

Maciej Pieczarka

Lista publikacji

Publikacje w czasopismach

1. Pieczarka, M., Boozarjmehr, M., Estrecho, E., Yoon, Y., Steger, M., West, K., Pfeiffer, L. N., Nelson, K. A., Snoke, D. W., Truscott, A. G., Ostrovskaya, E. A. (2019). Effect of optically induced potential on the energy of trapped exciton polaritons below the condensation threshold. *Physical Review B*, 100(8), 085301.
2. Pieczarka, M., Syperek, M., Dusanowski, Ł., Misiewicz, J., Langer, F., Forchel, A., Kamp, M., Schneider, C., Hofling, S., Kavokin, A., Sęk, G. (2015). Ghost branch photoluminescence from a polariton fluid under nonresonant excitation. *Physical review letters*, 115(18), 186401.
3. Pieczarka, M., Syperek, M., Dusanowski, Ł., Opala, A., Langer, F., Schneider, C., Hofling, S., Sęk, G. (2017). Relaxation oscillations and ultrafast emission pulses in a disordered expanding polariton condensate. *Scientific reports*, 7(1), 1-8.
4. Opala, A., Pieczarka, M., Matuszewski, M. (2018). Theory of relaxation oscillations in exciton-polariton condensates. *Physical Review B*, 98(19), 195312.
5. Opala, A., Pieczarka, M., Bobrovska, N., Matuszewski, M. (2018). Dynamics of defect-induced dark solitons in an exciton-polariton condensate. *Physical Review B*, 97(15), 155304.