

Список публикаций ведущей организации по диссертации Калитухо И. В.
«Ферромагнитный эффект близости в гибридной структуре ферромагнетик-
полупроводниковая квантовая яма»
МГУ им. М. В. Ломоносова

1. A.M. Smirnov, A.D. Golinskaya, B.M. Saidzhonov, R.B. Vasiliev, V.N. Mantsevich, V. S. Dneprovskii, Exciton-exciton interaction and cascade relaxation of excitons in colloidal CdSe nanoplatelets, *Journal of Luminescence* 229, 117682 (2021) <https://doi.org/10.1016/j.jlumin.2020.117682>
2. E.A. Zhukov, V.N. Mantsevich, D.R. Yakovlev, N.E. Kopteva, E. Kirstein, A. Waag, G. Karczewski, T. Wojtowicz, M. Bayer, Renormalization of the electron g factor in the degenerate two-dimensional electron gas of ZnSe- and CdTe-based quantum wells, *Physical Review B* 102, 125306 (2020), <https://doi.org/10.1103/PhysRevB.102.125306>
3. I. V. Rozhansky, V. N. Mantsevich, N. S. Maslova, P. I. Arseyev, N. S. Averkiev, E. Lähderanta, Split-off states in tunnel-coupled semiconductor heterostructures for ultrafast modulation of spin and optical polarization, *Phys. Rev. B* 101, 045305 (2020) <https://doi.org/10.1103/PhysRevB.101.045305>
4. E. Kirstein, N.V. Kozyrev, M.M. Afanasiev, V.N. Mantsevich, I.S. Krivenko, V.K. Kalevich, M. Salewski, S. Chusnutdinow, T. Wojtowicz, G. Karczewski, Yu.G. Kusrayev, E.A. Zhukov, D.R. Yakovlev, M. Bayer, Short range proximity effect induced by exchange interaction in tunnel-coupled CdTe and (Cd,Mn)Te quantum wells, *Physical Review B* 101, 035301 (2020) <https://doi.org/10.1103/PhysRevB.101.035301>
5. N.S. Maslova, P.I. Arseyev, V.N. Mantsevich, Probing and driving of spin and charge states in double quantum dot under the quench, *Scientific Reports* 9, 3130 (2019) <https://doi.org/10.1038/s41598-019-40038-2>
6. V. N. Mantsevich, I. V. Rozhansky, N. S. Maslova, P. I. Arseyev, N. S. Averkiev, E. Lähderanta, Mechanism of ultrafast spin-polarization switching in nanostructures, *Phys. Rev. B* 99, 115307 (2019) <https://doi.org/10.1103/PhysRevB.99.115307>
7. N. S. Maslova, I. V. Rozhansky, V. N. Mantsevich, P. I. Arseyev, N. S. Averkiev, E. Lähderanta, Dynamic spin injection into a quantum well coupled to a spin-split bound state, *Phys. Rev. B* 97, 195445 (2018) <https://doi.org/10.1103/PhysRevB.97.195445>