Yuki Nakaya

List of Publications by Year
in descending order

11	424	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-atom Pt in intermetallics as an ultrastable and selective catalyst for propane dehydrogenation. Nature Communications, 2020, 11, 2838.	12.8	169
2	Ternary platinumâ€“cobaltâ€“indium nanoalloy on ceria as a highly efficient catalyst for the oxidative dehydrogenation of propane using CO2. Nature Catalysis, 2022, 5, 55-65.	34.4	76
3	Active, Selective, and Durable Catalyst for Alkane Dehydrogenation Based on a Well-Designed Trimetallic Alloy. ACS Catalysis, 2020, 10, 5163-5172.	11.2	46
4	Doubly Decorated Platinumâ€“Gallium Intermetallics as Stable Catalysts for Propane Dehydrogenation. Angewandte Chemie - International Edition, 2021, 60, 19715-19719.	13.8	46
5	Nickelâ€Based Highâ€Entropy Intermetallic as a Highly Active and Selective Catalyst for Acetylene Semihydrogenation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	34
6	PdIn-Based Pseudo-Binary Alloy as a Catalyst for NO_x Removal under Lean Conditions. ACS Catalysis, 2020, 10, 11380-11384.	11.2	14
7	Tailoring Singleâ€Atom Platinum for Selective and Stable Catalysts in Propane Dehydrogenation. ChemPlusChem, 2022, 87, e202100560.	2.8	13
8	Synthesis of Co₂FeGe Heusler alloy nanoparticles and catalysis for selective hydrogenation of propyne. RSC Advances, 2021, 11, 18074-18079.	3.6	11
9	Doubly Decorated Platinumâ€“Gallium Intermetallics as Stable Catalysts for Propane Dehydrogenation. Angewandte Chemie, 2021, 133, 19867-19871.	2.0	7
10	Hydrosilylation of carbonyls over electron-enriched Ni sites of intermetallic compound Ni₃Ga heterogeneous catalyst. Chemical Communications, 2021, 57, 4239-4242.	4.1	4
11	Nickelâ€Based Highâ€Entropy Intermetallic as a Highly Active and Selective Catalyst for Acetylene Semihydrogenation. Angewandte Chemie, 2022, 134, .	2.0	2