

Lili Yu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Heterogeneous Integration of 2D Materials and Devices on a Si Platform 2019 , 43-84		2
15	High-Risk Breast Lesions: A Machine Learning Model to Predict Pathologic Upgrade and Reduce Unnecessary Surgical Excision. <i>Radiology</i> , 2018 , 286, 810-818	20.5	86
14	Design, Modeling, and Fabrication of Chemical Vapor Deposition Grown MoS Circuits with E-Mode FETs for Large-Area Electronics. <i>Nano Letters</i> , 2016 , 16, 6349-6356	11.5	102
13	Parallel Stitching of 2D Materials. <i>Advanced Materials</i> , 2016 , 28, 2322-9	24	161
12	High-Performance WSe ₂ Complementary Metal Oxide Semiconductor Technology and Integrated Circuits. <i>Nano Letters</i> , 2015 , 15, 4928-34	11.5	163
11	Origin and Control of OFF-State Leakage Current in GaN-on-Si Vertical Diodes. <i>IEEE Transactions on Electron Devices</i> , 2015 , 62, 2155-2161	2.9	122
10	MoS ₂ FET fabrication and modeling for large-scale flexible electronics 2015 ,		1
9	Graphene/MoS ₂ hybrid technology for large-scale two-dimensional electronics. <i>Nano Letters</i> , 2014 , 14, 3055-63	11.5	472
8	Role of the seeding promoter in MoS ₂ growth by chemical vapor deposition. <i>Nano Letters</i> , 2014 , 14, 464-475	11.5	534
7	Dielectric screening of excitons and trions in single-layer MoS ₂ . <i>Nano Letters</i> , 2014 , 14, 5569-76	11.5	399
6	Synthesis and transfer of single-layer transition metal disulfides on diverse surfaces. <i>Nano Letters</i> , 2013 , 13, 1852-7	11.5	524
5	Large-Area 2-D Electronics: Materials, Technology, and Devices. <i>Proceedings of the IEEE</i> , 2013 , 101, 1638-1652	11.5	39
4	Two-dimensional materials for ubiquitous electronics 2013 ,		1
3	Integrated circuits based on bilayer MoS ₂ transistors. <i>Nano Letters</i> , 2012 , 12, 4674-80	11.5	1350
2	Topological insulator nanostructures: Materials synthesis, Raman spectroscopy, and transport properties. <i>Frontiers of Physics</i> , 2012 , 7, 208-217	3.7	17
1	Negative rectification and negative differential resistance in nanoscale single-walled carbon nanotube p-n junctions. <i>Theoretical Chemistry Accounts</i> , 2011 , 130, 353-359	1.9	9