

# 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

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1306789

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1473754

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docs citations

9  
times ranked

254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembly of Supramolecular Fractals from Generation 1 to 5. <i>Journal of the American Chemical Society</i> , 2018, 140, 14087-14096.	6.6	48
2	Single-Atom Switches and Single-Atom Gaps Using Stretched Metal Nanowires. <i>ACS Nano</i> , 2016, 10, 9695-9702.	7.3	43
3	Fabricating Atom-Sized Gaps by Field-Aided Atom Migration in Nanoscale Junctions. <i>Physical Review Applied</i> , 2018, 9, .	1.5	31
4	Shaping the Atomic-Scale Geometries of Electrodes to Control Optical and Electrical Performance of Molecular Devices. <i>Small</i> , 2018, 14, e1703815.	5.2	28
5	A method to study electronic transport properties of molecular junction: one-dimension transmission combined with three-dimension correction approximation (OTCTCA). <i>Scientific Reports</i> , 2016, 6, 21946.	1.6	20
6	Stable Universal 1â€•and 2â€•Input Singleâ€•Molecule Logic Gates. <i>Advanced Materials</i> , 2022, 34, e2202135.	11.1	10
7	Effect of H2O Adsorption on Negative Differential Conductance Behavior of Single Junction. <i>Scientific Reports</i> , 2017, 7, 4195.	1.6	8
8	Decoding Forming Processes of Different Contact Configurations in Au- and Ag-Electrode Single-Molecule Junctions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27290-27297.	1.5	5
9	Molecular Devices: Shaping the Atomic-Scale Geometries of Electrodes to Control Optical and Electrical Performance of Molecular Devices ( <i>Small</i> 15/2018). <i>Small</i> , 2018, 14, 1870066.	5.2	3