

Figure S1 O1s high resolution spectra of 16K 1.5wt% as loaded, 50 and 325 cycles into the ALD process.

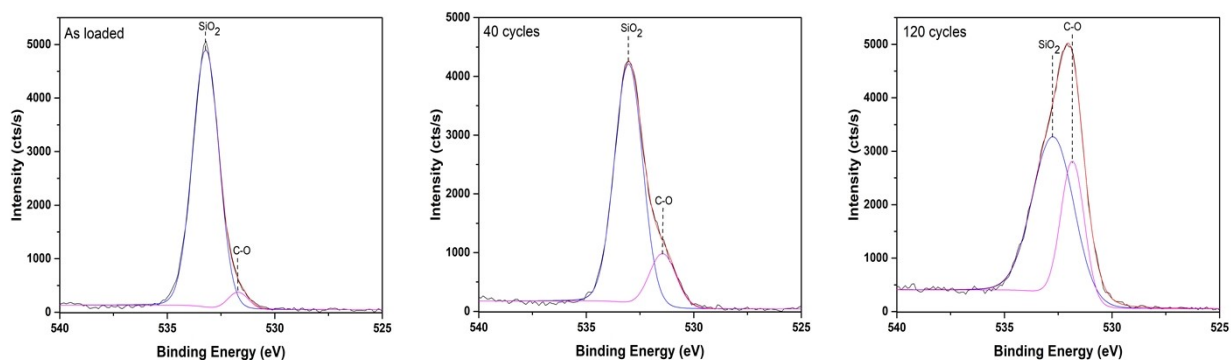


Figure S2 O1s high resolution spectra of 40K 0.2wt% as loaded, 50 and 120 cycles into the ALD process.

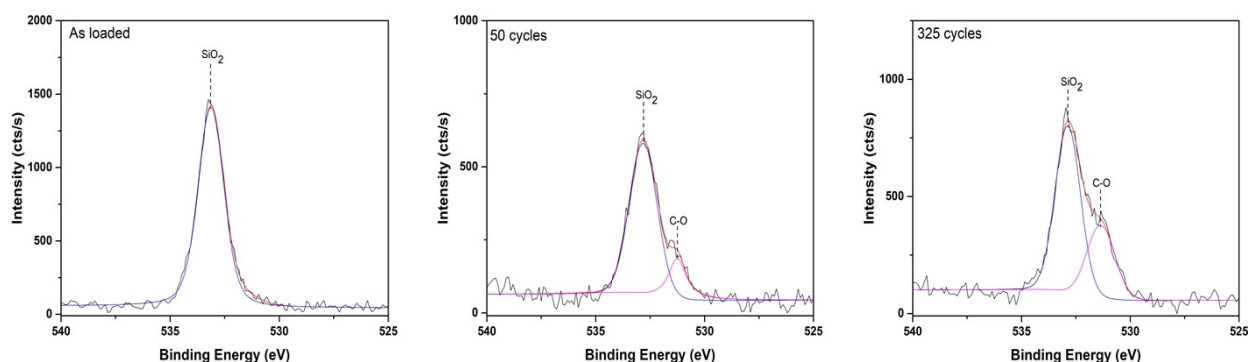


Figure S3 O1s high resolution spectra of 40K 1.5wt% as loaded, 50 and 325 cycles into the ALD process.