

Anthony R Wright

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

401
citations

840776

11
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

565
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Optical Conductivity of Bilayer Graphene Nanoribbons in the Terahertz Regime. Physical Review Letters, 2009, 103, 207401.	7.8	133
2	Competition between d -wave and topological p -wave superconducting phases in the doped Kitaev-Heisenberg model. Physical Review B, 2012, 85, .	3.2	54
3	Orbital magnetization of graphene and graphene nanoribbons. Journal of Applied Physics, 2008, 103, 103711.	2.5	36
4	Realising Haldane's vision for a Chern insulator in buckled lattices. Scientific Reports, 2013, 3, 2736.	3.3	25
5	The effect of next nearest neighbor coupling on the optical spectra in bilayer graphene. Nanotechnology, 2009, 20, 405203.	2.6	24
6	Spin-orbit interaction enhanced polaron effect in two-dimensional semiconductors. Applied Physics Letters, 2007, 90, 112103.	3.3	23
7	Zeeman-field-induced topological phase transitions in triplet superconductors. Physical Review B, 2014, 90, .	3.2	20
8	Robust one-dimensional wires in lattice mismatched bilayer graphene. Applied Physics Letters, 2011, 98, 251902.	3.3	13
9	Two color plasmon excitation in an electron-hole bilayer structure controlled by the spin-orbit interaction. Applied Physics Letters, 2006, 88, 223102.	3.3	12
10	Thermodynamic properties of graphene nanoribbons under zero and quantizing magnetic fields. Microelectronics Journal, 2009, 40, 716-718.	2.0	12
11	Localized Many-Particle Majorana Modes with Vanishing Time-Reversal Symmetry Breaking in Double Quantum Dots. Physical Review Letters, 2013, 111, 096801.	7.8	11
12	A professional development climate course for sustainable agriculture in Australia. Environmental Education Research, 2009, 15, 417-441.	2.9	10
13	Terahertz band-gap in InAs/GaSb type-II superlattices. Microelectronics Journal, 2009, 40, 812-814.	2.0	10
14	The spin-orbit interaction enhanced terahertz absorption in graphene around the K point. Microelectronics Journal, 2009, 40, 857-859.	2.0	7
15	Stretching induced Hall current and conductance anisotropy in graphene. Applied Physics Letters, 2009, 95, .	3.3	5
16	Splitting of the roton minimum in the $\frac{1}{2}$ state. Physical Review B, 2012, 86, .	3.2	3
17	Signatures of the Berry curvature in the frequency dependent interlayer magnetoresistance in tilted magnetic fields. Journal of Physics Condensed Matter, 2014, 26, 085801.	1.8	2
18	Many-particle Majorana bound states: Derivation and signatures in superconducting double quantum dots. Physica Status Solidi (B): Basic Research, 2015, 252, 1731-1742.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Mid-infrared absorption by short-period InAs/GaSb type II superlattices. Microelectronics Journal, 2009, 40, 815-817.	2.0	0
20	Exchange-induced band hybridization in InAs/GaSb based type II and broken-gap quantum well systems. Microelectronics Journal, 2009, 40, 809-811.	2.0	0
21	Terahertz transmittance in bilayer graphene. , 2009, , .		0