

# Luke William Smith

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7

papers

96

citations

5

h-index

9

g-index

9

ext. papers

115

ext. citations

9.1

avg, IF

1.17

L-index

#	Paper	IF	Citations
7	Many-body effects in a quasi-one-dimensional electron gas. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	31
6	Ideal discrete energy levels in synthesized Au nanoparticles for chemically assembled single-electron transistors. <i>ACS Nano</i> , <b>2012</b> , 6, 9972-7	16.7	22
5	Statistical study of conductance properties in one-dimensional quantum wires focusing on the 0.7 anomaly. <i>Physical Review B</i> , <b>2014</b> , 90,	3.3	18
4	Random telegraph signals by alkanethiol-protected Au nanoparticles in chemically assembled single-electron transistors. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 223717	2.5	12
3	Compressibility measurements of quasi-one-dimensional quantum wires. <i>Physical Review Letters</i> , <b>2011</b> , 107, 126801	7.4	10
2	High-Throughput Electrical Characterization of Nanomaterials from Room to Cryogenic Temperatures. <i>ACS Nano</i> , <b>2020</b> , 14, 15293-15305	16.7	2
1	Electrically Controllable Kondo Correlation in Spin-Orbit-Coupled Quantum Point Contacts.. <i>Physical Review Letters</i> , <b>2022</b> , 128, 027701	7.4	1