

Press Release

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The January edition of the *Crystallography Times* newsletter is online

Crystallography Times vol. 13, No. 1, focusing on single crystal X-ray diffraction, is available from the Rigaku global website.

January 22, 2021 – The Woodlands, Texas. The January edition of [Crystallography Times](#) from [Rigaku Corporation](#) is now available on the company's global website. *Crystallography Times* is an electronic newsletter published by Rigaku. It serves the X-ray analysis community by presenting current news and research, focusing on single crystal X-ray diffraction. The latest issue highlights several noteworthy crystallography papers from researchers around the world.

The product spotlight presents the [Rigaku XtaLab Synergy-S](#) single crystal X-ray diffractometer. A fast and agile single crystal X-ray diffractometer for small molecule 3D structure analysis, the system operates in either a single or dual source configuration.

Michael Shatruck from [Florida State University](#) is the “Researcher in the Spotlight” for the month. Research in the Shatruck group focuses on inorganic and organic materials chemistry, working in the area of advanced functional materials.



Rigaku XtaLAB Synergy-S single or dual microfocus X-ray diffractometer



The book review for January assess *Editing Humanity: The CRISPR Revolution and the New Era of Genome Editing* by Kevin Davies, a book about the history of gene editing and genetic manipulation, and the ethical and moral implications of such work.

The January edition also highlights a video featuring the 2020 Nobel Lecture on the CRISPR method for genome editing from Dr. Jennifer Doudna, professor of chemistry, biochemistry and molecular biology at University of California, Berkeley. Another video illustrates how an anti-tuberculosis drug stops adenosine triphosphate (ATP) synthesis, which could aid efforts to improve therapeutic options for the disease.

A calendar of celestial events from the *New York Times*, the Crystallographic Open Database and a hypertext book of crystallographic space group diagrams and tables are also presented in the *Useful Links* section.

Readers can subscribe to the newsletter or view the current issue online at <https://www.rigaku.com/subscribe>.

About Rigaku

Since its inception in Japan in 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on general-purpose analytical instrumentation and the life sciences. With hundreds of major innovations to their credit, Rigaku companies are world leaders in X-ray spectrometry, diffraction, and optics, as well as small molecule and protein crystallography and semiconductor metrology. Today, Rigaku employs over 1,400 people in the manufacturing and support of its analytical equipment, which is used in more than 90 countries around the world supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial communities.

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