

# Shaoxian Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1230515/publications.pdf>

Version: 2024-02-01

10  
papers

152  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Millisecond lattice gasification for high-density CO <sub>2</sub> - and O <sub>2</sub> -sieving nanopores in single-layer graphene. <i>Science Advances</i> , 2021, 7, .	10.3	47
2	Hydrogen-sieving single-layer graphene membranes obtained by crystallographic and morphological optimization of catalytic copper foil. <i>Journal of Membrane Science</i> , 2020, 612, 118406.	8.2	21
3	Chemical etching of a semiconductor surface assisted by single sheets of reduced graphene oxide. <i>Carbon</i> , 2018, 127, 681-687.	10.3	20
4	Bottom-up synthesis of graphene films hosting atom-thick molecular-sieving apertures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	14
5	Structure Evolution of Graphitic Surface upon Oxidation: Insights by Scanning Tunneling Microscopy. <i>Jacs Au</i> , 2022, 2, 723-730.	7.9	14
6	Catalytic Properties of Chemically Modified Graphene Sheets to Enhance Etching of Ge Surface in Water. <i>Journal of Physical Chemistry C</i> , 2020, 124, 6121-6129.	3.1	12
7	Systematic design of millisecond gasification reactor for the incorporation of gas-sieving nanopores in single-layer graphene. <i>Journal of Membrane Science</i> , 2021, 637, 119628.	8.2	9
8	Investigation of reaction sequence occurring in graphene-assisted chemical etching of Ge surfaces in water. <i>Materials Science in Semiconductor Processing</i> , 2018, 87, 32-36.	4.0	6
9	Atomic-scale insights into the origin of rectangular lattice in nanographene probed by scanning tunneling microscopy. <i>Physical Review B</i> , 2021, 103, .	3.2	5
10	Quantifying the optimal thickness in polymer:fullerene solar cells from the analysis of charge transport dynamics and photoabsorption. <i>Sustainable Energy and Fuels</i> , 2022, 6, 756-765.	4.9	4