

Synthesis and Characterization of Fe doped Aurivillius-phase $\text{PbBi}_2\text{Nb}_2\text{O}_9$ perovskite and their photocatalytic activity on the degradation of methylene blue

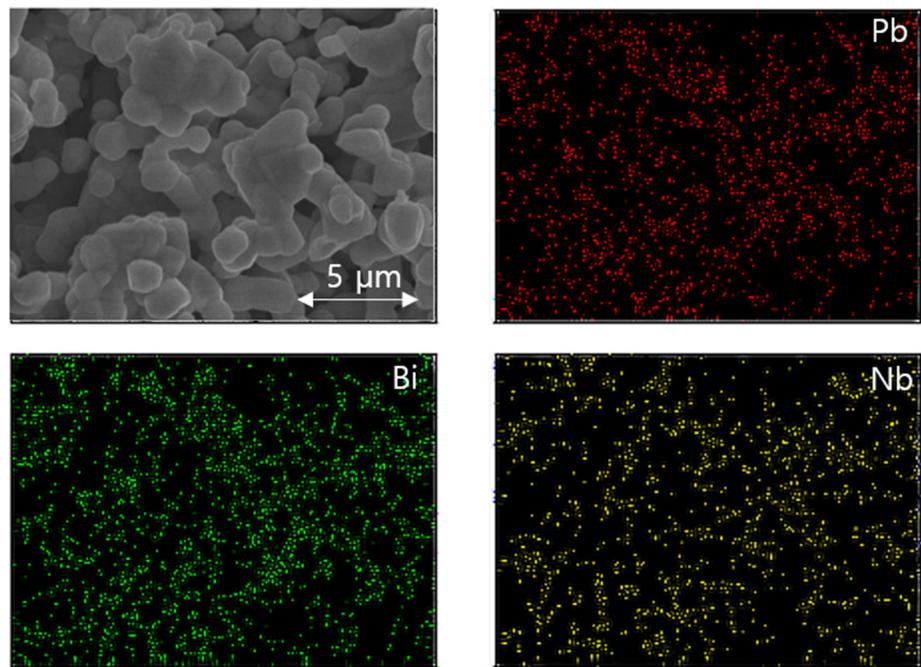


Figure S1. SEM-EDX images of as-synthesized non-doped PBNO.

Table S1. SEM-EDX atomic percent results of as-synthesized PBNO and PBNO-0.2F.

PBNO Element	Weight (%)	Atomic (%)
O	15.07	63.71
Nb	19.66	14.75
Pb	21.45	7.12
Bi	43.82	14.42
Total	100	100
PBNO-0.2F Element	Weight (%)	Atomic (%)
O	15.17	61.95
Nb	19.58	13.77
Pb	21.63	6.82
Bi	39.17	12.25
F	4.45	5.21
Total	100	100