ChemSpider

The free chemical database

> *I need to know the structure of this compound*

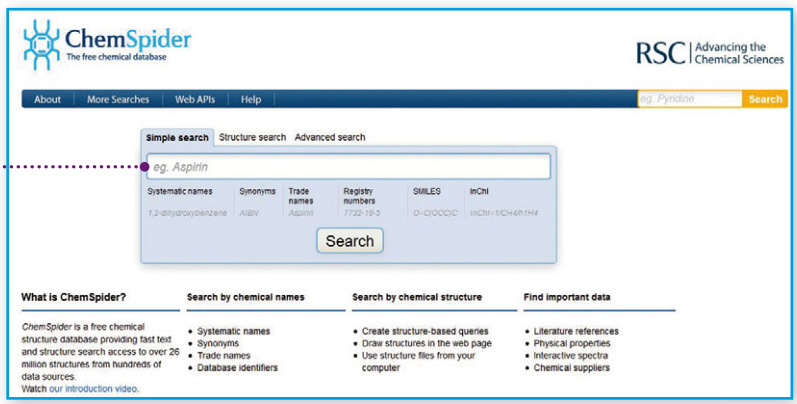
ChemSpider can help you!

We know that chemical naming is hard and that trivial names hide complex structures.

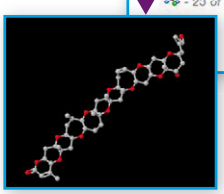
We want to make it easy for you to find this information wherever you are:

● In the lab ● At home ● At a conference

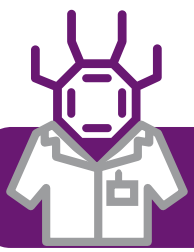
A simple and intuitive text search.



Once you've found a structure, save it in a format that can be opened in any chemical drawing program; use it again and again.



View the image in 3D



And remember, **ChemSpider** gives you access to a database containing 28 million chemical structures and all of this information: **FREE**, for **Anyone**, **Anytime**, **Anywhere**

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www.chemspider.com

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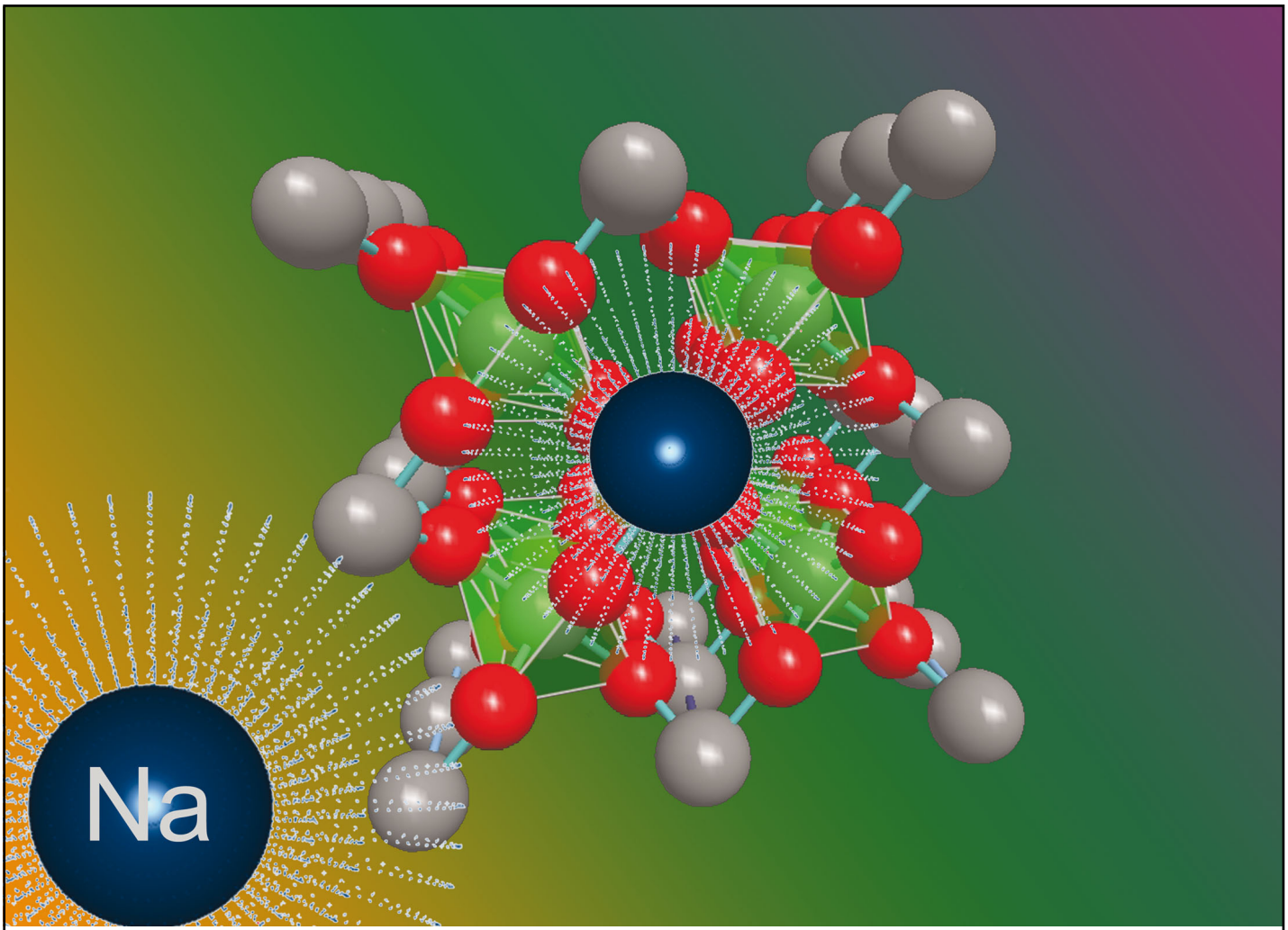

Showcasing collaborations between the Centre for Clean Energy Technology at the University of Technology, Sydney, Australia and WCU Centre for Next Generation Batteries at Gyeongsang National University, South Korea

Title: Octahedral tin dioxide nanocrystals as high capacity anode materials for Na-ion batteries

This work introduces the synthesis of octahedral SnO_2 single crystals with dominantly exposed {221} active facets as anode materials for sodium-ion batteries. The exposed (1×1) tunnel-structure could facilitate the initial insertion of Na ions. The mechanism of the reversible Na storage in SnO_2 crystals was revealed by *ex situ* TEM analyses.

As featured in:

See Wang *et al.*, *Phys. Chem. Chem. Phys.*, 2013, **15**, 12543.

www.rsc.org/pccp

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