VIBRATIONAL SPECTROSCOPY

TABLE OF CONTENTS

- Description p.1
- Audience p.1
- Impact Factor p.1
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.3

DESCRIPTION

Vibrational Spectroscopy provides a vehicle for the publication of original research that focuses on vibrational spectroscopy. This covers infrared, near-infrared and Raman spectrosopies and publishes papers dealing with developments in applications, theory, techniques and instrumentation.

The topics covered by the journal include:
Sampling techniques, Vibrational spectroscopy coupled with separation techniques, Instrumentation (Fourier transform, conventional and laser based), Data manipulation, Spectra-structure correlation and group frequencies.

The application areas covered include:
Analytical chemistry, Bio-organic and bio-inorganic chemistry, Organic chemistry, Inorganic chemistry, Catalysis, Environmental science, Industrial chemistry, Materials science, Physical chemistry, Polymer science, Process control, Specialized problem solving.

The journal provides its readership with a concise picture of the state of the art of vibrational spectroscopy on a regular basis. In order to achieve this goal the journal publishes review articles, research papers and short communications.

AUDIENCE

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IMPACT FACTOR

2018: 1.861 © Clarivate Analytics Journal Citation Reports 2019
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INTRODUCTION

Vibrational Spectroscopy provides a vehicle for the publication of original research in vibrational spectroscopy. It covers infrared, near-infrared and Raman spectroscopies and publishes papers dealing with developments in applications, theory, techniques and instrumentation. The topics covered by the journal include: Sampling techniques - including diffuse reflectance spectroscopy, reflection-absorption spectroscopy, and photoacoustic spectroscopy; Vibrational spectroscopy coupled with separation techniques; Instrumentation (Fourier transform, conventional and laser based); Data manipulation; Expert systems for identification and structure elucidation; Spectra-structure correlation and group frequencies.

The application areas covered include: Analytical chemistry; Bio-organic and bio-inorganic chemistry; Organic chemistry; Inorganic chemistry; Catalysis; Environmental science; Industrial chemistry; Materials science; Physical chemistry; Polymer science; Process control; Specialized problem solving.

The journal provides its readership with a concise picture of the "state of the art" of vibrational spectroscopy on a regular basis. In order to achieve this goal the journal publishes review articles, news, and book reviews, as well as research papers and short communications.

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