

John T. Vaughey

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Professional Experience

- Synthesize, characterize, and assess new materials for lithium-ion batteries and solid oxide fuel cells
- Design and evaluate new primary cathode materials for medical battery applications
- Perform detailed structural studies on secondary lithium-ion battery cathodes
- Synthesize and evaluate thin film alloy materials for microbattery applications

Professional Society Activities

- American Chemical Society, Inorganic and Solid State Chemistry Division
- Neutron Scattering Society of America
- Electrochemical Society

Publications

- 12 patents (+3 applications)
- 91 peer-reviewed publications
- 140 invited presentations

Education

- PhD, Inorganic Chemistry, Northwestern University
- BS, Chemistry, Worcester Polytechnic Institute

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