

# Hyo Won Kim

## List of Publications by Year in descending order

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docs citations

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times ranked

1124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reshaped Weyl fermionic dispersions driven by Coulomb interactions in $\text{MoTe}_2$ . Physical Review B, 2022, 105, .	3.2	0
2	Unidirectional growth of graphene nano-islands from carbon cluster seeds on Ge(1 1 0). Applied Surface Science, 2021, 536, 147722.	6.1	3
3	Magnetic states of atomic vacancies in graphite probed by scanning tunneling microscopy. AIP Advances, 2020, 10, 085325.	1.3	0
4	Symmetry Dictated Grain Boundary State in a Two-Dimensional Topological Insulator. Nano Letters, 2020, 20, 5837-5843.	9.1	16
5	Dimensionality Control of Self-Assembled Azobenzene Derivatives on a Gold Surface. Journal of Physical Chemistry C, 2019, 123, 8859-8864.	3.1	2
6	Unraveling the Structural and Electronic Properties of Graphene/Ge(110). Journal of Physical Chemistry Letters, 2018, 9, 7059-7063.	4.6	13
7	Te vacancy-driven superconductivity in orthorhombic molybdenum ditelluride. 2D Materials, 2017, 4, 021030.	4.4	42
8	Evolution of Graphene Growth on Pt(111): From Carbon Clusters to Nanoislands. Journal of Physical Chemistry C, 2017, 121, 25074-25078.	3.1	7
9	Quenching of the Resonant States of Single Carbon Vacancies in Graphene/Pt(111). Journal of Physical Chemistry C, 2017, 121, 24641-24647.	3.1	4
10	Electronic structure and switching behavior of the metastable silicene domain boundary. Applied Physics Letters, 2017, 110, 263112.	3.3	10
11	Nanoscale control of phonon excitations in graphene. Nature Communications, 2015, 6, 7528.	12.8	48
12	Strong interaction between graphene edge and metal revealed by scanning tunneling microscopy. Carbon, 2014, 78, 190-195.	10.3	15
13	One-Dimensional Molecular Zippers. Journal of the American Chemical Society, 2011, 133, 9236-9238.	13.7	19
14	Control of Molecular Rotors by Selection of Anchoring Sites. Physical Review Letters, 2011, 106, 146101.	7.8	26
15	Conformational Molecular Switch of the Azobenzene Molecule: A Scanning Tunneling Microscopy Study. Physical Review Letters, 2006, 96, 156106.	7.8	358