

Югова Ирина Анатольевна, д.ф.-м.н., Санкт-Петербургский государственный университет, профессор.

Публикации по теме:

1. Evers E., Kopteva N. E., Yugova I. A. *et al.* Suppression of nuclear spin fluctuations in an InGaAs quantum dot ensemble by GHz-pulsed optical excitation // *npj Quantum Inf.* – 2021. – Vol. 7. – 60.
2. Zhukov E. A., Kirstein E., Kopteva N. E., Heisterkamp F., Yugova I. A. *et al.* Discretization of the total magnetic field by the nuclear spin bath in fluorine-doped ZnSe // *Nat. Commun.* – 2018. – Vol. 9. – 1941.
3. Poltavtsev S. V., Yugova I. A. *et al.* Quantum beats in the polarization of the spin-dependent photon echo from donor-bound excitons in CdTe/(Cd,Mg)Te quantum wells // *Phys. Rev. B.* – 2020. – Vol. 101. – P. 081409(R).
4. Evers E., Belykh V. V., Kopteva N. E., Yugova I. A. *et al.* Decay and revival of electron spin polarization in an ensemble of (In,Ga)As quantum dots // *Phys. Rev. B.* – 2018. – Vol. 98. – P. 075309.
5. Kopteva N. E., Yugova I. A. *et al.* Theoretical Modeling of the Nuclear-Field Induced Tuning of the Electron Spin Precession for Localized Spins // *physica status solidi (b)*. – 2019. – Vol. 256, Issue 6. – P. 1800534.