

FLORIDA STATE UNIVERSITY

THE GRADUATE SCHOOL

MODELING NANOSCALE ION DIFFUSION

IN BLOCK COPOLYELECTROLYTES AND LIGAND PASSIVATION-ENHANCED SURFACE

STABILITY OF HYBRID PEROVSKITES

By

HUANHUAN ZHOU

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The members of the supervisory committee were:

Chen Huang

Professor Directing Dissertation

Xiaoqiang Wang

University Representative

Eric Hellstrom

Committee Member

William Oates

Committee Member

Biwu Ma

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.