

Special Issue

Magnetoplasmatics Material and Devices

Message from the Guest Editor

The purpose of this special issue is to highlight the recent advances in the field of magnetoplasmatics. Topics covered include but not limited to:

- Theory and principle of magnetoplasmatics
- Theory and principle of magneto-optic surface plasmon resonance
- Synthesis of magnetoplasmatic core-shell nano-structured materials
- Theoretical modelling of magnetoplasmatics material
- Characterization of magnetoplasmatic materials
- Oxide and inverse spinel material-based magnetoplasmatics hybrid nanostructures
- Magnetoplasmatic nanocomposites, nanoparticles and nanocrystalline materials
- Si-based materials and magnetoplasmatics
- Magnetoplasmatic material-based biosensors, nanofluidic and nanofabrication
- Magnetoplasmatics and nanobiotechnology/nanobiomaterials and nanomedicine
- Magneto-optic surface plasmon resonance biosensors and potential applications
- Magnetoplasmatics materials for environmental monitoring, surveying, and imaging
- Photonic crystal based magnetoplasmatic devices
- Graphene-based magnetoplasmatic materials and devices



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About the Journal

Message from the Editor-in-Chief

Welcome to *Condensed Matter* (ISSN 2410-3896)! It gives me great pleasure to invite you to publish in the journal. We are looking to build a collection of high quality research articles, supported by a community from across the field of condensed matter physics. In this task, I will be assisted by a highly qualified editorial board. We accept papers on basic research as well as applications, and experimental or theoretical work. Currently the journal is indexed by ESCI (Web of Science) and hope you can consider *Condensed Matter* as an exceptional home for your manuscript.

Editor-in-Chief

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