

# Hojin Jeong

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,317  
citations

516710

16  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly durable metal ensemble catalysts with full dispersion for automotive applications beyond single-atom catalysts. <i>Nature Catalysis</i> , 2020, 3, 368-375.	34.4	220
2	Fully Dispersed Rh Ensemble Catalyst To Enhance Low-Temperature Activity. <i>Journal of the American Chemical Society</i> , 2018, 140, 9558-9565.	13.7	170
3	Promoting Effects of Hydrothermal Treatment on the Activity and Durability of Pd/CeO <sub>2</sub> Catalysts for CO Oxidation. <i>ACS Catalysis</i> , 2017, 7, 7097-7105.	11.2	151
4	Highly Water-Resistant La-Doped Co <sub>3</sub> O <sub>4</sub> Catalyst for CO Oxidation. <i>ACS Catalysis</i> , 2019, 9, 10093-10100.	11.2	126
5	Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20691-20696.	13.8	113
6	Heterogeneous Atomic Catalysts Overcoming the Limitations of Single-Atom Catalysts. <i>ACS Nano</i> , 2020, 14, 14355-14374.	14.6	97
7	Au-doped PtCo/C catalyst preventing Co leaching for proton exchange membrane fuel cells. <i>Applied Catalysis B: Environmental</i> , 2019, 247, 142-149.	20.2	76
8	Facet-Dependent Mn Doping on Shaped Co <sub>3</sub> O <sub>4</sub> Crystals for Catalytic Oxidation. <i>ACS Catalysis</i> , 2021, 11, 11066-11074.	11.2	69
9	Highly durable fuel cell catalysts using crosslinkable block copolymer-based carbon supports with ultralow Pt loadings. <i>Energy and Environmental Science</i> , 2020, 13, 4921-4929.	30.8	61
10	Selective hydrogenation of furanic aldehydes using Ni nanoparticle catalysts capped with organic molecules. <i>Journal of Catalysis</i> , 2016, 344, 609-615.	6.2	39
11	Lean NO <sub>x</sub> trap catalysts with high low-temperature activity and hydrothermal stability. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118871.	20.2	29
12	Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. <i>Angewandte Chemie</i> , 2020, 132, 20872-20877.	2.0	28
13	Synergistic Effect of Cu/CeO <sub>2</sub> and Pt@BaO/CeO <sub>2</sub> Catalysts for a Low-Temperature Lean NO <sub>x</sub> Trap. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2900-2907.	10.0	26
14	CO oxidation on SnO <sub>2</sub> surfaces enhanced by metal doping. <i>Catalysis Science and Technology</i> , 2018, 8, 782-789.	4.1	25
15	Design of an Ultrastable and Highly Active Ceria Catalyst for CO Oxidation by Rare-Earth- and Transition-Metal Co-Doping. <i>ACS Catalysis</i> , 2020, 10, 14877-14886.	11.2	23
16	Surface Restructuring of Supported Nano-Ceria for Improving Sulfur Resistance. <i>ACS Catalysis</i> , 2021, 11, 7154-7159.	11.2	23
17	Oxidative Methane Conversion to Ethane on Highly Oxidized Pd/CeO <sub>2</sub> Catalysts Below 400°C. <i>ChemSusChem</i> , 2020, 13, 677-681.	6.8	16
18	Mn-doped CuO Co <sub>3</sub> O <sub>4</sub> CeO <sub>2</sub> catalyst with enhanced activity and durability for hydrocarbon oxidation. <i>Molecular Catalysis</i> , 2019, 467, 9-15.	2.0	12

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19	Seemingly Negligible Amounts of Platinum Nanoparticles Mislead Electrochemical Oxygen Reduction Reaction Pathway on Platinum Single-Atom Catalysts. <i>ChemElectroChem</i> , 2020, 7, 3716-3719.	3.4	8
20	Re-dispersion of Pd-based bimetallic catalysts by hydrothermal treatment for CO oxidation. <i>RSC Advances</i> , 2021, 11, 3104-3109.	3.6	3
21	Enhanced Adhesion Strength of Pt/ $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Catalysts on STS-444 Substrate via $\gamma$ -Al <sub>2</sub> O <sub>3</sub> Intermediate Layer Formation: Application for CO and C <sub>3</sub> H <sub>6</sub> Oxidation. <i>Catalysts</i> , 2022, 12, 38.	3.5	2