

Towards a quantum resistance standard based on epitaxial

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Citation Report

#	ARTICLE	IF	CITATIONS
1	<i>Colloquium</i>: The transport properties of graphene: An introduction. Reviews of Modern Physics, 2010, 82, 2673-2700.	16.4	884
2	Dynamic Hall Effect Driven by Circularly Polarized Light in a Graphene Layer. Physical Review Letters, 2010, 105, 227402.	2.9	150
3	Can graphene set new standards?. Nature Nanotechnology, 2010, 5, 171-172.	15.6	29
4	Analysis of the Formation Conditions for Large Area Epitaxial Graphene on SiC Substrates. Materials Science Forum, 0, 645-648, 565-568.	0.3	62
5	Growth of monolayer graphene on 8° off-axis 4H-SiC (0001) substrates with application to quantum transport devices. Applied Physics Letters, 2010, 97, 093107.	1.5	21
6	Observation of the integer quantum Hall effect in high quality, uniform wafer-scale epitaxial graphene films. Applied Physics Letters, 2010, 97, 252101.	1.5	15
7	Design considerations for a CCC bridge with complete digital control. , 2010, , .		2
8	Quantum oscillations and quantum Hall effect in epitaxial graphene. Physical Review B, 2010, 81, .	1.1	168
9	Shubnikov-de Haas and Aharonov Bohm effects in a graphene nanoring structure. Applied Physics Letters, 2010, 96, .	1.5	22
10	Characterisation of epitaxial Graphene structures. , 2010, , .		0
11	Probing the electrical anisotropy of multilayer graphene on the Si face of 6H-SiC. Physical Review B, 2010, 82, .	1.1	29
12	Preparation and characterisation of exfoliated graphene for quantum resistance metrology. , 2010, , .		0
13	Current status of self-organized epitaxial graphene ribbons on the C face of 6H-SiC substrates. Journal Physics D: Applied Physics, 2010, 43, 374011.	1.3	29
14	Towards optimisation of epitaxially grown graphene based sensors for highly sensitive gas detection. , 2010, , .		1
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18	Plasmon damping below the Landau regime: the role of defects in epitaxial graphene. New Journal of Physics, 2010, 12, 033017.	1.2	68

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20	Charge transfer between epitaxial graphene and silicon carbide. Applied Physics Letters, 2010, 97, .	1.5	145
21	Wafer-scale epitaxial graphene growth on the Si-face of hexagonal SiC (0001) for high frequency transistors. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2010, 28, 985-992.	0.6	95
22	Half-Integer Quantum Hall Effect in Gate-Controlled Epitaxial Graphene Devices. Applied Physics Express, 2010, 3, 075102.	1.1	64
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24	Toward a determination of the fine structure constant at LNE by means of a new Thompsonâ€“Lampard calculable capacitor This paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at $\text{\AA}$ cole de Physique, les Houches, France, 30 Mayâ€“â€“4 June, 2010.. Canadian Journal of Physics. 2011, 89, 169-176.	0.4	8
25	Mapping of Local Electrical Properties in Epitaxial Graphene Using Electrostatic Force Microscopy. Nano Letters, 2011, 11, 2324-2328.	4.5	82
26	Multicomponent magneto-optical conductivity of multilayer graphene on SiC. Physical Review B, 2011, 84, .	1.1	44
27	Terahertz Radiation Driven Chiral Edge Currents in Graphene. Physical Review Letters, 2011, 107, 276601.	2.9	118
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