# Sangyong Shin

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10635421/publications.pdf

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| 15 | 842 | 840776 11 | 996975 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 914 |
|---|---|---|---|
| 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 | Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. Angewandte Chemie - International Edition, 2020, 59, 20691-20696. | 13.8 | 113 |
| 3 | Quasi-graphitic carbon shell-induced Cu confinement promotes electrocatalytic CO2 reduction toward C2+ products. Nature Communications, 2021, 12, 3765. | 12.8 | 99 |
| 4 | Heterogeneous Atomic Catalysts Overcoming the Limitations of Single-Atom Catalysts. ACS Nano, 2020, 14, 14355-14374. | 14.6 | 97 |
| 5 | Palladium Singleâ€Atom Catalysts Supported on C@C<sub>3</sub>N<sub>4</sub> for Electrochemical Reactions. ChemElectroChem, 2019, 6, 4757-4764. | 3.4 | 70 |
| 6 | Highly durable fuel cell catalysts using crosslinkable block copolymer-based carbon supports with ultralow Pt loadings. Energy and Environmental Science, 2020, 13, 4921-4929. | 30.8 | 61 |
| 7 | Changes in the oxidation state of Pt single-atom catalysts upon removal of chloride ligands and their effect for electrochemical reactions. Chemical Communications, 2019, 55, 6389-6392. | 4.1 | 44 |
| 8 | Ultraâ€Low Pt Loaded Porous Carbon Microparticles with Controlled Channel Structure for Highâ€Performance Fuel Cell Catalysts. Advanced Energy Materials, 2021, 11, 2102970. | 19.5 | 29 |
| 9 | Controlling the Oxidation State of Pt Single Atoms for Maximizing Catalytic Activity. Angewandte Chemie, 2020, 132, 20872-20877. | 2.0 | 28 |
| 10 | Lens-Shaped Carbon Particles with Perpendicularly-Oriented Channels for High-Performance Proton Exchange Membrane Fuel Cells. ACS Nano, 2022, 16, 2988-2996. | 14.6 | 24 |
| 11 | Highly Durable Heterogeneous Atomic Catalysts. Accounts of Chemical Research, 2022, 55, 1372-1382. | 15.6 | 15 |
| 12 | Gas-Permeable Iron-Doped Ceria Shell on Rh Nanoparticles with High Activity and Durability. Jacs Au, 2022, 2, 1115-1122. | 7.9 | 12 |
| 13 | Controlled Doping of Electrocatalysts through Engineering Impurities. Advanced Materials, 2022, 34, e2203030. | 21.0 | 12 |
| 14 | Electrodeposited Snâ€“Cu@Sn dendrites for selective electrochemical CO<sub>2</sub> reduction to formic acid. Nanoscale, 2022, 14, 9297-9303. | 5.6 | 10 |
| 15 | Seemingly Negligible Amounts of Platinum Nanoparticles Mislead Electrochemical Oxygen Reduction Reaction Pathway on Platinum Singleâ€Atom Catalysts. ChemElectroChem, 2020, 7, 3716-3719. | 3.4 | 8 |