

# Lili Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11789970/publications.pdf>

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16  
papers

4,781  
citations

758635

12  
h-index

1125271

13  
g-index

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all docs

16  
docs citations

16  
times ranked

8058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Circuits Based on Bilayer MoS <sub>2</sub> Transistors. Nano Letters, 2012, 12, 4674-4680.	4.5	1,526
2	Role of the Seeding Promoter in MoS <sub>2</sub> Growth by Chemical Vapor Deposition. Nano Letters, 2014, 14, 464-472.	4.5	633
3	Synthesis and Transfer of Single-Layer Transition Metal Disulfides on Diverse Surfaces. Nano Letters, 2013, 13, 1852-1857.	4.5	612
4	Graphene/MoS <sub>2</sub> Hybrid Technology for Large-Scale Two-Dimensional Electronics. Nano Letters, 2014, 14, 3055-3063.	4.5	554
5	Dielectric Screening of Excitons and Trions in Single-Layer MoS <sub>2</sub> . Nano Letters, 2014, 14, 5569-5576.	4.5	520
6	High-Performance WSe <sub>2</sub> Complementary Metal Oxide Semiconductor Technology and Integrated Circuits. Nano Letters, 2015, 15, 4928-4934.	4.5	204
7	Parallel Stitching of 2D Materials. Advanced Materials, 2016, 28, 2322-2329.	11.1	195
8	Origin and Control of OFF-State Leakage Current in GaN-on-Si Vertical Diodes. IEEE Transactions on Electron Devices, 2015, 62, 2155-2161.	1.6	185
9	Design, Modeling, and Fabrication of Chemical Vapor Deposition Grown MoS <sub>2</sub> Circuits with E-Mode FETs for Large-Area Electronics. Nano Letters, 2016, 16, 6349-6356.	4.5	142
10	High-Risk Breast Lesions: A Machine Learning Model to Predict Pathologic Upgrade and Reduce Unnecessary Surgical Excision. Radiology, 2018, 286, 810-818.	3.6	123
11	Large-Area 2-D Electronics: Materials, Technology, and Devices. Proceedings of the IEEE, 2013, 101, 1638-1652.	16.4	46
12	Topological insulator nanostructures: Materials synthesis, Raman spectroscopy, and transport properties. Frontiers of Physics, 2012, 7, 208-217.	2.4	22
13	Negative rectification and negative differential resistance in nanoscale single-walled carbon nanotube p-n junctions. Theoretical Chemistry Accounts, 2011, 130, 353-359.	0.5	10
14	Heterogeneous Integration of 2D Materials and Devices on a Si Platform. , 2019, , 43-84.		5
15	MoS <sub>2</sub> FET fabrication and modeling for large-scale flexible electronics. , 2015, , .		3
16	Two-dimensional materials for ubiquitous electronics. , 2013, , .		1