

# Jeongjin Kim

## List of Publications by Year in descending order

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13  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Adsorbate-driven reactive interfacial Pt-NiO $\lambda$ nanostructure formation on the Pt <sub>3</sub> Ni(111) alloy surface. <i>Science Advances</i> , 2018, 4, eaat3151.	10.3	76
2	Catalytic Synergy on PtNi Bimetal Catalysts Driven by Interfacial Intermediate Structures. <i>ACS Catalysis</i> , 2020, 10, 10459-10467.	11.2	53
3	Operando Surface Studies on Metal-Oxide Interfaces of Bimetal and Mixed Catalysts. <i>ACS Catalysis</i> , 2021, 11, 8645-8677.	11.2	39
4	Thermal Evolution and Instability of CO-Induced Platinum Clusters on the Pt(557) Surface at Ambient Pressure. <i>Journal of the American Chemical Society</i> , 2016, 138, 1110-1113.	13.7	28
5	Probing surface oxide formations on SiO <sub>2</sub> -supported platinum nanocatalysts under CO oxidation. <i>RSC Advances</i> , 2017, 7, 45003-45009.	3.6	26
6	How Rh surface breaks CO <sub>2</sub> molecules under ambient pressure. <i>Nature Communications</i> , 2020, 11, 5649.	12.8	24
7	In Situ Observation of Competitive CO and O <sub>2</sub> Adsorption on the Pt(111) Surface Using Near-Ambient Pressure Scanning Tunneling Microscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6246-6254.	3.1	16
8	Water-Assisted Growth of Cobalt Oxide and Cobalt Hydroxide Overlayers on the Pt <sub>3</sub> Co(111) Surface. <i>ACS Applied Energy Materials</i> , 2019, 2, 8580-8586.	5.1	13
9	In Situ Observations of UV-Induced Restructuring of Self-Assembled Porphyrin Monolayer on Liquid/Au(111) Interface at Molecular Level. <i>Langmuir</i> , 2018, 34, 6003-6009.	3.5	11
10	Reversible Oxygen-Driven Nickel Oxide Structural Transition on the Nickel(100) Surface at Near-Ambient Pressure. <i>ChemCatChem</i> , 2018, 10, 2046-2050.	3.7	9
11	Ambient-pressure atomic force microscope with variable pressure from ultra-high vacuum up to one bar. <i>Review of Scientific Instruments</i> , 2018, 89, 103701.	1.3	9
12	In-Situ Nanotribological Properties of Ultrananocrystalline Diamond Films Investigated with Ambient Pressure Atomic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6909-6915.	3.1	8
13	Operando observations of reactive metal-Oxide structure formation on the Pt <sub>3</sub> Ni(111) surface at near-ambient pressure. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2020, 238, 146857.	1.7	6