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Title: Energy Band Alignment of Antiferroelectric (Pb,La)(Zr,Sn,Ti)O_3

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highlights

- Energy band alignment of antiferroelectric PLZST studied by XPS
- A deconvolution procedure is applied to study band alignment of insulating materials
- Contribution of Pb 6s orbitals leads to higher valence band maximum
- Ferroelectric polarization does not contribute to valence band maximum energy
- The variation of Schottky barrier heights indicates no Fermi level pinning in PLZST

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