

Список основных публикаций В.С. Запасского
по циклу работ «Спектроскопия спиновых шумов»

1. В.С. Запасский и С. Г. Пржибельский, «Резонаторное усиление оптической анизотропии и чисто-оптический спектрометр спиновых шумов», Опт. и спектр., том 110, вып. 6, с. 970-978, 2011.
2. E.B.Aleksandrov and V.S.Zapasskii, “Spin Noise Spectroscopy”, J. Phys.: Conf. Ser. V. 324 012002 (2011)
3. E. B. Aleksandrov and V. S. Zapasskii, “Optical and RF Spectroscopy of Spin Noise”, Journal of Physics: Conference Series **397**, 012030 (2012)
4. V. S. Zapasskii, A. Greilich, S. A. Crooker, Yan Li, G. G. Kozlov, D. R. Yakovlev, D. Reuter, A. D. Wieck, and M. Bayer, “Optical spectroscopy of spin noise,” Phys. Rev. Lett., **110**, 176601 (2013)
5. V.S.Zapasskii, “Spin-noise spectroscopy: From proof of principle to applications”, Advances in Optics and Photonics, vol. **5**, 131-168 (2013)
6. P. Glesenapp, A. Greilich, I. I. Ryzhov, V. S. Zapasskii, D. R. Yakovlev, G. G. Kozlov, and M. Bayer, “Resources of polarimetric sensitivity in spin noise spectroscopy”, Phys. Rev. B. 88, 165314 (2013)
7. V. Poltavtsev, I. I. Ryzhov, M. M. Glazov, G. G. Kozlov, V. S. Zapasskii, A. V. Kavokin, P. G. Lagoudakis, D. S. Smirnov, and E. L. Ivchenko, “Spin noise spectroscopy of a single quantum well microcavity”, Phys. Rev. B, 89, 081304(R) (2014)
8. S. V. Poltavtsev, I. I. Ryzhov, R. V. Cherbunin, A. V. Mikhailov, N. E. Kopteva, G. G. Kozlov, K. V. Kavokin, V. S. Zapasskii, P. V. Lagoudakis, and A. V. Kavokin, “Optics of spin-noise-induced gyrotropy of an asymmetric microcavity”, Phys. Rev. B, **89**, 205308 (2014)
9. G.G.Kozlov and V.S.Zapasskii, “Intensity-related optical susceptibility and ‘active’ noise spectroscopy”, J. Phys. B: At. Mol. Opt. Phys. **47** 185401 (2014)
10. M. M. Glazov and V. S. Zapasskii, Linear optics, *Raman scattering, and spin noise spectroscopy*, **OPTICS EXPRESS** **23**, 11713 (2015).
11. I. I. Ryzhov, S. V. Poltavtsev, G. G. Kozlov, A. V. Kavokin, P. V. Lagoudakis, and V. S. Zapasskii, “Spin noise amplification and giant noise in optical microcavity”, J. Appl. Phys. **117**, 224305 (2015).

12. I. I. Ryzhov, S. V. Poltavtsev, K. V. Kavokin, M. M. Glazov, G. G. Kozlov, M. Vladimirova, D. Scalbert, S. Cronenberger, A. V. Kavokin, A. Lemaître, J. Bloch, and V. S. Zapasskii, “Measurements of nuclear spin dynamics by spin-noise spectroscopy” *Appl. Phys. Lett.* **106**, 242405 (2015).