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Tuning field-induced energy gap of bilayer graphene via interlayer spacing

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#	Paper	IF	Citations
90	Bias voltage induced n- to p-type transition in epitaxial bilayer graphene on SiC. <i>Physical Review B</i> , 2009 , 80,	3.3	14
89	Strain and electric field modulation of the electronic structure of bilayer graphene. <i>Physical Review B</i> , 2009 , 80,	3.3	66
88	Magnetism of semiconductor-based magnetic tunnel junctions under electric field from first principles. <i>Applied Physics Letters</i> , 2009 , 94, 252102	3.4	2
87	Electronic and magnetic properties of zigzag edge graphene nanoribbons with Stone-Wales defects. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 3354-3358	2.3	40
86	Electronic properties of zigzag graphene nanoribbons on Si(001). <i>Applied Physics Letters</i> , 2009 , 95, 023107	3.4	26
85	Semiconducting to Half-Metallic to Metallic Transition on Spin-Resolved Zigzag Bilayer Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 13098-13105	3.8	40
84	Influence of disorder on conductance in bilayer graphene under perpendicular electric field. <i>Nano Letters</i> , 2010 , 10, 3888-92	11.5	106
83	Magnetism in armchair BC ₂ N nanoribbons. <i>Applied Physics Letters</i> , 2010 , 96, 133103	3.4	17
82	Electronic and magnetic properties of zigzag graphene nanoribbons with periodic protruded edges. <i>Physical Review B</i> , 2010 , 82,	3.3	16
81	Band engineering of bilayer graphene by metal atoms: First-principles calculations. <i>Applied Physics Letters</i> , 2010 , 96, 231916	3.4	10
80	Electronic Properties of Bilayer Zigzag Graphene Nanoribbons: First Principles Study. <i>Chinese Physics Letters</i> , 2011 , 28, 047304	1.8	6
79	Tunable electronic structures of graphene/boron nitride heterobilayers. <i>Applied Physics Letters</i> , 2011 , 98, 083103	3.4	188
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75	Current injection by coherent one- and two-photon excitation in graphene and its bilayer. <i>Physical Review B</i> , 2011 , 83,	3.3	41
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72	Nonlinear-Linear Transition of Magnetoelectric Effect in Magnetic Graphene Nanoflakes on Substrates. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 626-631	3.8	12
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66	Enhancement of the Raman scattering intensity in folded bilayer graphene. <i>Journal of the Korean Physical Society</i> , 2012 , 60, 1278-1281	0.6	4
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