Hee-Eun Kim

List of Publications by Year
in descending order

11	947	933447 10	1281871 11
papers	citations	h-index	g-index

12	12	12	1341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of the Support Effect in Atomically Dispersed Pt on WO_{3â^'x} for Utilization of Pt in the Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 16038-16042.	13.8	271
2	Highly durable metal ensemble catalysts with full dispersion for automotive applications beyond single-atom catalysts. Nature Catalysis, 2020, 3, 368-375.	34.4	220
3	Singleâ€Atom Catalysts of Precious Metals for Electrochemical Reactions. ChemSusChem, 2018, 11, 104-113.	6.8	218
4	Palladium Singleâ€Atom Catalysts Supported on C@C₃N₄ for Electrochemical Reactions. ChemElectroChem, 2019, 6, 4757-4764.	3.4	70
5	Investigation of the Support Effect in Atomically Dispersed Pt on WO 3â^' x for Utilization of Pt in the Hydrogen Evolution Reaction. Angewandte Chemie, 2019, 131, 16184-16188.	2.0	49
6	Monodisperse IrOx deposited on Pt/C for reversal tolerant anode in proton exchange membrane fuel cell. Journal of Power Sources, 2019, 443, 227270.	7.8	36
7	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
8	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
9	Pt-IrOx catalysts immobilized on defective carbon for efficient reversal tolerant anode in proton exchange membrane fuel cells. Journal of Catalysis, 2021, 395, 404-411.	6.2	11
10	Catalytic approaches towards highly durable proton exchange membrane fuel cells with minimized Pt use. Chemical Science, 2022, 13, 6782-6795.	7.4	11
11	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