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## Application of Rapid Design and Preparation Methods for Advanced Structural and Functional Inorganic Materials

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### Message from the Guest Editors

Dear colleagues,

With the development of new devices, apparatuses and application fields, the demand for the R&D of advanced structural and functional materials is increasing. Rapid material design and preparation methods have recently gained much research interest in both the research and application communities due to the time-saving and high-efficiency advantages they offer as compared to conventional techniques. These include the theoretical calculation, high-throughput component screening technology using powders or films. The application of Spark Plasma Sintering (SPS), Selective Laser Sintering (SLS), flash sintering in ceramics preparation, rapid growth of high quality crystals by Optical Floating Zone method or micro-pulling down method (m-PD), functional glass preparation by containerless aerodynamic levitation method, etc. Therefore, a series of new materials have been developed, and consequently, novel structures and/or high performances have been presented. This Special Issue covers these topics and focuses on the recent progress of rapid design and preparation methods for advanced structural and functional inorganic materials.



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## Message from the Editor-in-Chief

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