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In-situ doping and synthesis of two-dimensional nanomaterials using mechano-chemistry

Srikanth Matetia, Alexey M. Glushenkova, Lu Hua Lia, Qian Mac, Chunyi Zhid, and Ying Chen*a

E-mail: ian.chen@deakin.edu.au

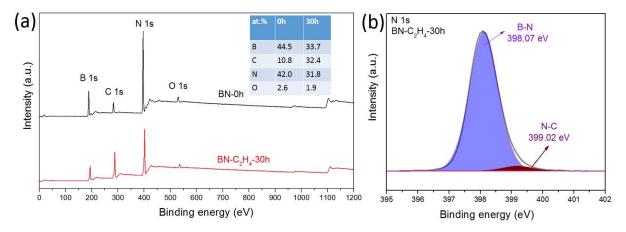


Figure S1. (a) Initial and after milling, carbon content in BN; (b) N1s spectra of BN milled in C₂H₄ for 30h.

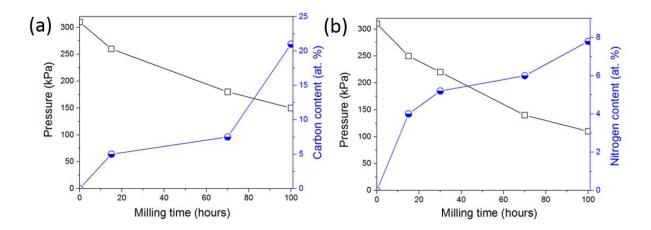


Figure S2. Carbon content (a), nitrogen content with change in pressure during milling in WS2 from EDS analysis (b).

^a Institute for Frontier Materials, Deakin University, Geelong, Victoria 3216, Australia

^b Department of Chemical Engineering, The University of Melbourne, Parkville, Victoria 3010, Australia.

^cCentre for Additive Manufacturing, School of Engineering, RMIT University, Melbourne, Victoria 3000, Australia.

^d Department of Materials Science and Engineering, City University of Hong Kong, China.

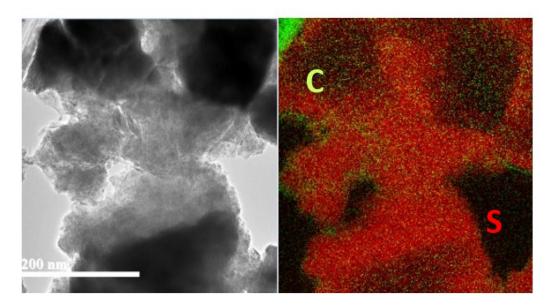


Figure S3. Carbon and Sulphur overlay mapping of carbon doped WS₂.