Fractal Analysis and Fractal Dimension in Materials Chemistry

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Message from the Guest Editors

After B.B.Mandelbrot published his works regarding fractals, defining them as objects with a peculiar geometry and characterized by fractional exponents, a lot of studies have emerged in the scientific literature. Applications were developed in engineering (fractal antennas), physics and chemistry (heterogeneous catalysis, adsorption, chemical reactions and light scattering on fractal surfaces), computer science (iterative algorithms for image compression) and even in literature of geography. The aim of this Special Issue is to present the state-of-the-art applications of the fractal theory in materials chemistry.

Special Issue