

List of publications

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235 peer-review journal papers, 2 preprints, and a total of 90+ other scientific contributions, including 2 US patents.

Publications in international peer-review journals (indexed in ISI Web of Science):

- [1] **N.A. Mortensen**, K. Flensberg, and A.-P. Jauho, “Angle dependence of Andreev scattering at semiconductor-superconductor interfaces”, *Phys. Rev. B* **59**, 10176 (1999).
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- [4] **N.A. Mortensen**, A.-P. Jauho, and K. Flensberg, “Dephasing in semiconductor-superconductor structures by coupling to a voltage probe”, *Superlattice Microstr.* **28**, 67 (2000).
- [5] J. Erland, V. Mizeikis, W. Langbein, J.R. Jensen, **N.A. Mortensen**, and J.M. Hvam, “Seeding of Polariton Stimulation in a Homogeneously Broadened Microcavity”, *Phys. Stat. Sol. (b)* **221**, 115 (2000).
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- [7] **N.A. Mortensen**, H.M. Rønnow, H. Bruus, and P. Hedegård, “The magnetic neutron scattering resonance of high-Tc superconductors in external magnetic fields: an SO(5) study”, *Phys. Rev. B* **62**, 8703 (2000).
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- [9] M. Titov, **N.A. Mortensen**, H. Schomerus, and C.W.J. Beenakker, “Andreev levels in a single-channel conductor”, *Phys. Rev. B* **64**, 134206 (2001).
- [10] K. Flensberg, T.S. Jensen, and **N.A. Mortensen**, “Diffusion equation and spin drag in spin-polarized transport”, *Phys. Rev. B* **64**, 245308 (2001).
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- [15] **N.A. Mortensen** and J.C. Egues, “Universal spin-polarization fluctuations in 1D wires with magnetic impurities”, *Phys. Rev. B* **66**, 153306 (2002).
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