

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

COLLOIDAL PEROVSKITE QUANTUM DOTS:  
SURFACE PASSIVATION AND PHOTOCHEMICAL PROCESSES

By

SELIN DONMEZ

A Dissertation submitted to the  
Department of Chemistry and Biochemistry  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2024

Selin Donmez defended this dissertation on June 14, 2024.

The members of the supervisory committee were:

Hedi Mattoussi

Professor Co-Directing Dissertation

Oliver Steinbock

Professor Co-Directing Dissertation

Debra Fadool

University Representative

Justin G. Kennemur

Committee Member

Geoffrey F. Strouse

Committee Member

The Graduate School has verified and approved the above-named committee members and certifies that the dissertation has been approved in accordance with university requirements.