

List of scientific publications by Pawel Jakubczyk:

1. P. Jakubczyk, M. Napiórkowski, “*Adsorption in a non-symmetric wedge*”, Phys. Rev. E **66**, 041107 (2002)
2. P. Jakubczyk, M. Napiórkowski, “*Interfacial correlation function for adsorption at a disc*”, Physica A **334**, 173 (2004)
3. P. Jakubczyk, M. Napiórkowski, “*The influence of droplet size on line tension*”, J. Phys. : Condens. Matter **16**, 6917 (2004)
4. P. Jakubczyk, M. Napiórkowski, “*Influence of inhomogeneous substrate curvature on line tension*”, Phys. Rev. E **72**, 011603 (2005)
5. P. Jakubczyk, M. Napiórkowski, and A. O. Parry, “*Point tension in adsorption at a chemically inhomogeneous substrate in two dimensions*”, Phys. Rev. E **74**, 031608 (2006)
6. P. Jakubczyk, M. Napiórkowski, “*Interfacial morphology and correlations in adsorption at a chemically structured substrate – exact results in $d=2$* ”, J. Phys. A: Math. Theor. **40**, 2263 (2007)
7. P. Jakubczyk, P. Strack, A.A. Katanin, W. Metzner, “*Renormalization group for phases with broken discrete symmetry near quantum critical points*”, Phys. Rev. B **77**, 195120 (2008)
8. P. Jakubczyk, “*Renormalized φ^6 model for quantum phase transitions in systems of itinerant fermions*”, Phys. Rev. B **79**, 125115 (2009)
9. P. Strack, P. Jakubczyk, “*Phase boundary and finite temperature crossovers of the quantum Ising model in two dimensions*”, Phys. Rev. B **80**, 085108 (2009)
10. P. Jakubczyk, W. Metzner, H. Yamase, “*Turning a First Order Quantum Phase Transition Continuous by Fluctuations: General Flow Equations and Application to d-Wave Pomeranchuk Instability*”, Phys. Rev. Lett. **103**, 220602 (2009)
11. P. Jakubczyk, J. Bauer, W. Metzner, “*Finite temperature crossovers near quantum tricritical points in metals*”, Phys. Rev. B **82**, 045103 (2010)
12. H. Yamase, P. Jakubczyk, “*Singular nonordering susceptibility at a Pomeranchuk instability*”, Phys. Rev. B **82**, 155119 (2010)
13. H. Yamase, P. Jakubczyk, W. Metzner, “*Nematic quantum criticality without order*”, Phys. Rev. B **83**, 125121 (2011)
14. J. Bauer, P. Jakubczyk, W. Metzner, “*Critical temperature and Ginzburg region near a quantum critical point in two-dimensional metals*”, Phys. Rev. B **84**, 075122 (2011)
15. P. Jakubczyk, “*Capillary-wave models and the effective-average-action scheme of functional renormalization group*”, Phys. Rev. E **84**, 021124 (2011)