

Yike Hu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,380
citations

623734

14
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

4519
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer bonding solution to epitaxial graphene-silicon integration. Journal Physics D: Applied Physics, 2014, 47, 094001.	2.8	13
2	Controlled epitaxial graphene growth within removable amorphous carbon corrals. Applied Physics Letters, 2014, 105, .	3.3	14
3	Local work function measurements of plasma-fluorinated epitaxial graphene. Applied Physics Letters, 2014, 104, .	3.3	21
4	Planar Edge Schottky Barrier-Tunneling Transistors Using Epitaxial Graphene/SiC Junctions. Nano Letters, 2014, 14, 5170-5175.	9.1	25
5	Record Maximum Oscillation Frequency in C-Face Epitaxial Graphene Transistors. Nano Letters, 2013, 13, 942-947.	9.1	145
6	Epitaxial graphene on silicon carbide: Introduction to structured graphene. MRS Bulletin, 2012, 37, 1138-1147.	3.5	56
7	Structured epitaxial graphene: growth and properties. Journal Physics D: Applied Physics, 2012, 45, 154010.	2.8	36
8	Structured epitaxial graphene on SiC. , 2012, , .		1
9	Room-temperature metastability of multilayer graphene oxide films. Nature Materials, 2012, 11, 544-549.	27.5	512
10	Large area and structured epitaxial graphene produced by confinement controlled sublimation of silicon carbide. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16900-16905.	7.1	395
11	Thermoelectric effect in high mobility single layer epitaxial graphene. Applied Physics Letters, 2011, 99, 133102.	3.3	30
12	Top- and side-gated epitaxial graphene field effect transistors. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 286-290.	1.8	30
13	High-resolution tunnelling spectroscopy of a graphene quartet. Nature, 2010, 467, 185-189.	27.8	171
14	Epitaxial graphene electronic structure and transport. Journal Physics D: Applied Physics, 2010, 43, 374007.	2.8	119
15	Nanoscale Tunable Reduction of Graphene Oxide for Graphene Electronics. Science, 2010, 328, 1373-1376.	12.6	658
16	Structured epitaxial graphene growth on SiC by selective graphitization using a patterned AlN cap. Applied Physics Letters, 2010, 96, 082112.	3.3	14
17	Half integer quantum Hall effect in high mobility single layer epitaxial graphene. Applied Physics Letters, 2009, 95, .	3.3	140