lubricants

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Advanced Polymeric and Colloidal Lubricants

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Message from the Guest Editors

Dear Colleagues,

Over the past two decades, our understanding of complex intermolecular interactions responsible for friction and wear reduction in mechanical and biomechanical systems has improved significantly. As a result, there has been a burst of novel materials and technologies designed and evaluated to improve efficiency and sustainability of these systems.

Our objective in this Special Issue of *Lubricants* is to provide a platform for you to publish your most recent advances in designing and understanding state-of-the-art polymeric, colloidal and electrolyte-based friction-mediating materials and technologies. We welcome contributions on experimental, theoretical and computer simulation aspects of controlling friction and wear in such materials. We hope that this Special Issue will form a collection of multifaceted articles showcasing the advances in the field of lubricating soft materials. We look forward to reading your notable contributions to this field.

Dr. Vahid Adibnia
Dr. Tianyi Han
Guest Editors