condensed matter

IMPACT FACTOR 1.7

CITESCORE 3.7

an Open Access Journal by MDPI

Magnetoplamonics Material and Devices

Guest Editor:

Dr. Conrad Rizal
Photonics Laboratory, GEM Systems Inc., Markham, ON L3R 5H6, Canada

Deadline for manuscript submissions:
closed (31 August 2019)

Message from the Guest Editor

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

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

condensed matter

IMPACT FACTOR 1.7

CITESCORE 3.7

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Antonio Bianconi
Rome International Center for Materials Science Superstripes (RICMASS), Via dei Sabelli 119A, 00185 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Condensed Matter Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/condensedmatter
condensedmatter@mdpi.com