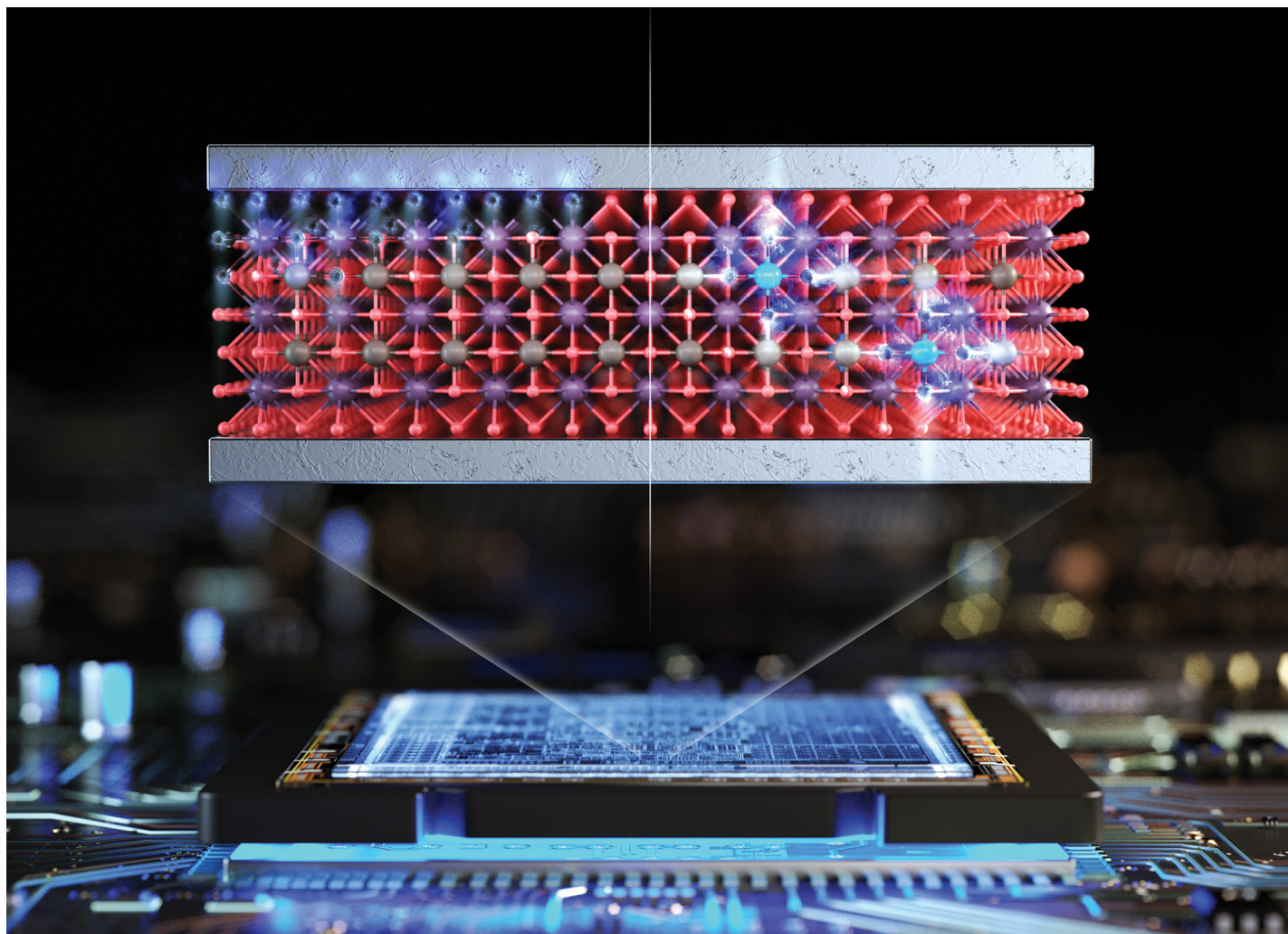




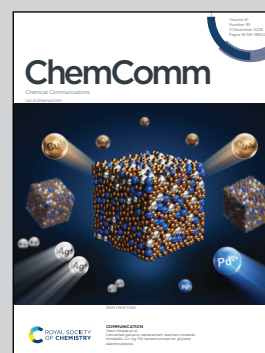
Showcasing research from Materials Computation Group,
Corporate R&D Institute, Samsung Electro-Mechanics Co., Ltd.,
Suwon, Republic of Korea

DFT-guided additive design for BaTiO₃-based MLCCs
exhibiting excellent insulation reliability

Ce doping in BaTiO₃ strongly traps oxygen vacancies,
leading to enhancement of the insulation reliability of MLCCs.

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