

# Ran Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1808213/publications.pdf>

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9  
papers

196  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Supramolecular Fractals from Generation 1 to 5. Journal of the American Chemical Society, 2018, 140, 14087-14096.	13.7	48
2	Single-Atom Switches and Single-Atom Gaps Using Stretched Metal Nanowires. ACS Nano, 2016, 10, 9695-9702.	14.6	43
3	Fabricating Atom-Sized Gaps by Field-Aided Atom Migration in Nanoscale Junctions. Physical Review Applied, 2018, 9, .	3.8	31
4	Shaping the Atomic-Scale Geometries of Electrodes to Control Optical and Electrical Performance of Molecular Devices. Small, 2018, 14, e1703815.	10.0	28
5	A method to study electronic transport properties of molecular junction: one-dimension transmission combined with three-dimension correction approximation (OTCTCA). Scientific Reports, 2016, 6, 21946.	3.3	20
6	Stable Universal 1â€•and 2â€•Input Singleâ€•Molecule Logic Gates. Advanced Materials, 2022, 34, e2202135.	21.0	10
7	Effect of H2O Adsorption on Negative Differential Conductance Behavior of Single Junction. Scientific Reports, 2017, 7, 4195.	3.3	8
8	Decoding Forming Processes of Different Contact Configurations in Au- and Ag-Electrode Single-Molecule Junctions. Journal of Physical Chemistry C, 2021, 125, 27290-27297.	3.1	5
9	Molecular Devices: Shaping the Atomic-Scale Geometries of Electrodes to Control Optical and Electrical Performance of Molecular Devices (Small 15/2018). Small, 2018, 14, 1870066.	10.0	3