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Schiff Base Derivatives: Synthesis, Crystal Structure, Applications, Hirshfeld Surface Analysis

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Deadline for manuscript submissions:
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Message from the Guest Editors

Schiff bases are one of the most versatile organic compounds with a wide range of applications in different areas. They were reported for the first time by Ugo Schiff since 1864 via the condensation of ketones or aldehydes with primary amines. Schiff bases are powerful chelating ligands and their metal complexes are known to have remarkable biological, catalytic activities and electroluminescent, fluorescence and nonlinear properties that can be used in many research fields for exciting applications. Furthermore, Hirshfeld surface analysis has become a widely used method for exploring intermolecular interactions within a crystal structure in a remarkable way. This Special Issue of *Crystals* is expected to provide an excellent platform to report results that highlights all the aspects related to the synthesis, Hirshfeld surface analysis and crystal structures of Schiff base derivatives, along with their applications.

As Guest Editors for this Special Issue of Crystals, we would like to kindly invite colleagues working in this research area to submit original research articles and reviews on all the aspects of the chemistry of Schiff bases and their metal complexes.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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