

# Luke William Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8231662/publications.pdf>

Version: 2024-02-01

9  
papers

124  
citations

1478280  
6  
h-index

1719901  
7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Many-body effects in a quasi-one-dimensional electron gas. <i>Physical Review B</i> , 2014, 90, .	1.1	39
2	Ideal Discrete Energy Levels in Synthesized Au Nanoparticles for Chemically Assembled Single-Electron Transistors. <i>ACS Nano</i> , 2012, 6, 9972-9977.	7.3	24
3	Statistical study of conductance properties in one-dimensional quantum wires focusing on the 0.7 anomaly. <i>Physical Review B</i> , 2014, 90, .	1.1	21
4	Compressibility Measurements of Quasi-One-Dimensional Quantum Wires. <i>Physical Review Letters</i> , 2011, 107, 126801.	2.9	14
5	Random telegraph signals by alkanethiol-protected Au nanoparticles in chemically assembled single-electron transistors. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	13
6	Electrically Controllable Kondo Correlation in Spin-Orbit-Coupled Quantum Point Contacts. <i>Physical Review Letters</i> , 2022, 128, 027701.	2.9	8
7	High-Throughput Electrical Characterization of Nanomaterials from Room to Cryogenic Temperatures. <i>ACS Nano</i> , 2020, 14, 15293-15305.	7.3	5
8	Threshold tuning method for arrays of split-gate nanostructure transistors in series. , 2014, , .		0
9	Giant Magnetoresistance in a Chemical Vapor Deposition Graphene Constriction. <i>ACS Nano</i> , 2022, , .	7.3	0