

Supporting Information

Structure-Sensitive Biodiesel Synthesis over MgO Nanocrystals Janine M. Montero¹, Pratibha Gai², Karen Wilson¹ and Adam F. Lee^{1*}

Additional Experimental Details – HRTEM characterisation

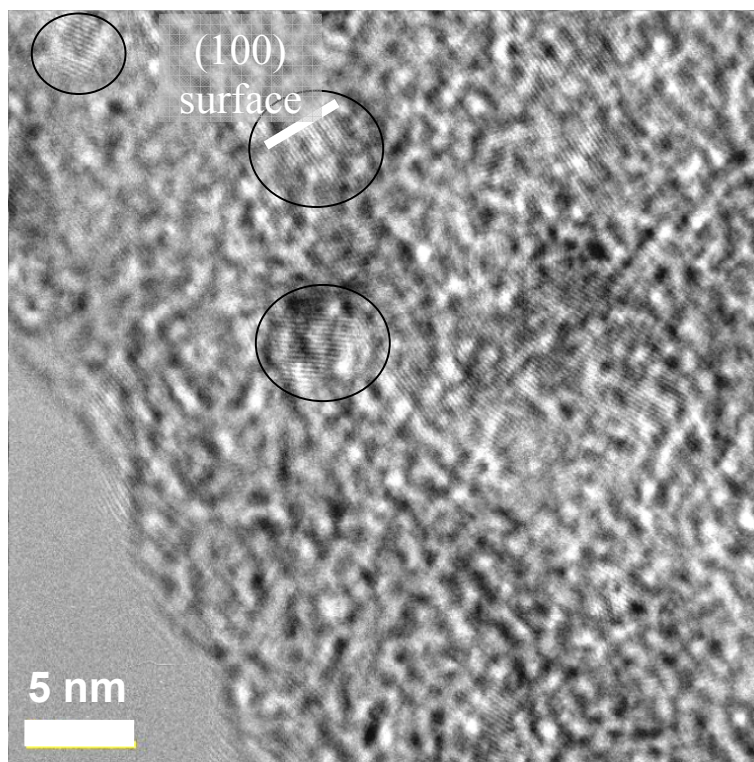


Figure S1: TEM micrograph of NanoMgO showing (100) terminated crystallites.

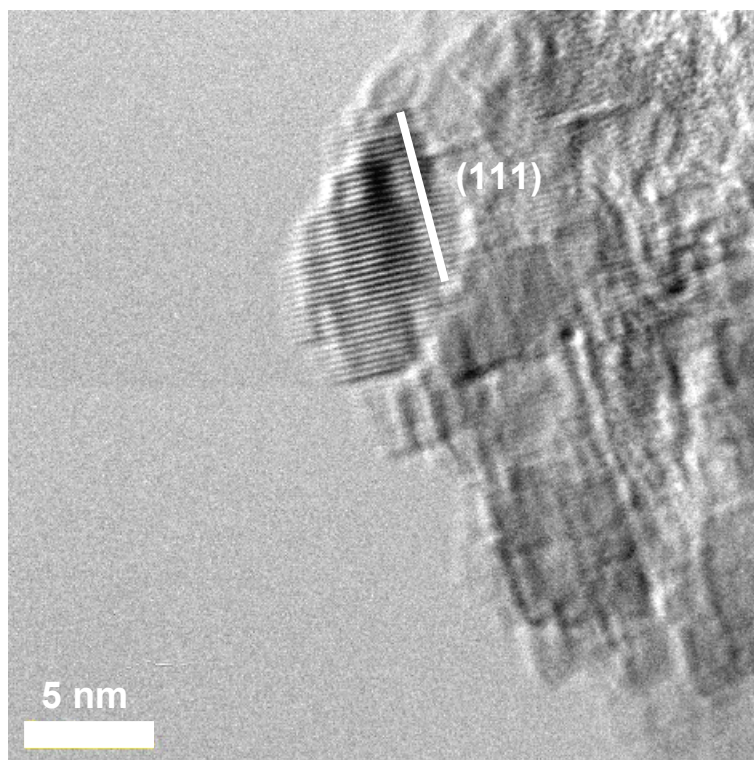


Figure S2: TEM micrograph of NanoMgO-500 showing (111) surfaces and facets forming.

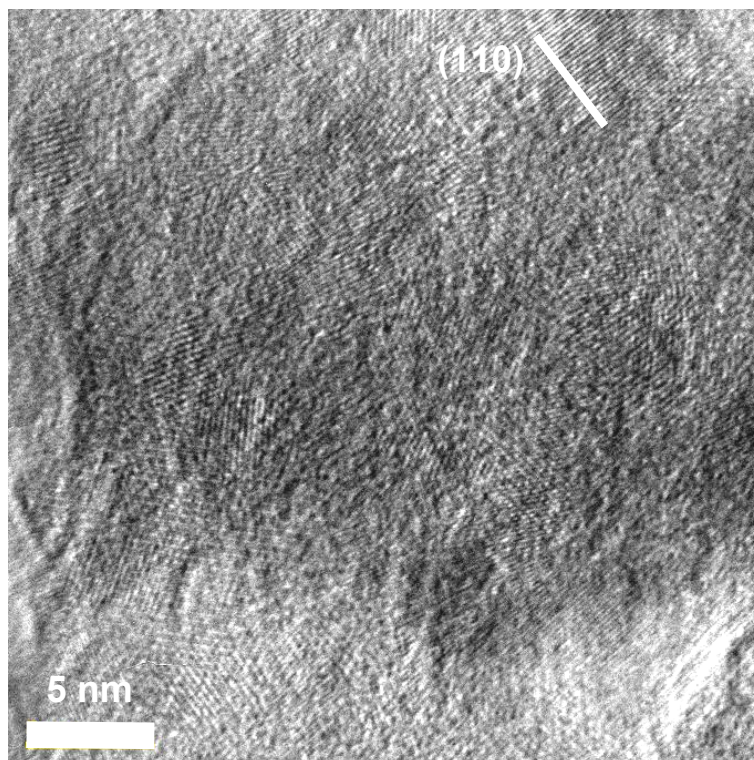


Figure S3: TEM micrograph of NanoMgO-500 showing (110) surface termination.

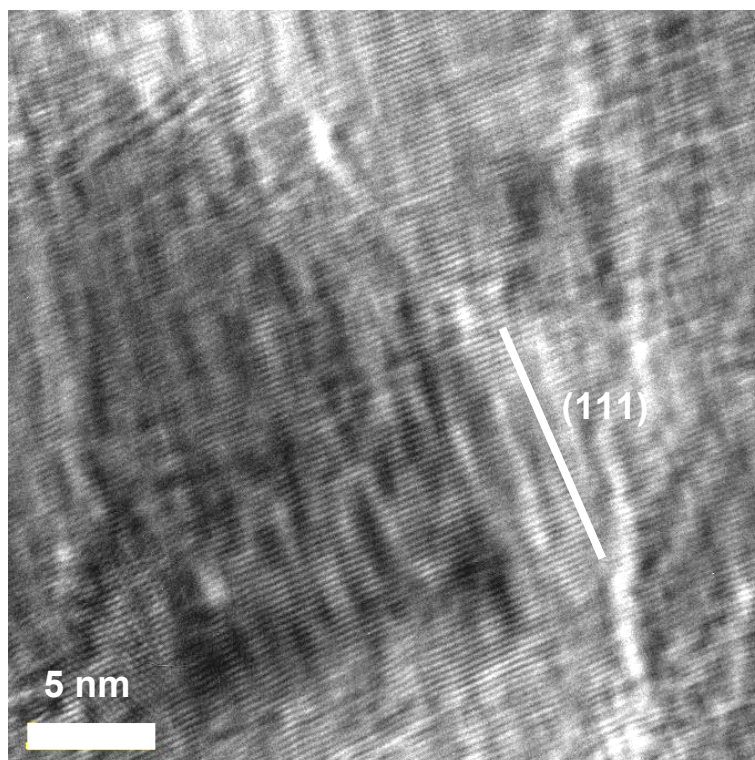


Figure S4: TEM micrograph of NanoMgO-700 showing (111) surface termination.

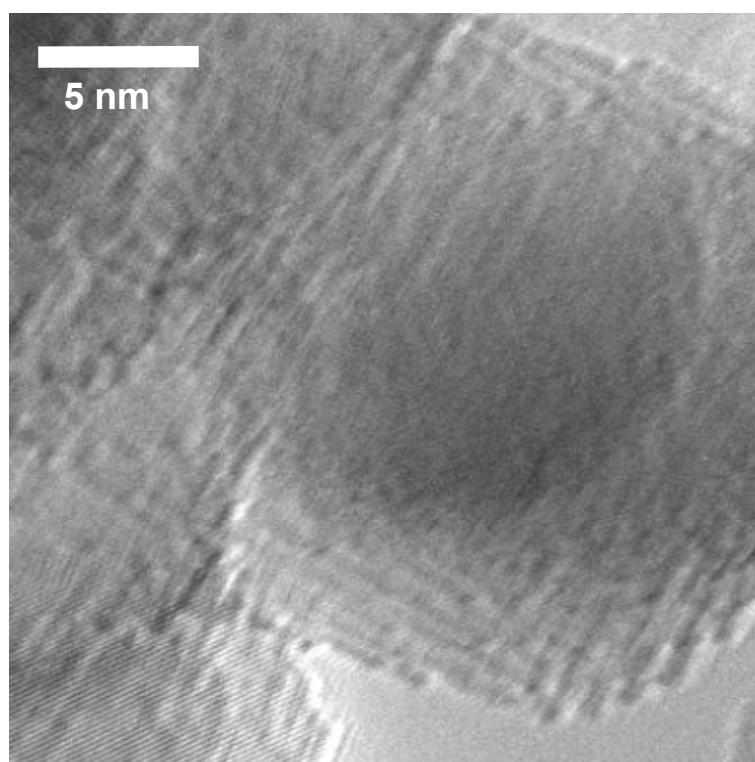


Figure S5: TEM micrograph of a NanoMgO-700 crystal boundary, showing edges and corners.