

# Weiwei Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7565452/publications.pdf>

Version: 2024-02-01

9  
papers

82  
citations

1477746  
6  
h-index

1473754  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane Electrical Connectivity and Near-field Concentration of Isolated Graphene Resonators Realized by Ion Beams. <i>Advanced Materials</i> , 2017, 29, 1701083.	11.1	18
2	Tailorable reflection of surface plasmons in defect engineered graphene. <i>2D Materials</i> , 2016, 3, 045001.	2.0	16
3	High sensitivity variable-temperature infrared nanoscopy of conducting oxide interfaces. <i>Nature Communications</i> , 2019, 10, 2774.	5.8	16
4	Near-field imaging of graphene triangles patterned by helium ion lithography. <i>Nanotechnology</i> , 2018, 29, 385205.	1.3	9
5	Nanoinfrared Characterization of Bilayer Graphene Conductivity under Dual-Gate Tuning. <i>Nano Letters</i> , 2021, 21, 5151-5157.	4.5	8
6	Nanofocusing of the free-space optical energy with plasmonic Tamm states. <i>Scientific Reports</i> , 2016, 6, 39125.	1.6	7
7	Electronic transport in submicrometric channels at the $\text{LaAlO}_3/\text{SiO}_2/\text{Si}$ interface. <i>Physical Review B</i> , 2021, 103, .	1.1	3
8	In-plane reflection phase engineering of graphene plasmons realized by electronic boundary design at the nanoscale. <i>AIP Advances</i> , 2022, 12, .	0.6	3
9	Phase-shift-mediated sensitive detection of propagating ultra-confined graphene plasmons. <i>Optics Express</i> , 2022, 30, 1228.	1.7	1