

COVER PAGE

- **Project name**
Enhanced Lithium Recovery Technologies from Geothermal Brine and Its Conversion to Battery-Grade Lithium Hydroxide
- **Innovation tagline**
 - In-situ LiOH production
- **Link to your 90-second video online**
<https://youtu.be/6uYpQHWqdp0>
- **Key project members**
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 - Dr. Ju Li (Co-principal investigator, liju@mit.edu)
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 - Dr. Sameh Elsaidi (collaborator, samehelsaidi@mail.usf.edu)
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- **Keywords that best describe your solution**
 - Direct lithium extraction; Direct LiOH production; Lithium-selective metal-organic frameworks; Ion concentration polarization;
- **Your city and state**
 - Cambridge, MA, and Chicago, IL
- **The Connectors that significantly helped you advance your solution and the major items with which they helped (if applicable)?**
 - N/A
- **Other partners (if any)**
N/A