

# Paweł Potasz

## Lista publikacji

z dnia 31 października 2012

### Publikacje w czasopismach:

1. Sheng W., Korkusiński M., Güçlü A. D., Zieliński M., Potasz P., Kadantsev E. S., Voznyy O., Hawrylak P., 2012, ***Electronic and optical properties of semiconductor and graphene quantum dots***, *Frontiers of Physics* 7 (3): 19-43
2. Potasz P., Güçlü A. D., Wójs A., Hawrylak P., 2012, ***Electronic properties of gated triangular graphene quantum dots: Magnetism, correlations, and geometrical effects***, *Phys. Rev. B* 85: 075431
3. Güçlü A. D., Potasz P., Hawrylak P., 2011, ***Electric-field controlled spin in bilayer triangular graphene quantum dots***, *Phys. Rev. B* 84: 035425
4. Potasz P., Güçlü A. D., Voznyy O., Folk J. A., Hawrylak P., 2011, ***Electronic and magnetic properties of triangular graphene quantum rings***, *Phys. Rev. B* 83: 174441
5. Voznyy O., Güçlü A. D., Potasz P., Hawrylak P., 2011, ***Effect of edge reconstruction and passivation on zero-energy states and magnetism in triangular graphene quantum dots with zigzag edges***, *Phys. Rev. B* 83: 165417
6. Potasz P., Güçlü A. D., Hawrylak P., 2010, ***Spin and electronic correlations in gated graphene quantum rings***, *Phys. Rev. B* 82: 075425
7. Güçlü A. D., Potasz P., Hawrylak P., 2010, ***Excitonic absorption in gate-controlled graphene quantum dots***, *Phys. Rev. B* 82: 155445
8. Potasz P., Güçlü A. D., Hawrylak P., 2010, ***Zero-energy states in triangular and trapezoidal graphene structures***, *Phys. Rev. B* 81: 033403
9. Güçlü A. D., Potasz P., Voznyy O., Korkusiński M., Hawrylak P., 2009, ***Magnetism and correlations in fractionally filled degenerate shells of graphene quantum dots***, *Phys. Rev. B* 103: 246805
10. Potasz P., Güçlü A. D., Hawrylak P., 2009, ***Electronic shells of Dirac Fermions in graphene quantum rings in a magnetic field***, *Acta Phys. Polonica A* 116: 832-834

### Prace konferencyjne i doniesienia zjazdowe

1. Güçlü A. D., Potasz P., Hawrylak P., 2011, ***Optical properties of graphene quantum dots with fractionally filled degenerate shell of zero energy states***, *AIP Conference Proceedings* 1399: 771-772