

Shamith U Payagala

List of Publications by Year in descending order

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9
papers

79
citations

2258059

3
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Devices for Tabletop and High-Current Quantized Hall Resistance Standards. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1870-1878.	4.7	32
2	Towards epitaxial graphene p-n junctions as electrically programmable quantum resistance standards. Scientific Reports, 2018, 8, 15018.	3.3	31
3	Comparison of a 100-pF Capacitor With a 12 906- Ω Resistor Using a Digital Impedance Bridge. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-7.	4.7	4
4	Design, Construction, and Calibration of a Temperature Monitoring System for Resistance Standards. Journal of Research of the National Institute of Standards and Technology, 2017, 122, 1-9.	1.2	3
5	Onsager-Casimir frustration from resistance anisotropy in graphene quantum Hall devices. Physical Review B, 2021, 104, .	3.2	3
6	Comparison Between Graphene and GaAs Quantized Hall Devices With a Dual Probe. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9374-9380.	4.7	2
7	Using a Natural Ratio to Compare DC and AC Resistances. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5614-5619.	4.7	2
8	An AC-DC resistor based on a silicon wafer. , 2016, , .		1
9	Advanced Temperature-Control Chamber for Resistance Standards. Journal of Research of the National Institute of Standards and Technology, 2020, 125, 125012.	1.2	1