# **Pittsburg State University**

# **Pittsburg State University Digital Commons**

Posters

2022 Virtual Research Colloquium

1-1-2022

# Copper-molybdenum sulfide and phosphide electrodes for superior energy storage and conversion

Jonghyun Choi

**Kinsey Morey** 

Ram Gupta

Follow this and additional works at: https://digitalcommons.pittstate.edu/posters\_2022

## **Recommended Citation**

Choi, Jonghyun; Morey, Kinsey; and Gupta, Ram, "Copper-molybdenum sulfide and phosphide electrodes for superior energy storage and conversion" (2022). *Posters*. 4. https://digitalcommons.pittstate.edu/posters\_2022/4

This Article is brought to you for free and open access by the 2022 Virtual Research Colloquium at Pittsburg State University Digital Commons. It has been accepted for inclusion in Posters by an authorized administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State University Digital Commons. For more information, please contact <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator of Pittsburg State <a href="https://www.nc.university.com">https://wwww.nc.university.com</a> administrator of Pittsburg State <a href="https://www.nc.university.com">https://www.nc.university.com</a> administrator admini

# Jonghyun Choi<sup>1</sup>, Kinsey Morey<sup>1</sup>, Ram K. Gupta<sup>1,2</sup> Department of Chemistry, Pittsburg State University, Pittsburg, KS 66762

- there is an increasing need for research into storage and production.
- cycle life.
- water splitting reaction.
- electrocatalysis applications.
- successive hydrothermal and phosphidation strategies.

