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# Excitons and Phonons in Two-Dimensional Materials: From Fundamental to Applications

Guest Editor:

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### Message from the Guest Editor

Recently, a variety of intriguing excitonic complexes has been identified and described in monolayers of 2D materials: so-called bright and dark complexes, neutral and charged excitons, biexcitons, etc. A family of excitons is even larger in multilayered specimens and artificial van der Waals (vdW) heterostructures. Consequently, the investigation of the phonons modes in 2D materials on account of e-p coupling is essential in terms of potential applications of layered materials. This Special Issue, entitled "Excitons and Phonons in Two-Dimensional Materials: From Fundamental to Applications", aims to cover the entire range of fundamental and applied research associated with excitonic complexes and phonon modes in two-dimensional materials.









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## **Editor-in-Chief**

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### Message from the Editor-in-Chief

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