Electronic Supplementary Material (ESI) for Dalton Transactions.

'Electronic Supplementary Information

Avoiding water reservoir effects in functional complex alkali oxides by using O_3 as the oxygen source

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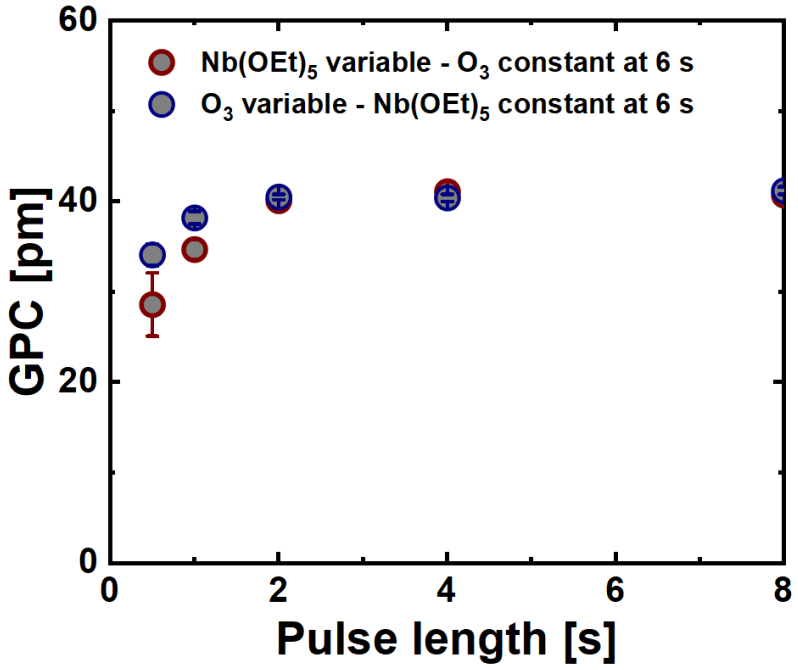
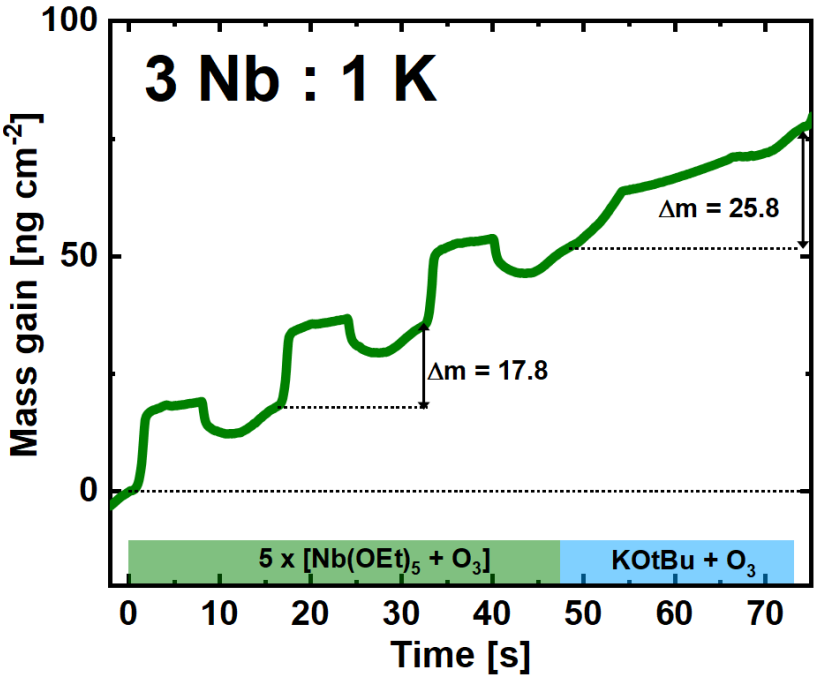
Supplementary Figure A:



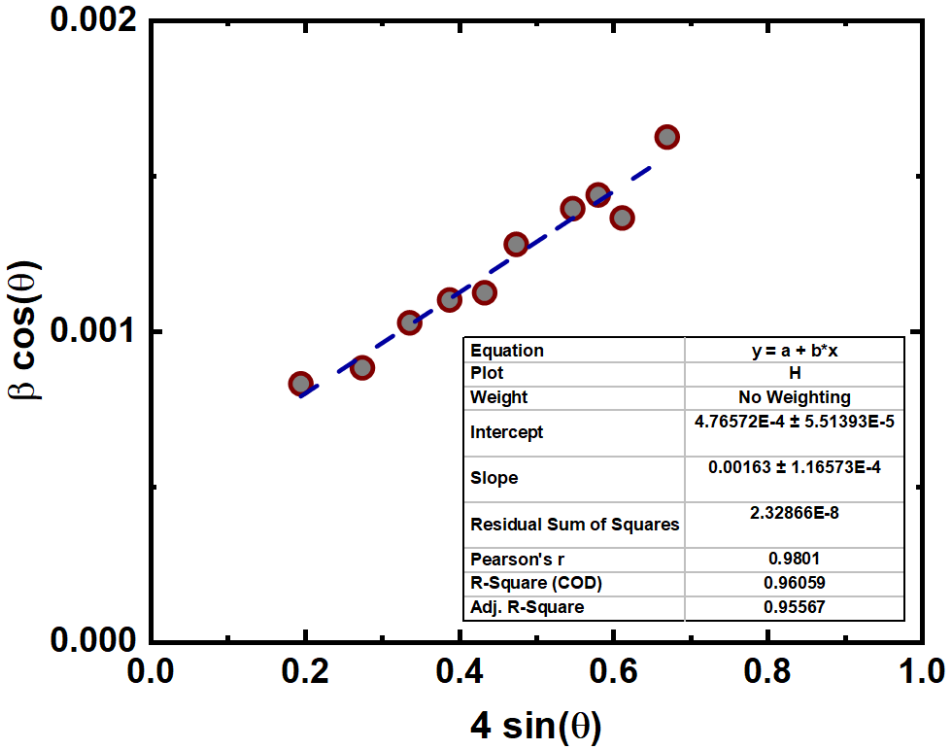
Supplementary Figure A: Growth per cycle (GPC) as a function of pulse length in seconds for $Nb(OEt)_5$ and O_3 in the ozone based process for Nb_2O_5.

Supplementary Figure B:



Supplementary Figure B: Quartz crystal microbalance campaign of the 3:1 pulsed Nb:K ratio, showing mass gains for the unique process steps.

Supplementary Figure C:



Supplementary Figure C: Williamson-Hall plot for KTN thin films deposited on $MgAl_2O_4$ (100).