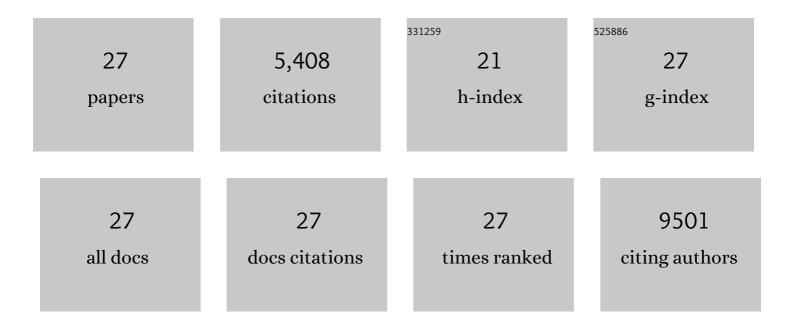
Liehui Ge

List of Publications by Year in descending order

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LIEHUU CE

#	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 & amp; 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 Culn ₇ Se ₁₁ : Towards Ultraâ€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

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