

# Zhikai Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2332681/publications.pdf>

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10  
papers

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1307594

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213  
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#	ARTICLE	IF	CITATIONS
1	A Mechanical Single-molecule Potentiometer Based on Foldamer. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 335-336.	2.6	0
2	In-situ control of on-chip angstrom gaps, atomic switches, and molecular junctions by light irradiation. <i>Nano Today</i> , 2021, 39, 101226.	11.9	16
3	<i>In situ</i> photoconductivity measurements of imidazole in optical fiber break-junctions. <i>Nanoscale Horizons</i> , 2021, 6, 386-392.	8.0	17
4	Atomic switches of metallic point contacts by plasmonic heating. <i>Light: Science and Applications</i> , 2019, 8, 34.	16.6	26
5	Shaping the Atomic-Scale Geometries of Electrodes to Control Optical and Electrical Performance of Molecular Devices. <i>Small</i> , 2018, 14, e1703815.	10.0	28
6	Molecular Orbital Gating Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2018, 12, 11229-11235.	14.6	27
7	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.	10.0	3
8	Mechanical modulation of terahertz wave via buckled carbon nanotube sheets. <i>Optics Express</i> , 2018, 26, 28738.	3.4	17
9	On-Chip Break Junctions and Period-Adjustable Grating Driven by Thermal Stress. <i>Nano</i> , 2017, 12, 1750139.	1.0	2
10	Single-Atom Switches and Single-Atom Gaps Using Stretched Metal Nanowires. <i>ACS Nano</i> , 2016, 10, 9695-9702.	14.6	43