

# Weiwei Li

## List of Publications by Year in descending order

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22  
papers

1,063  
citations

687220

13  
h-index

677027

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g-index

22  
all docs

22  
docs citations

22  
times ranked

1732  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Thin Film Fabrication Techniques on the Performance of rGO Based NO <sub>2</sub> Gas Sensors at Room Temperature. <i>Chemosensors</i> , 2022, 10, 119.	1.8	4
2	Highly Sensitive, Selective, Flexible and Scalable Room-Temperature NO <sub>2</sub> Gas Sensor Based on Hollow SnO <sub>2</sub> /ZnO Nanofibers. <i>Molecules</i> , 2021, 26, 6475.	1.7	9
3	Enhanced room-temperature NO <sub>2</sub> -sensing performance of AgNPs/rGO nanocomposites. <i>Chemical Physics Letters</i> , 2020, 738, 136873.	1.2	9
4	Flexible nitrogen dioxide gas sensor based on reduced graphene oxide sensing material using silver nanowire electrode. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 058101.	0.2	1
5	Reduced Graphene Oxide/Mesoporous ZnO NSs Hybrid Fibers for Flexible, Stretchable, Twisted, and Wearable NO <sub>2</sub> E-Textile Gas Sensor. <i>ACS Sensors</i> , 2019, 4, 2809-2818.	4.0	114
6	Photoelectric Synaptic Plasticity Realized by 2D Perovskite. <i>Advanced Functional Materials</i> , 2019, 29, 1902538.	7.8	132
7	Influence of low-dimension carbon-based electrodes on the performance of SnO <sub>2</sub> nanofiber gas sensors at room temperature. <i>Nanotechnology</i> , 2019, 30, 345503.	1.3	18
8	High-Response Room-Temperature NO <sub>2</sub> Sensor and Ultrafast Humidity Sensor Based on SnO <sub>2</sub> with Rich Oxygen Vacancy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13441-13449.	4.0	108
9	UV light irradiation enhanced gas sensor selectivity of NO <sub>2</sub> and SO <sub>2</sub> using rGO functionalized with hollow SnO <sub>2</sub> nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 443-452.	4.0	112
10	Adsorption of NO <sub>2</sub> by hydrazine hydrate-reduced graphene oxide. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 118102.	0.2	2
11	All-Inorganic Perovskite Nanowiresâ€“InGaZnO Heterojunction for High-Performance Ultravioletâ€“Visible Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7231-7238.	4.0	53
12	Heterostructured graphene quantum dot/WSe <sub>2</sub> /Si photodetector with suppressed dark current and improved detectivity. <i>Nano Research</i> , 2018, 11, 3233-3243.	5.8	67
13	Sprayed, Scalable, Wearable, and Portable NO <sub>2</sub> Sensor Array Using Fully Flexible AgNPs-All-Carbon Nanostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 34485-34493.	4.0	74
14	Novel Transfer Behaviors in 2D MoS <sub>2</sub> /WSe <sub>2</sub> Heterotransistor and Its Applications in Visibleâ€“Near Infrared Photodetection. <i>Advanced Electronic Materials</i> , 2017, 3, 1600502.	2.6	51
15	Lateral multilayer/monolayer MoS <sub>2</sub> heterojunction for high performance photodetector applications. <i>Scientific Reports</i> , 2017, 7, 4505.	1.6	35
16	High-performance heterogeneous complementary inverters based on n-channel MoS <sub>2</sub> and p-channel SWCNT transistors. <i>Nano Research</i> , 2017, 10, 276-283.	5.8	13
17	Confined Formation of Ultrathin ZnO Nanorods/Reduced Graphene Oxide Mesoporous Nanocomposites for High-Performance Room-Temperature NO <sub>2</sub> Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 35454-35463.	4.0	210
18	NO <sub>2</sub> -induced performance enhancement of PEDOT:PSS/Si hybrid solar cells with a high efficiency of 13.44%. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7184-7189.	1.3	11

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19	Multi-layer graphene treated by O <sub>2</sub> plasma for transparent conductive electrode applications. <i>Materials Letters</i> , 2012, 73, 187-189.	1.3	13
20	The influence of film thickness and process temperature on c-axis orientation of Bi <sub>3</sub> TiTaO <sub>9</sub> thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2007, 42, 271-276.	1.1	2
21	A novel microsensor fabricated with charge-flow transistor and a Langmuir-Blodgett organic semiconductor film. <i>Thin Solid Films</i> , 2003, 424, 247-252.	0.8	14
22	Synthesis and characterization of Sr <sub>1-x</sub> BaxBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> ferroelectric materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2003, 99, 352-355.	1.7	11