

# Liehui Ge

## List of Publications by Year in descending order

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27  
papers

5,408  
citations

331259

21  
h-index

525886

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

9501  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Quantum Dots Derived from Carbon Fibers. Nano Letters, 2012, 12, 844-849.	4.5	2,041
2	Evolution of the Electronic Band Structure and Efficient Photo-Detection in Atomic Layers of InSe. ACS Nano, 2014, 8, 1263-1272.	7.3	534
3	Carbon nanotube-based synthetic gecko tapes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10792-10795.	3.3	400
4	Synthesis and Photoresponse of Large GaSe Atomic Layers. Nano Letters, 2013, 13, 2777-2781.	4.5	381
5	Dynamics of Ice Nucleation on Water Repellent Surfaces. Langmuir, 2012, 28, 3180-3186.	1.6	345
6	An Atomically Layered InSe Avalanche Photodetector. Nano Letters, 2015, 15, 3048-3055.	4.5	253
7	Gecko-Inspired Carbon Nanotube-Based Self-Cleaning Adhesives. Nano Letters, 2008, 8, 822-825.	4.5	220
8	Surface functionalization of two-dimensional metal chalcogenides by Lewis acid-base chemistry. Nature Nanotechnology, 2016, 11, 465-471.	15.6	197
9	Optoelectronic Memory Using Two-Dimensional Materials. Nano Letters, 2015, 15, 259-265.	4.5	163
10	Tailoring the Physical Properties of Molybdenum Disulfide Monolayers by Control of Interfacial Chemistry. Nano Letters, 2014, 14, 1354-1361.	4.5	129
11	Carbon Nitrogen Nanotubes as Efficient Bifunctional Electrocatalysts for Oxygen Reduction and Evolution Reactions. ACS Applied Materials & Interfaces, 2015, 7, 11991-12000.	4.0	120
12	Sticky Gecko Feet: The Role of Temperature and Humidity. PLoS ONE, 2008, 3, e2192.	1.1	112
13	Temperature dependent droplet impact dynamics on flat and textured surfaces. Applied Physics Letters, 2012, 100, .	1.5	90
14	Graphene, graphene quantum dots and their applications in optoelectronics. Current Opinion in Colloid and Interface Science, 2015, 20, 439-453.	3.4	73
15	Direct evidence of phospholipids in gecko footprints and spatula-substrate contact interface detected using surface-sensitive spectroscopy. Journal of the Royal Society Interface, 2012, 9, 657-664.	1.5	61
16	Cooperative Adhesion and Friction of Compliant Nanohairs. Nano Letters, 2010, 10, 4509-4513.	4.5	47
17	Ternary $\text{Cu}_{1-x}\text{Se}_{1-x}\text{S}_x$ : Towards Ultra-Thin Layered Photodetectors and Photovoltaic Devices. Advanced Materials, 2014, 26, 7666-7672.	11.1	43
18	Scalable Transfer of Suspended Two-Dimensional Single Crystals. Nano Letters, 2015, 15, 5089-5097.	4.5	38

#	ARTICLE	IF	CITATIONS
19	3D Band Diagram and Photoexcitation of 2D $\rightarrow$ 3D Semiconductor Heterojunctions. <i>Nano Letters</i> , 2015, 15, 5919-5925.	4.5	33
20	Anisotropically Functionalized Carbon Nanotube Array Based Hygroscopic Scaffolds. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 10608-10613.	4.0	30
21	Bifunctional Luminomagnetic Rare-Earth Nanorods for High-Contrast Bioimaging Nanoprobes. <i>Scientific Reports</i> , 2016, 6, 32401.	1.6	29
22	Synthesis and photocurrent of amorphous boron nanowires. <i>Nanotechnology</i> , 2014, 25, 335701.	1.3	16
23	Biomechanical Comparison of Inflatable Penile Implants: A Cadaveric Pilot Study. <i>Journal of Sexual Medicine</i> , 2018, 15, 1034-1040.	0.3	16
24	Longitudinal and Horizontal Load Testing of Inflatable Penile Implant Cylinders of Two Manufacturers: An Ex Vivo Demonstration of Inflated Rigidity. <i>Journal of Sexual Medicine</i> , 2016, 13, 1750-1757.	0.3	12
25	Polymerizable Bis(2-ethylhexyl)sulfosuccinate: Application in Microemulsion Polymerization. <i>Langmuir</i> , 2004, 20, 11288-11292.	1.6	10
26	Combustion resistant nanocomposites from water/AOT/MMA reverse microemulsions. <i>Polymer Bulletin</i> , 2004, 52, 297-305.	1.7	9
27	Solid $\rightarrow$ Liquid Self-Adaptive Polymeric Composite. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2142-2147.	4.0	6