Special Issue

Artificial Intelligence for Quantum Sciences

Message from the Guest Editor

Recent years have seen a sudden surge in the use of artificial intelligence (AI) methods in a plethora of fundamental sciences and engineering applications. Advances in this booming field have impacted the quantum sciences, yielding a rapid increase in the interest and confidence of the scientific and educational communities in AI-driven methods. One of the famous potential utilizations of AI in quantum sciences is undoubtedly quantum artificial intelligence, which could bring about a new computing revolution. Papers in this Special Issue provide insight into the current utilizations of AI in quantum sciences with examples of studies dealing with AI-driven methods for solving quantum problems. This Special Issue will take the form of two main topics covering studies in research and education. Papers from both communities are welcome. I look forward to receiving your submissions for the production of this Special Issue.

Guest Editor

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Message from the Editor-in-Chief

The scope of *Atoms* is deliberately wide and encompasses a large part of theoretical and experimental atomic,
molecular, nuclear, and chemical physics in order to encourage cross-disciplinary connections, while supporting the more traditional idea of individual subfields. The journal is also interested in papers concerning
the computation and compilation of data related to applications in the above areas. Details of experimental methods and codes are welcome. Your research is taken seriously and peer-reviewed with care. I encourage you
to contact me or any of the Editorial Board Members for further information.

Editor-in-Chief

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