

Hojin Jeong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7576065/publications.pdf>

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	Enhanced Adhesion Strength of Pt/ γ -Al ₂ O ₃ Catalysts on STS-444 Substrate via γ -Al ₂ O ₃ Intermediate Layer Formation: Application for CO and C ₃ H ₆ Oxidation. <i>Catalysts</i> , 2022, 12, 38.	3.5	2
2	Re-dispersion of Pd-based bimetallic catalysts by hydrothermal treatment for CO oxidation. <i>RSC Advances</i> , 2021, 11, 3104-3109.	3.6	3
3	Surface Restructuring of Supported Nano-Ceria for Improving Sulfur Resistance. <i>ACS Catalysis</i> , 2021, 11, 7154-7159.	11.2	23
4	Facet-Dependent Mn Doping on Shaped Co ₃ O ₄ Crystals for Catalytic Oxidation. <i>ACS Catalysis</i> , 2021, 11, 11066-11074.	11.2	69
5	Oxidative Methane Conversion to Ethane on Highly Oxidized Pd/CeO ₂ Catalysts Below 400 °C. <i>ChemSusChem</i> , 2020, 13, 677-681.	6.8	16
6	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
7	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
8	Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. <i>Angewandte Chemie</i> , 2020, 132, 20872-20877.	2.0	28
9	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
10	Heterogeneous Atomic Catalysts Overcoming the Limitations of Single-Atom Catalysts. <i>ACS Nano</i> , 2020, 14, 14355-14374.	14.6	97
11	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
12	Lean NO _x trap catalysts with high low-temperature activity and hydrothermal stability. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118871.	20.2	29
13	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
14	Highly Water-Resistant La-Doped Co ₃ O ₄ Catalyst for CO Oxidation. <i>ACS Catalysis</i> , 2019, 9, 10093-10100.	11.2	126
15	Mn-doped CuO Co ₃ O ₄ CeO ₂ catalyst with enhanced activity and durability for hydrocarbon oxidation. <i>Molecular Catalysis</i> , 2019, 467, 9-15.	2.0	12
16	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
17	Synergistic Effect of Cu/CeO ₂ and Pt@BaO/CeO ₂ Catalysts for a Low-Temperature Lean NO _x Trap. <i>Environmental Science & Technology</i> , 2019, 53, 2900-2907.	10.0	26
18	CO oxidation on SnO ₂ surfaces enhanced by metal doping. <i>Catalysis Science and Technology</i> , 2018, 8, 782-789.	4.1	25

#	ARTICLE	IF	CITATIONS
19	Fully Dispersed Rh Ensemble Catalyst To Enhance Low-Temperature Activity. Journal of the American Chemical Society, 2018, 140, 9558-9565.	13.7	170
20	Promoting Effects of Hydrothermal Treatment on the Activity and Durability of Pd/CeO ₂ Catalysts for CO Oxidation. ACS Catalysis, 2017, 7, 7097-7105.	11.2	151
21	Selective hydrogenation of furanic aldehydes using Ni nanoparticle catalysts capped with organic molecules. Journal of Catalysis, 2016, 344, 609-615.	6.2	39