

Joon Heo

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

555
citations

933447

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h-index

1372567

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g-index

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all docs

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docs citations

10
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Origin of Rh-Catalyzed Selective Ring-Opening Amidation of Substituted Cyclopropanols to Access β^2 -Amino Ketones. <i>Journal of the American Chemical Society</i> , 2022, 144, 3667-3675.	13.7	31
2	KO ^t Bu-Catalyzed 1,2-Silaboration of N-Heteroarenes to Access 2-Silylheterocycles: A Cooperative Model for the Regioselectivity. <i>ACS Catalysis</i> , 2022, 12, 4898-4905.	11.2	18
3	Electro-inductive effect: Electrodes as functional groups with tunable electronic properties. <i>Science</i> , 2020, 370, 214-219.	12.6	67
4	Ring-opening functionalizations of unstrained cyclic amines enabled by difluorocarbene transfer. <i>Nature Communications</i> , 2020, 11, 4761.	12.8	56
5	Copper-Catalyzed Direct C-H Alkylation of Polyfluoroarenes by Using Hydrocarbons as an Alkylating Source. <i>Journal of the American Chemical Society</i> , 2020, 142, 7487-7496.	13.7	58
6	ZnMe ₂ -Mediated, Direct Alkylation of Electron-Deficient N-Heteroarenes with 1,1-Diborylalkanes: Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 13235-13245.	13.7	34
7	NHC-Catalyzed 1,2-Selective Hydroboration of Quinolines. <i>ACS Catalysis</i> , 2020, 10, 5023-5029.	11.2	23
8	Alkoxide-Promoted Selective Hydroboration of <i>N</i> -Heteroarenes: Pivotal Roles of in situ Generated BH ₃ in the Dearomatization Process. <i>Chemistry - A European Journal</i> , 2019, 25, 6320-6325.	3.3	43
9	Copper-Mediated Amination of Aryl C-H Bonds with the Direct Use of Aqueous Ammonia via a Disproportionation Pathway. <i>Journal of the American Chemical Society</i> , 2018, 140, 14350-14356.	13.7	81
10	Why is the Ir(III)-Mediated Amido Transfer Much Faster Than the Rh(III)-Mediated Reaction? A Combined Experimental and Computational Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 14020-14029.	13.7	144