

YINUAN LIU

Graduate Research Assistant
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Education

2024 *expected Ph.D., Chemical and Materials Physics (ChaMP), University of California, Irvine*
2018 *B.A., Chemistry (minor in Mathematics), Washington University in St. Louis*

Employment

2019 – *Graduate Research Assistant, Gorodetsky Lab, University of California, Irvine*
2019 – 2020 *Graduate Teaching Assistant, University of California, Irvine*
2017 – 2018 *Undergraduate Researcher, Hayes Lab, Washington University in St. Louis*

Experience and Skills

I previously participated in solid-state NMR studies on structural dependence of aluminum oxide thin films on precursor annealing temperature and characterization of transition metal alumina thin films. Currently, I focus on the development of novel adaptive multispectral camouflage surfaces and reconfigurable optical systems.

Publications

Zhijing Feng, Yinuan Liu, Chengyi Xu, Alon A. Gorodetsky, Micro- and Nano-structured Camouflage Surfaces Inspired by Cephalopods, *ACS Nano*, Under Review (2021)

Conference Presentations

Yinuan Liu, Zhijing Feng, Chengyi Xu, Alon A. Gorodetsky, “Micro- and Nano-structured Camouflage Surfaces Inspired by Cephalopods”, Materials Research Society Spring Meeting, Virtual, Abstract Accepted (2021)