Special Issue

Advances in Graphite Electrode

Message from the Guest Editor

Graphite electrode is widely used in electrochemical applications, especially in Li-ion batteries since their inception. The graphite electrode is suitable for reversible (de)intercalation of Li-ions and supports the formation of the passivating solid-electrolyte interphase (SEI). We welcome your contributions to this special issue on 'Advances in Graphite Electrode' in the journal *Materials(SEIC, ISSN 1996-1944)*, which is an open access journal. The special issue aims to publish both experimental and computational research spotlights, reviews, original research contributions, and short communications. There is no restriction on the maximum length of the papers. Research areas may include (but not limited to) the following: understanding of Li-ion intercalation and transport; reactions leading to solvent decomposition and formation of SEI; characterization and modelling of structure and properties of SEI; reactions such as Li-plating and dendrite growth; etc.

Guest Editor

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Message from the Editor-in-Chief

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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