

Yike Hu

List of Publications by Year in descending order

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