

Supplementary material

Laser ablation behavior and ablation threshold of entropy-controlled perovskite coatings

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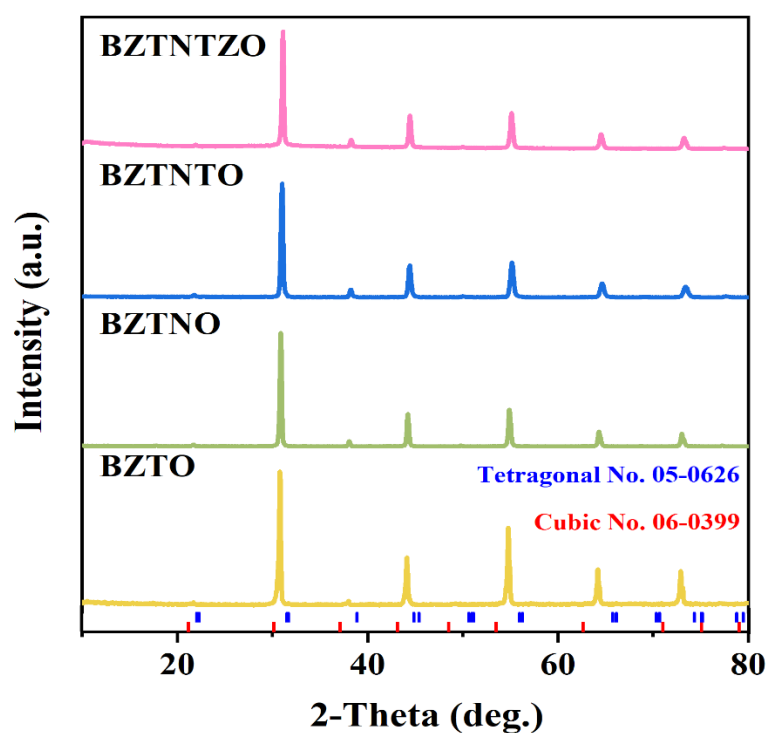


Figure S1. The XRD patterns of the four powder samples at 1200°C.

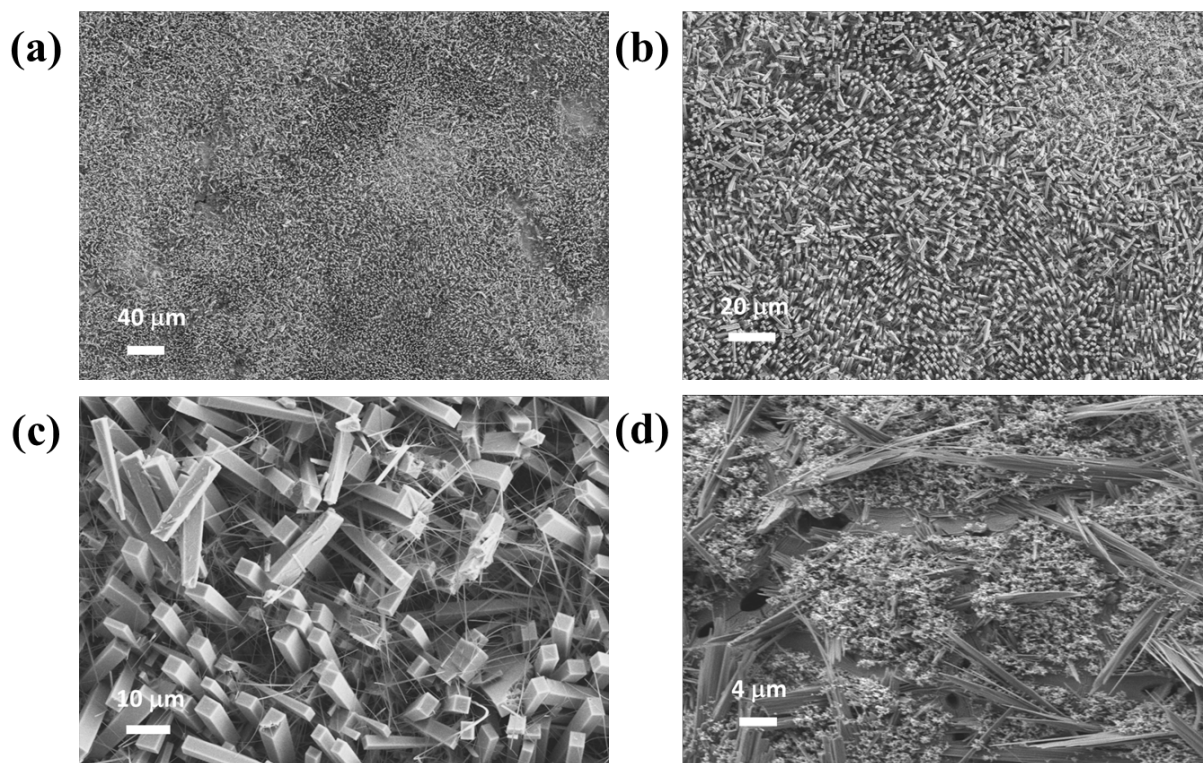


Figure S2. SEM images of fresh prepared BZTNTZO coatings at different magnifications.

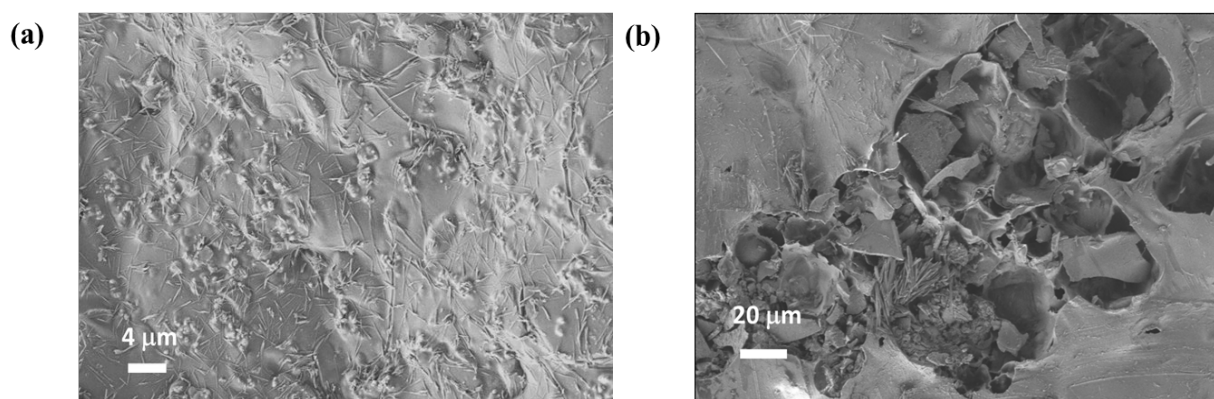


Figure S3. SEM images of the BZTNTZO sample at the ablated zone.

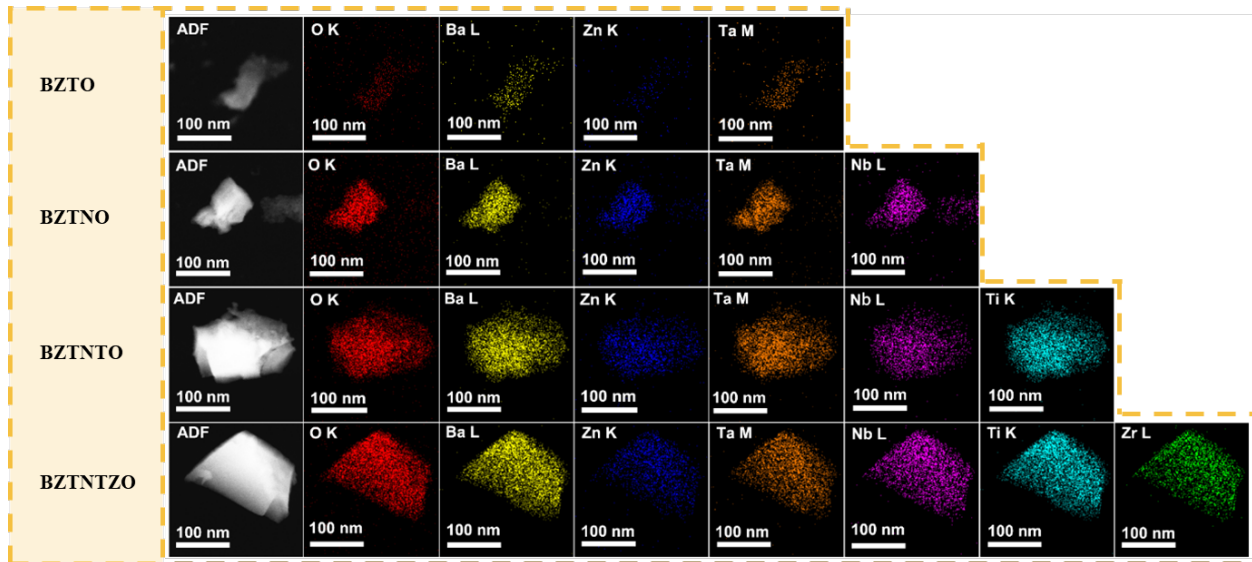


Figure S4. STEM mapping of perovskite particles for BZTO, BZTNO, BZTNT0 and BZTNTZO samples after laser ablation.

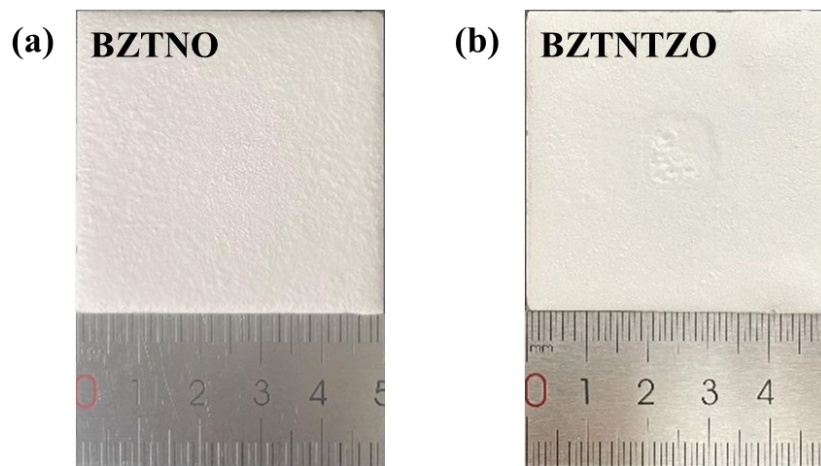


Figure S5. BZTNO and BZTNTZO samples after 300 s irradiation at $1000 \text{ W}\cdot\text{cm}^{-2}$.