Special Issue

Recent Advances and Trends in Plasmonics and Metamaterials

Message from the Guest Editor

In recent years, the development of plasmonics and metamaterials has gained significant attention from scientists and technologists. Based on their extraordinary light manipulation ability, diversified optical functions have been realized, including beam steering and beam shaping, while the working waveband covers from ultraviolet to microwave. In addition to optics, the applications of metamaterials are being extended to acoustics, thermotics, and many other subjects. Thereby, the development of plasmonics and metamaterials promotes the development of many scientific areas such as information technology, nanophotonics, and biosensing. In this Special Issue, the latest progress of plasmonics and metamaterials is highlighted and discussed, including but not limited to theory research, material or structure innovation, fabrication method development, and application expansion. It is my pleasure to invite you to submit a manuscript for this Special Issue. Articles, letters, and reviews are all welcome.

Guest Editor

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Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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