Lili Yu

List of Publications by Citations

16 papers	3,982 citations	12 h-index	16 g-index
16 ext. papers	4,433 ext. citations	11 avg, IF	4.89 L-index

#	Paper	IF	Citations
16	Integrated circuits based on bilayer MoS2 transistors. *Nano Letters*, **2012**, 12, 4674-80	11.5	1350
15	Role of the seeding promoter in MoS2 growth by chemical vapor deposition. *Nano Letters*, **2014**, 14, 464-72	11.5	534
14	Synthesis and transfer of single-layer transition metal disulfides on diverse surfaces. *Nano Letters*, **2013**, 13, 1852-7	11.5	524
13	Graphene/MoS2 hybrid technology for large-scale two-dimensional electronics. *Nano Letters*, **2014**, 14, 3055-63	11.5	472
12	Dielectric screening of excitons and trions in single-layer MoS2. *Nano Letters*, **2014**, 14, 5569-76	11.5	399
11	High-Performance WSe2 Complementary Metal Oxide Semiconductor Technology and Integrated Circuits. *Nano Letters*, **2015**, 15, 4928-34	11.5	163
10	Parallel Stitching of 2D Materials. *Advanced Materials*, **2016**, 28, 2322-9	24	161
9	Origin and Control of OFF-State Leakage Current in GaN-on-Si Vertical Diodes. *IEEE Transactions on Electron Devices*, **2015**, 62, 2155-2161	2.9	122
8	Design, Modeling, and Fabrication of Chemical Vapor Deposition Grown MoS Circuits with E-Mode FETs for Large-Area Electronics. *Nano Letters*, **2016**, 16, 6349-6356	11.5	102
7	High-Risk Breast Lesions: A Machine Learning Model to Predict Pathologic Upgrade and Reduce Unnecessary Surgical Excision. *Radiology*, **2018**, 286, 810-818	20.5	86
6	Large-Area 2-D Electronics: Materials, Technology, and Devices. *Proceedings of the IEEE*, **2013**, 101, 1638-1652	14.9	39
5	Topological insulator nanostructures: Materials synthesis, Raman spectroscopy, and transport properties. *Frontiers of Physics*, **2012**, 7, 208-217	3.7	17
4	Negative rectification and negative differential resistance in nanoscale single-walled carbon nanotube p-n junctions. *Theoretical Chemistry Accounts*, **2011**, 130, 353-359	1.9	9
3	Heterogeneous Integration of 2D Materials and Devices on a Si Platform **2019**, 43-84		2
2	MoS2 FET fabrication and modeling for large-scale flexible electronics **2015**,		1
1	Two-dimensional materials for ubiquitous electronics **2013**,		1