer. <i>Journal of the American Chemical Society</i> , 2016, 138, 15805-15808.	6.6	61
10	Competing Noncovalent Interactions Control the Stereoselectivity of Chiral Phosphoric Acid Catalyzed Ring Openings of 3-Substituted Oxetanes. <i>ACS Catalysis</i> , 2016, 6, 7222-7228.	5.5	41
11	Scope and Mechanism of Cooperativity at the Intersection of Organometallic and Supramolecular Catalysis. <i>Journal of the American Chemical Society</i> , 2016, 138, 9682-9693.	6.6	86
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13	Stacking and Electrostatic Interactions Drive the Stereoselectivity of Silylium ⁺ -Directed Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15889-15893.	7.2	55
14	Mechanism and Stereoselectivity in an Asymmetric N-Heterocyclic Carbene-Catalyzed Carbon ⁺ -Carbon Bond Activation Reaction. <i>Organic Letters</i> , 2016, 18, 5932-5935.	2.4	27
15	Stereodivergent Aminocatalytic Synthesis of <i>Z</i> - and <i>E</i> -Trisubstituted Double Bonds from Alkynals. <i>Chemistry - A European Journal</i> , 2016, 22, 16467-16477.	1.7	4
16	NMR <i>J</i> -Coupling Constants of Tl ⁺ -Pt Bonded Metal Complexes in Aqueous Solution: Ab Initio Molecular Dynamics and Localized Orbital Analysis. <i>Inorganic Chemistry</i> , 2016, 55, 12011-12023.	1.9	14
17	Cation ⁺ -Assisted Synthesis of Alkyl Aryl Ethers via C-CN Functionalization of 1,2-Dicyano Pyrazines. <i>ChemistrySelect</i> , 2017, 2, 1944-1949.	0.7	8
18	Catalytic Enantioselective [2,3]-Rearrangements of Allylic Ammonium Ylides: A Mechanistic and Computational Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 4366-4375.	6.6	92
19	Intuitive Density Functional Theory-Based Energy Decomposition Analysis for Protein ⁺ -Ligand Interactions. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 1837-1850.	2.3	19
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27	Automated Quantum Mechanical Predictions of Enantioselectivity in a Rhodium-Catalyzed Asymmetric Hydrogenation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9101-9105.	7.2	43
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33	Multidimensional Correlations in Asymmetric Catalysis through Parameterization of Uncatalyzed Transition States. <i>Angewandte Chemie</i> , 2017, 129, 14268-14272.	1.6	7
34	Mechanism and Origins of Stereinduction in Natural Cinchona Alkaloid Catalyzed Asymmetric Electrophilic Trifluoromethylthiolation of β -Keto Esters with <i>N</i> -Trifluoromethylthiophthalimide as Electrophilic SCF ₃ Source. <i>ACS Catalysis</i> , 2017, 7, 7977-7986.	5.5	35
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40	Multidimensional Correlations in Asymmetric Catalysis through Parameterization of Uncatalyzed Transition States. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14080-14084.	7.2	28
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101	An Intramolecular C(sp ²)-H Amidation Using <i>N</i> -iodosuccinimide. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4178-4186.	1.2	8
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130	Computational Approach to Molecular Catalysis by 3d Transition Metals: Challenges and Opportunities. <i>Chemical Reviews</i> , 2019, 119, 2453-2523.	23.0	260
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