

Список публикаций Гиппиуса Н.А. (официальный оппонент)

1. Anikin E.V., Maslova N.S., **Gippius N.A.**, and Sokolov I.M., Enhanced excitation of a driven bistable system induced by spectrum degeneracy, *Phys. Rev. A* **100**, 043842 (2019)
2. Dyakov S.A., Fradkin I.M., **Gippius N.A.**, Klompmaker L., Spitzer F., Yalcin E., Akimov I.A., Bayer M., Yavsin D.A., Pavlov S.I., Pevtsov A.B., Verbin S.Y., and Tikhodeev S.G., Wide-band enhancement of the transverse magneto-optical Kerr effect in magnetite-based plasmonic crystals, *Phys. Rev. B* **100**, 214411 (2019)
3. Maslova N.S., Anikin E.V., **Gippius N.A.**, Sokolov I.M., Effects of tunneling and multiphoton transitions on squeezed-state generation in bistable driven systems, *Phys. Rev. A* **99**, 043802 (2019).
4. Uvarov A.V., Gavrilov S.S., Kulakovskii V.D., **Gippius N.A.**, Stochastic and deterministic switches in a bistable polariton micropillar under short optical pulses, *Phys. Rev. A* **96**, 033837 (2019).
5. Dyakov S.A., Semenenko V.A., **Gippius N.A.**, Tikhodeev S.G., Magnetic field free circularly polarized thermal emission from a chiral metasurface// *Physical Review B*, **98**, 235416 (2018).
6. Деменев А.А., **Гиппиус Н.А.**, Кулаковский В.Д., Динамика спинорной экситон-поляритонной системы в латерально сжатых GaAs микрорезонаторах при резонансном фотовозбуждении, *ФТТ* **60** (8), 1567 (2018).
7. Shornikova E.V., Biadala L., Yakovlev D.R., Belykh V.V., Bayer M., Sapega V.F., Kusrayev Y.G., Golovatenko A.A., Rodina A.V., Mitioglu A.A., Ballottin M.V., Christianen P.C.M., Kochiev M.V., Sibeldin N.N., **Gippius N.A.**, Kuntzmann A., Jiang Y., Nasilowski M., Dubertret B., Addressing the exciton fine structure in colloidal nanocrystals: the case of CdSe nanoplatelets, *Nanoscale*, **10**(2), 656 (2018).
8. Kulakovskii V.D., Demenev A.A., Brichkin A.S., **Gippius N.A.**, Self-shaping of cavity- polariton systems created by resonant broadband excitation, *Phys. Rev. B* **98**, 205424 (2018).
9. Dyakov S.A., Ignatov A.V., Tikhodeev S.G., **Gippius N.A.**, Circularly polarized thermal emission from chiral metasurface in the absence of magnetic field, *Journal of Physics: Conference Series*, **1092**, 012028(2018).
10. Lobanov S.V., **Gippius N.A.**, Tikhodeev S.G., Butov L.V., Control of light polarization by voltage in excitonic metasurface devices, *Appl. Phys. Lett.* **111**, 241101 (2017).
11. Demenev A.A., Kulakovskii V.D., Schneider C., Brodbeck S., Kamp M., Höfling S., Lobanov S.V., Weiss T., **Gippius N.A.**, Tikhodeev S.G., Circularly polarized lasing in chiral modulated semiconductor microcavity with GaAs quantum wells, *Appl. Phys. Lett.* **109**, 171106 (2016).