

# Doo-Hyun Kwon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5167175/publications.pdf>

Version: 2024-02-01

14  
papers

418  
citations

933447

10  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Transition-State Design Provides Experimentally Verified Cr(P,N) Catalysts for Control of Ethylene Trimerization and Tetramerization. <i>ACS Catalysis</i> , 2018, 8, 1138-1142.	11.2	64
2	Rapid heteroatom transfer to arylmetals utilizing multifunctional reagent scaffolds. <i>Nature Chemistry</i> , 2017, 9, 681-688.	13.6	63
3	Practical Singly and Doubly Electrophilic Aminating Agents: A New, More Sustainable Platform for Carbon–Nitrogen Bond Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11184-11196.	13.7	60
4	Quantum-mechanical transition-state model combined with machine learning provides catalyst design features for selective Cr olefin oligomerization. <i>Chemical Science</i> , 2020, 11, 9665-9674.	7.4	51
5	Alkene Isomerization–Hydroboration Catalyzed by First-Row Transition-Metal (Mn, Fe, Co, and Ni) $\sigma$ -N-Phosphinoamidinate Complexes: Origin of Reactivity and Selectivity. <i>ACS Catalysis</i> , 2018, 8, 9907-9925.	11.2	38
6	Catalytic Dinuclear Nickel Spin Crossover Mechanism and Selectivity for Alkyne Cyclotrimerization. <i>ACS Catalysis</i> , 2017, 7, 4796-4804.	11.2	33
7	Why Two Metals Are Better Than One for Heterodinuclear Cobalt–Zirconium-Catalyzed Kumada Coupling. <i>Organometallics</i> , 2018, 37, 4195-4203.	2.3	27
8	Why Less Coordination Provides Higher Reactivity Chromium Phosphinoamidinate Ethylene Trimerization Catalysts. <i>ACS Catalysis</i> , 2020, 10, 9674-9683.	11.2	21
9	Synthesis and Computational Studies Demonstrate the Utility of an Intramolecular Styryl Diels–Alder Reaction and Di- <i>t</i> -butylhydroxytoluene Assisted [1,3]-Shift to Construct Anticancer <i>dl</i> -Deoxypodophyllotoxin. <i>Journal of Organic Chemistry</i> , 2018, 83, 2018-2026.	3.2	13
10	Direct Primary Amination of Alkylmetals with <i>NH</i> -Oxaziridine. <i>Organic Letters</i> , 2018, 20, 8064-8068.	4.6	12
11	Synthesis and Reactivity of a Neutral, Three-coordinate Platinum(II) Complex Featuring Terminal Amido Ligation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14498-14502.	13.8	10
12	Synthesis of Structurally Diverse 3-, 4-, 5-, and 6-Membered Heterocycles from Diisopropyl Iminomalonates and Soft <i>C</i> -Nucleophiles. <i>Journal of Organic Chemistry</i> , 2019, 84, 7066-7099.	3.2	10
13	Challenge of Using Practical DFT to Model Fe Pendant Donor Diimine Catalyzed Ethylene Oligomerization. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3727-3739.	3.1	8
14	Time-Resolved Ultraviolet–Infrared Experiments Suggest Fe–Cu Dinuclear Arene Borylation Catalyst Can Be Photoactivated. <i>Organometallics</i> , 2021, 40, 1859-1865.	2.3	2