
Enhanced power factor and ultralow lattice thermal conductivity induced high thermoelectric performance of BiCuTeO/BiCuSeO superlattice

Xuewen Yang^{a,b}, Zhiqian Sun^{a,b}, Guixian Ge *^{a,b}, Jueming Yang *^{a,b}

^aCollege of Science/Xinjiang Production & Construction Corps Key Laboratory of Advanced Energy Storage Materials and Technology, Shihezi University, Shihezi City 832000, China

^bXinjiang Production and Construction Corps Key Laboratory of Oasis Town and Mountain-basin System Ecology, Shihezi University, Shihezi City 832000, China

*Corresponding authors: geguixian@126.com (G. Ge); juemingyang11@gmail.com (J. Yang);

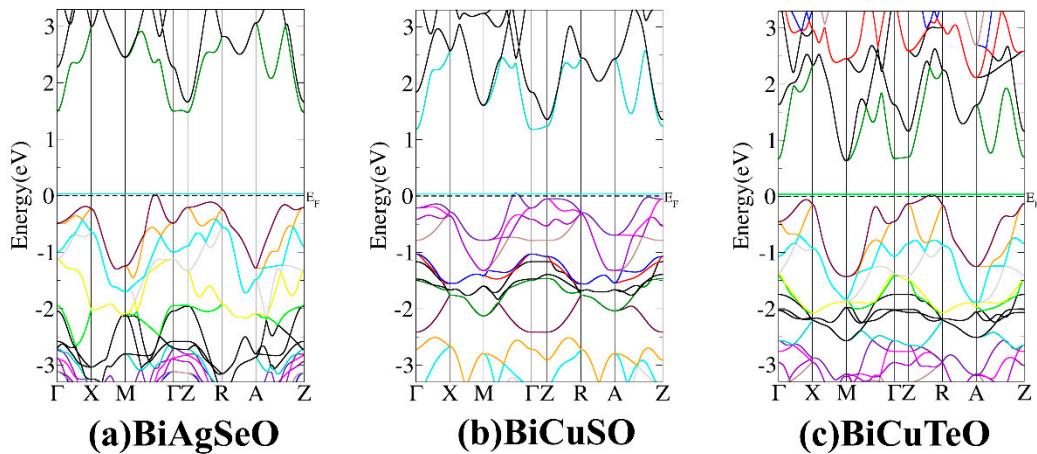


Fig. S1 The band structures of BiMChO.

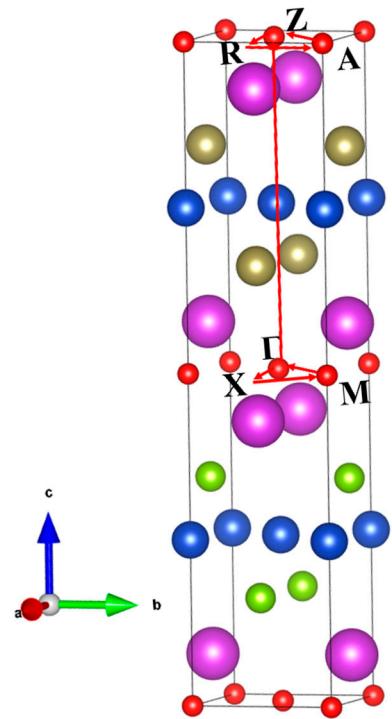


Fig. S2 The high symmetry points of BiMChO superlattices.