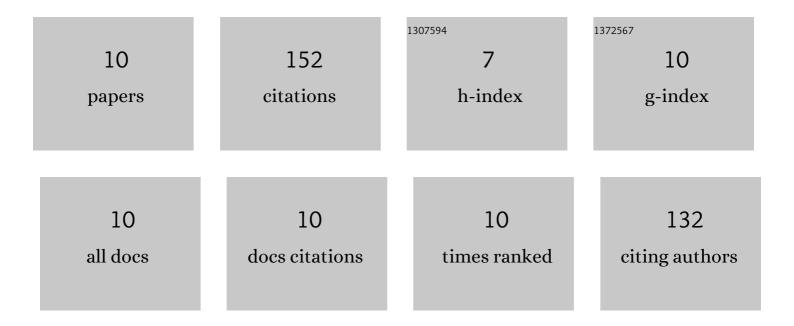
Shaoxian Li

List of Publications by Year in descending order

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SHAOYIANLI

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