

# Joon Heo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/132056/publications.pdf>

Version: 2024-02-01

10  
papers

555  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

684  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Electro-inductive effect: Electrodes as functional groups with tunable electronic properties. <i>Science</i> , 2020, 370, 214-219.	12.6	67
4	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
5	Ring-opening functionalizations of unstrained cyclic amines enabled by difluorocarbene transfer. <i>Nature Communications</i> , 2020, 11, 4761.	12.8	56
6	Alkoxide-Promoted Selective Hydroboration of <i>N</i> -Heteroarenes: Pivotal Roles of in situ Generated BH <sub>3</sub> in the Dearomatization Process. <i>Chemistry - A European Journal</i> , 2019, 25, 6320-6325.	3.3	43
7	ZnMe <sub>2</sub> -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
8	On the Origin of Rh-Catalyzed Selective Ring-Opening Amidation of Substituted Cyclopropanols to Access <sup>2</sup> -Amino Ketones. <i>Journal of the American Chemical Society</i> , 2022, 144, 3667-3675.	13.7	31
9	NHC-Catalyzed 1,2-Selective Hydroboration of Quinolines. <i>ACS Catalysis</i> , 2020, 10, 5023-5029.	11.2	23
10	KO <sup>t</sup> 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