

Liehui Ge

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

4,558
citations

21
h-index

27
g-index

27
ext. papers

4,993
ext. citations

9.2
avg, IF

4.76
L-index

#	Paper	IF	Citations
27	Graphene quantum dots derived from carbon fibers. <i>Nano Letters</i> , 2012 , 12, 844-9	11.5	1779
26	Evolution of the electronic band structure and efficient photo-detection in atomic layers of InSe. <i>ACS Nano</i> , 2014 , 8, 1263-72	16.7	436
25	Carbon nanotube-based synthetic gecko tapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10792-5	11.5	361
24	Synthesis and photoresponse of large GaSe atomic layers. <i>Nano Letters</i> , 2013 , 13, 2777-81	11.5	319
23	Dynamics of ice nucleation on water repellent surfaces. <i>Langmuir</i> , 2012 , 28, 3180-6	4	262
22	An Atomically Layered InSe Avalanche Photodetector. <i>Nano Letters</i> , 2015 , 15, 3048-55	11.5	201
21	Gecko-inspired carbon nanotube-based self-cleaning adhesives. <i>Nano Letters</i> , 2008 , 8, 822-5	11.5	194
20	Surface functionalization of two-dimensional metal chalcogenides by Lewis acid-base chemistry. <i>Nature Nanotechnology</i> , 2016 , 11, 465-71	28.7	150
19	Optoelectronic memory using two-dimensional materials. <i>Nano Letters</i> , 2015 , 15, 259-65	11.5	128
18	Tailoring the physical properties of molybdenum disulfide monolayers by control of interfacial chemistry. <i>Nano Letters</i> , 2014 , 14, 1354-61	11.5	110
17	Carbon Nitrogen Nanotubes as Efficient Bifunctional Electrocatalysts for Oxygen Reduction and Evolution Reactions. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 11991-2000	9.5	103
16	Sticky gecko feet: the role of temperature and humidity. <i>PLoS ONE</i> , 2008 , 3, e2192	3.7	102
15	Temperature dependent droplet impact dynamics on flat and textured surfaces. <i>Applied Physics Letters</i> , 2012 , 100, 111601	3.4	72
14	Direct evidence of phospholipids in gecko footprints and spatula-substrate contact interface detected using surface-sensitive spectroscopy. <i>Journal of the Royal Society Interface</i> , 2012 , 9, 657-64	4.1	51
13	Graphene, graphene quantum dots and their applications in optoelectronics. <i>Current Opinion in Colloid and Interface Science</i> , 2015 , 20, 439-453	7.6	49
12	Cooperative adhesion and friction of compliant nanohairs. <i>Nano Letters</i> , 2010 , 10, 4509-13	11.5	41
11	Ternary CuIn ₇ Se ₁₁ : towards ultra-thin layered photodetectors and photovoltaic devices. <i>Advanced Materials</i> , 2014 , 26, 7666-72	24	37

10	Scalable Transfer of Suspended Two-Dimensional Single Crystals. <i>Nano Letters</i> , 2015 , 15, 5089-97	11.5	33
9	Bifunctional Luminomagnetic Rare-Earth Nanorods for High-Contrast Bioimaging Nanoprobes. <i>Scientific Reports</i> , 2016 , 6, 32401	4.9	27
8	3D Band Diagram and Photoexcitation of 2D-3D Semiconductor Heterojunctions. <i>Nano Letters</i> , 2015 , 15, 5919-25	11.5	26
7	Anisotropically functionalized carbon nanotube array based hygroscopic scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 10608-13	9.5	23
6	Synthesis and photocurrent of amorphous boron nanowires. <i>Nanotechnology</i> , 2014 , 25, 335701	3.4	12
5	Biomechanical Comparison of Inflatable Penile Implants: A Cadaveric Pilot Study. <i>Journal of Sexual Medicine</i> , 2018 , 15, 1034-1040	1.1	11
4	Polymerizable bis(2-ethylhexyl)sulfosuccinate: application in microemulsion polymerization. <i>Langmuir</i> , 2004 , 20, 11288-92	4	9
3	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 ⁹	11.1	9
2	Combustion resistant nanocomposites from water/AOT/MMA reverse microemulsions. <i>Polymer Bulletin</i> , 2004 , 52, 297-305	2.4	8
1	Solid-Liquid Self-Adaptive Polymeric Composite. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2142-7	9.5	5