# Junemin Bae

List of Publications by Year
in descending order



| 13 | 1,144 | 759233 12 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 1461 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highly durable metal ensemble catalysts with full dispersion for automotive applications beyond single-atom catalysts. Nature Catalysis, 2020, 3, 368-375. | 34.4 | 220 |
| 2 | Fully Dispersed Rh Ensemble Catalyst To Enhance Low-Temperature Activity. Journal of the American Chemical Society, 2018, 140, 9558-9565. | 13.7 | 170 |
| 3 | Highly Durable Platinum Singleâ€Atom Alloy Catalyst for Electrochemical Reactions. Advanced Energy Materials, 2018, 8, 1701476. | 19.5 | 152 |
| 4 | Promoting Effects of Hydrothermal Treatment on the Activity and Durability of Pd/CeO<sub>2</sub> Catalysts for CO Oxidation. ACS Catalysis, 2017, 7, 7097-7105. | 11.2 | 151 |
| 5 | Highly Water-Resistant La-Doped Co<sub>3</sub>O<sub>4</sub> Catalyst for CO Oxidation. ACS Catalysis, 2019, 9, 10093-10100. | 11.2 | 126 |
| 6 | Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 20691-20696. | 13.8 | 113 |
| 7 | Facet-Dependent Mn Doping on Shaped Co<sub>3</sub>O<sub>4</sub> Crystals for Catalytic Oxidation. ACS Catalysis, 2021, 11, 11066-11074. | 11.2 | 69 |
| 8 | Lean NOx trap catalysts with high low-temperature activity and hydrothermal stability. Applied Catalysis B: Environmental, 2020, 270, 118871. | 20.2 | 29 |
| 9 | Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. Angewandte Chemie, 2020, 132, 20872-20877. | 2.0 | 28 |
| 10 | Synergistic Effect of Cu/CeO<sub>2</sub> and Ptâ€“BaO/CeO<sub>2</sub> Catalysts for a Low-Temperature Lean NO<sub>x</sub> Trap. Environmental Science & Technology, 2019, 53, 2900-2907. | 10.0 | 26 |
| 11 | CO oxidation on SnO<sub>2</sub> surfaces enhanced by metal doping. Catalysis Science and Technology, 2018, 8, 782-789. | 4.1 | 25 |
| 12 | Surface Restructuring of Supported Nano-Ceria for Improving Sulfur Resistance. ACS Catalysis, 2021, 11, 7154-7159. | 11.2 | 23 |
| 13 | Mn-doped CuO Co3O4CeO2 catalyst with enhanced activity and durability for hydrocarbon oxidation. Molecular Catalysis, 2019, 467, 9-15. | 2.0 | 12 |