Special Issue

Role of Magnetochemistry in Applied Physics

Message from the Guest Editors

Research on plasma and its applied physics has become more active in recent years. Plasma is referred to as the fourth state of matter, and can generate chemically reactive species in situ by colliding electrons in a high-energy state with molecules or inorganic/organic materials. Taking advantage of this feature, some technologies are already being developed, and there is a wide range of applied research fields such as process, medicine, and agriculture. On the other hand, it is important to control the plasma, which generates electric field, magnetic field, and UV light as well as reactive species, which requires plasma diagnosis such as flow control and electromagnetic mechanics and chemistry. This Special Issue aims to collect the latest original research papers that show the scope/role of magnetochemistry in plasma applied physics and plasma diagnostic technology and to comprehensively understand plasma application. Potential topics include, but are not limited to: —Plasma diagnostic technology; —Action on inorganic and organic materials (solid and/or liquid phase); —Biomedical/agricultural applications.

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Message from the Editor-in-Chief

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