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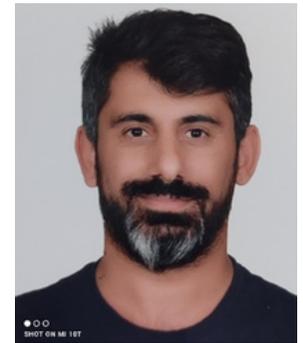
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Call for Paper: Recent Advances of Fractional Calculus and Mathematical Inequalities

Guest Editor

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In recent times, fractional calculus has emerged as a significant field of mathematical analysis, both in terms of theory and its practical applications. It has become a vital tool for modeling and analysis, playing a crucial role in various fields such as fluid mechanics, viscoelasticity, physics, biology, chemistry, dynamical systems, signal processing, and entropy theory. Literature has numerous definitions of fractional integrals and derivatives, and various significant inequalities have been obtained from these definitions. On the other hand, Mathematical integral inequalities are an essential topic in calculus and analysis. They provide a powerful tool for proving mathematical statements and estimating the values of integrals. Integral inequalities are a powerful tool for solving mathematical problems in many fields of study. They allow us to estimate the values of integrals and prove mathematical statements with a high degree of accuracy. By understanding the concepts and techniques related to integral inequalities, we can apply them to a wide range of mathematical problems and gain a deeper understanding of the subject.

This Special Issue aims to publish original, high-quality papers that cover recent advances in the theory of fractional calculus and mathematical inequalities.