



Showcasing the research from the Shinichi Kikkawa laboratory at Hokkaido University, Sapporo.

Molten BaCN_2 for the sintering and crystal growth of dielectric oxynitride perovskites $\text{Sr}_{1-x}\text{Ba}_x\text{TaO}_2\text{N}$ ($x = 0.04\text{--}0.23$)

Molten BaCN_2 was utilized as a flux to prepare $\text{Sr}_{1-x}\text{Ba}_x\text{TaO}_2\text{N}$ oxynitride perovskite ceramics and crystals. Single crystals of the oxynitride perovskites were grown several micrometers in size reflecting their euhedral form.

As featured in:



See Akira Hosono, Yuji Masubuchi et al., *Dalton Trans.*, 2017, 46, 16837.