

# Hye Ryoung Lee

## List of Publications by Year in descending order

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

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10  
papers

2,619  
citations

1040056

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1372567

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10  
docs citations

10  
times ranked

5565  
citing authors

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