

# Hong En Lim

## List of Publications by Year in descending order

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23  
papers

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citations

516710

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677142

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23  
docs citations

23  
times ranked

1611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of a Two-Dimensional Electronic System in Laterally Assembled WTe Nanowires. ACS Applied Nano Materials, 2022, 5, 6277-6284.	5.0	4
2	Nanowire-to-Nanoribbon Conversion in Transition-Metal Chalcogenides: Implications for One-Dimensional Electronics and Optoelectronics. ACS Applied Nano Materials, 2022, 5, 1775-1782.	5.0	7
3	Wafer-Scale Growth of One-Dimensional Transition-Metal Telluride Nanowires. Nano Letters, 2021, 21, 243-249.	9.1	18
4	Air-stable and efficient electron doping of monolayer MoS <sub>2</sub> by salt-crown ether treatment. Nanoscale, 2021, 13, 8784-8789.	5.6	12
5	Tunable Doping of Rhenium and Vanadium into Transition Metal Dichalcogenides for Two-Dimensional Electronics. Advanced Science, 2021, 8, e2004438.	11.2	66
6	Control of Thermal Conductance across Vertically Stacked Two-Dimensional van der Waals Materials via Interfacial Engineering. ACS Nano, 2021, 15, 15902-15909.	14.6	11
7	Mixed-Salt Enhanced Chemical Vapor Deposition of Two-Dimensional Transition Metal Dichalcogenides. Chemistry of Materials, 2021, 33, 7301-7308.	6.7	22
8	On/Off Boundary of Photocatalytic Activity between Single- and Bilayer MoS <sub>2</sub> . ACS Nano, 2020, 14, 6663-6672.	14.6	29
9	Monolayer MoS <sub>2</sub> growth at the Au/SiO <sub>2</sub> interface. Nanoscale, 2019, 11, 19700-19704.	5.6	7
10	Restoring the intrinsic optical properties of CVD-grown MoS <sub>2</sub> monolayers and their heterostructures. Nanoscale, 2019, 11, 12798-12803.	5.6	37
11	Direct and Indirect Exciton Dynamics in Few-Layered ReS <sub>2</sub> Revealed by Photoluminescence and Pump-Probe Spectroscopy. Advanced Functional Materials, 2019, 29, 1806169.	14.9	39
12	Roles of Polymer Layer in Enhanced Photovoltaic Performance of Perovskite Solar Cells via Interface Engineering. Advanced Materials Interfaces, 2018, 5, 1701256.	3.7	60
13	Carrier Transport and Photoresponse in GeSe/MoS <sub>2</sub> Heterojunction p-n Diodes. Small, 2018, 14, e1704559.	10.0	32
14	Photoluminescence quantum yields for atomically thin-layered ReS <sub>2</sub> : Identification of indirect-bandgap semiconductors. Applied Physics Letters, 2018, 113, .	3.3	34
15	High Bending Durability of Efficient Flexible Perovskite Solar Cells Using Metal Oxide Electron Transport Layer. Journal of Physical Chemistry C, 2018, 122, 17088-17095.	3.1	28
16	Ultrafast Charge Transfer and Relaxation Dynamics in Polymer-Encapsulating Single-Walled Carbon Nanotubes: Polythiophene and Coronene Polymer. Journal of Physical Chemistry C, 2018, 122, 16940-16949.	3.1	12
17	Efficient Photocarrier Transfer and Effective Photoluminescence Enhancement in Type I Monolayer MoTe <sub>2</sub> /WSe <sub>2</sub> Heterostructure. Advanced Functional Materials, 2018, 28, 1801021.	14.9	62
18	Evaluation of photoluminescence quantum yield of monolayer WSe <sub>2</sub> using reference dye of 3-ethylbithiophene derivative. Physica Status Solidi (B): Basic Research, 2017, 254, 1600563.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Anisotropic optical and electronic properties of two-dimensional layered germanium sulfide. Nano Research, 2017, 10, 546-555.	10.4	135
20	Photoluminescence quantum yield and long exciton radiative lifetime in monolayer two-dimensional transition metal dichalcogenides. , 2016, , .		0
21	Fabrication and Optical Probing of Highly Extended, Ultrathin Graphene Nanoribbons in Carbon Nanotubes. ACS Nano, 2015, 9, 5034-5040.	14.6	36
22	Growth of carbon nanotubes via twisted graphene nanoribbons. Nature Communications, 2013, 4, 2548.	12.8	89
23	Short channel field-effect transistors from highly enriched semiconducting carbon nanotubes. Nano Research, 2012, 5, 388-394.	10.4	40