

Hye Ryoung Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9609707/publications.pdf>

Version: 2024-02-01

10
papers

2,619
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

5565
citing authors

#	ARTICLE	IF	CITATIONS
1	First-row transition metal dichalcogenide catalysts for hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2013, 6, 3553.	30.8	946
2	Superconductivity in an infinite-layer nickelate. <i>Nature</i> , 2019, 572, 624-627.	27.8	673
3	Efficient electrocatalytic CO ₂ reduction on a three-phase interface. <i>Nature Catalysis</i> , 2018, 1, 592-600.	34.4	336
4	3D Porous Sponge-Inspired Electrode for Stretchable Lithium-Ion Batteries. <i>Advanced Materials</i> , 2016, 28, 3578-3583.	21.0	247
5	HfSe ₂ and ZrSe ₂ : Two-dimensional semiconductors with native high- κ oxides. <i>Science Advances</i> , 2017, 3, e1700481.	10.3	197
6	Ultralow-switching current density multilevel phase-change memory on a flexible substrate. <i>Science</i> , 2021, 373, 1243-1247.	12.6	78
7	Ultra-thin and high-response transparent and flexible heater based on carbon nanotube film. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	49
8	Nanoscale Heterogeneities in Monolayer MoSe ₂ Revealed by Correlated Scanning Probe Microscopy and Tip-Enhanced Raman Spectroscopy. <i>ACS Applied Nano Materials</i> , 2018, 1, 572-579.	5.0	45
9	Three-Dimensional Analysis of Particle Distribution on Filter Layers inside N95 Respirators by Deep Learning. <i>Nano Letters</i> , 2021, 21, 651-657.	9.1	41
10	Carbon nanotube thermoelectric devices by direct printing: Toward wearable energy converters. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	7