

Woojun Choi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Controlled syngas production by electrocatalytic CO ₂ reduction on formulated Au ₂₅ (SR) ₁₈ and PtAu ₂₄ (SR) ₁₈ nanoclusters. Journal of Chemical Physics, 2021, 155, 014305.	1.2	24
2	Promotion of alkaline hydrogen production via Ni-doping of atomically precise Ag nanoclusters. Bulletin of the Korean Chemical Society, 2021, 42, 1672-1677.	1.0	10
3	Insights into the Metal-Exchange Synthesis of MAg ₂₄ (SR) ₁₈ (M = Ni, Pd, Pt) Nanoclusters. Chemistry of Materials, 2020, 32, 10216-10226.	3.2	35
4	Effects of Metal-Doping and Surface Modification on Hydrogen Production Activity of Metal Nanoclusters. ECS Meeting Abstracts, 2019, , .	0.0	0
5	Electrocatalytic Activities of Atomically Controlled Metal Nanoclusters for Clean Energy Conversion. ECS Meeting Abstracts, 2019, , .	0.0	0
6	Ultrasmall Metal Nanoclusters As Bifunctional Electrocatalysts for Overall Water Splitting. ECS Meeting Abstracts, 2019, , .	0.0	0
7	Dopant-Dependent Electronic Structures Observed for M ₂ Au ₃₆ (SC ₆ H ₁₃) ₂₄ Clusters (M = Pt, Pd). Journal of Physical Chemistry Letters, 2018, 9, 982-989.	2.1	55
8	Electrocatalytic Oxygen Reduction by Dopant-free, Porous Graphene Aerogel. Electroanalysis, 2018, 30, 1472-1478.	1.5	13
9	Effects of Metal-Doping on Hydrogen Evolution Reaction Catalyzed by MAu ₂₄ and M ₂ Au ₃₆ Nanoclusters (M = Pt, Pd). ACS Applied Materials & Interfaces, 2018, 10, 44645-44653.	4.0	81
10	Rationally designed metal nanocluster for electrocatalytic hydrogen production from water. Journal of Materials Chemistry A, 2018, 6, 19495-19501.	5.2	37
11	A molecule-like PtAu ₂₄ (SC ₆ H ₁₃) ₁₈ nanocluster as an electrocatalyst for hydrogen production. Nature Communications, 2017, 8, 14723.	5.8	274
12	Lattice-Hydride Mechanism in Electrocatalytic CO ₂ Reduction by Structurally Precise Copper-Hydride Nanoclusters. Journal of the American Chemical Society, 2017, 139, 9728-9736.	6.6	261
13	Efficient Oxygen Reduction Electrocatalysts Based on Gold Nanocluster-graphene Composites. ChemElectroChem, 2016, 3, 1253-1260.	1.7	22
14	Temperature-Dependent Absorption and Ultrafast Exciton Relaxation Dynamics in MAu ₂₄ (SR) ₁₈ Clusters (M = Pt, Hg): Role of the Central Metal Atom. Journal of Physical Chemistry C, 2016, 120, 23180-23188.	1.5	41