Publications:

The dynamics of magnetic vortices in type II superconductors with pinning sites studied by the time dependent Ginzburg–Landau model
Publication: Research - peer-review › Journal article – Annual report year: 2016

Negative Differential Resistance due to Nonlinearities in Single and Stacked Josephson Junctions
Publication: Research - peer-review › Journal article – Annual report year: 2014

Negative differential resistance in Josephson junctions coupled to a cavity
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An HTS machine laboratory prototype
Publication: Research - peer-review › Journal article – Annual report year: 2012

Computation of Superconducting Generators for Wind Turbine Applications
Publication: Research › Ph.D. thesis – Annual report year: 2012

Self-consistent Ginzburg-Landau theory for transport currents in superconductors
Publication: Research - peer-review › Journal article – Annual report year: 2012

Simulation of an HTS Synchronous Superconducting Generator
Publication: Research - peer-review › Journal article – Annual report year: 2012

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