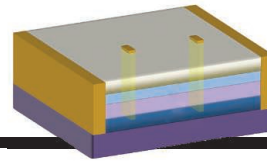


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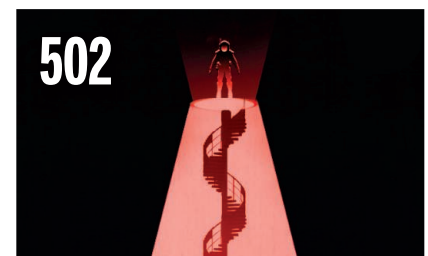
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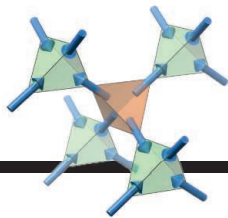
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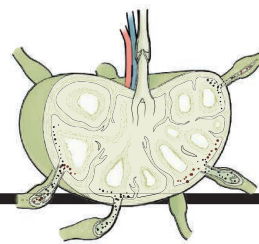


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False-color microscopic view of a reduced graphene oxide electrode (black, center), which hosts the large (on the order of 20 micrometers) lithium hydroxide particles (pink)

that form when a lithium-oxygen battery discharges. Lithium iodide aids in the removal of the particles upon charging, resulting in an efficient and highly energy-dense battery with potential applications in portable electronics, transportation, and grid storage. See page 530.

Illustration: Valerie Altounian/Science

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