Special Issue

Multifunctional Optical Crystals for Raman Lasers

Message from the Guest Editor

Stimulated Raman scattering in crystalline materials is one of the most simple and efficient methods for the nonlinear frequency conversion of laser radiation. An attractive way for the improvement of Raman laser characteristics is to use the same crystal not only for lasing but also for the nonlinear conversion of the laser radiation characteristics.

This Special Issue on “Multifunctional Optical Crystals for Raman Lasers” is intended to provide a unique international forum that covers a broad description of Raman lasers utilizing multifunctional active crystals with various temporal, spectral, and energy properties, as well as multifunctional optical crystal characterizations. Scientists and engineers working with Raman crystals and lasers are invited to contribute to this Special Issue.

Dr. Sergei N. Smetanin

Guest Editor

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About the Journal

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.

Editor-in-Chief

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