

LIST OF PUBLICATIONS

1. L. Pendo, E. M. Handberg, V. N. Smelyanskiy, and A. G. Petukhov, "Large Stark effect for Li donor spins in Si," *Phys. Rev. B* **88**, 045307 (2013).
2. L. Makinistian, M. M. Faiz, R. P. Panguluri, B. Balke, S. Wurmehl, C. Felser, E. A. Albanesi, A. G. Petukhov, and B. Nadgorny, "On the half-metallicity of Co₂FeSi Heusler alloy: Point-contact Andreev reflection spectroscopy and *ab initio* study," *Phys. Rev. B* **87**, 220402(R) (2013).
3. J. M. Pientka, R. Oszwaldowski, A. G. Petukhov, J. E. Han, and I. Žutić, "Reentrant Formation of Magnetic Polarons in Quantum Dots," *Phys. Rev. B* **86**, 161403(R) (2012).
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5. Andre Petukhov, "Spins Jump Another Threshold," *Physics*, 5, 7 (2012).
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6. Karel Vyborny, J. E. Han, Rafal Oszwaldowski, Igor Zutic, and A. G. Petukhov, "Magnetic Anisotropies of Quantum Dots," *Phys. Rev. B* **85**, 155312 (2012).
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13. J. A. Colón Santana, R. Skomski, V. Singh, V. Palshin, A. Petukhov, Ya. B. Losovyj, A. Sokolov, P. A. Dowben, and I. Ketsman. MAGNETISM OF Cr-DOPED DIAMONDLIKE CARBON. *Journ. Appl. Phys.* **105**, 07A930 (2009).
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