

# Fenglin Wang

## List of Publications by Year in descending order

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1307594  
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times ranked

1090  
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#	ARTICLE	IF	CITATIONS
1	Aryl Functionalization as a Route to Band Gap Engineering in Single Layer Graphene Devices. Nano Letters, 2011, 11, 4047-4051.	9.1	136
2	Ionic Liquid Gating of Suspended MoS <sub>2</sub> Field Effect Transistor Devices. Nano Letters, 2015, 15, 5284-5288.	9.1	71
3	Organometallic Hexahapto Functionalization of Single Layer Graphene as a Route to High Mobility Graphene Devices. Advanced Materials, 2013, 25, 1131-1136.	21.0	59
4	Local spectroscopy of the electrically tunable band gap in trilayer graphene. Physical Review B, 2013, 87, .	3.2	40
5	Visualizing Electrical Breakdown and ON/OFF States in Electrically Switchable Suspended Graphene Break Junctions. Nano Letters, 2012, 12, 1772-1775.	9.1	38
6	Annealing and transport studies of suspended molybdenum disulfide devices. Nanotechnology, 2015, 26, 105709.	2.6	29
7	Transport in suspended monolayer and bilayer graphene under strain: A new platform for material studies. Carbon, 2014, 69, 336-341.	10.3	21
8	Suspension and measurement of graphene and Bi <sub>2</sub> Se <sub>3</sub> thin crystals. Nanotechnology, 2011, 22, 285305.	2.6	6