

Zhikai Zhao

List of Publications by Year in descending order

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

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papers

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1307594

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11
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11
docs citations

11
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213
citing authors

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