

Electronic Supplementary Information

Growth of α - Si_3N_4 nanobelts via Ni-catalyzed thermal chemical vapour deposition and their violet-blue luminescent properties

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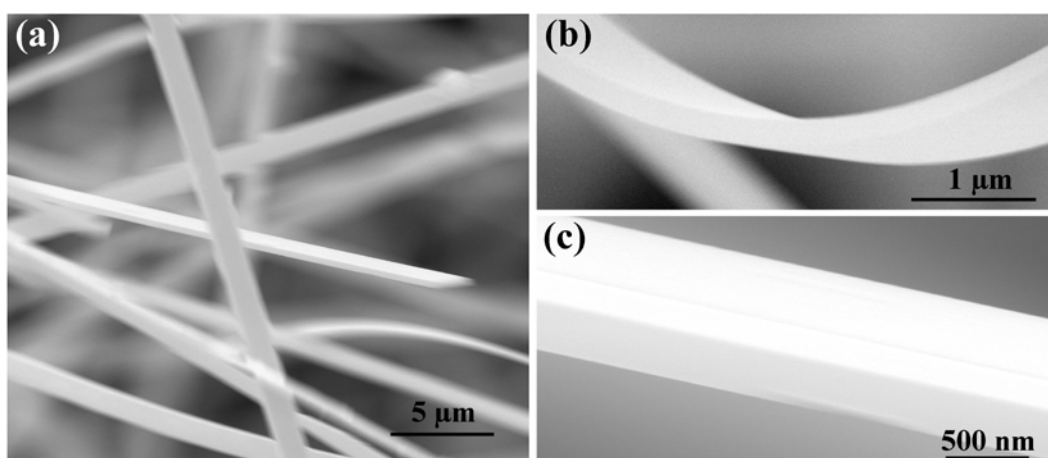


Figure S1 High-magnification SEM images of the as-synthesized products, revealing that they exhibit belt-like structures with widths from 300 to 1200 nm and width/thickness ratios from 3 to 8.

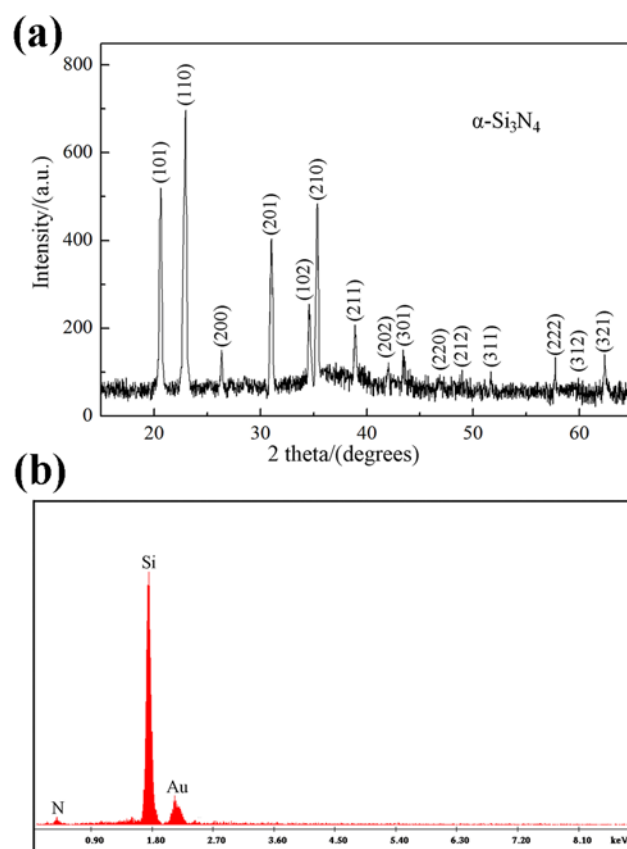


Figure S2 (a) XRD pattern (b) EDS pattern of the products formed on the carbon felt substrate without using Ni catalyst.

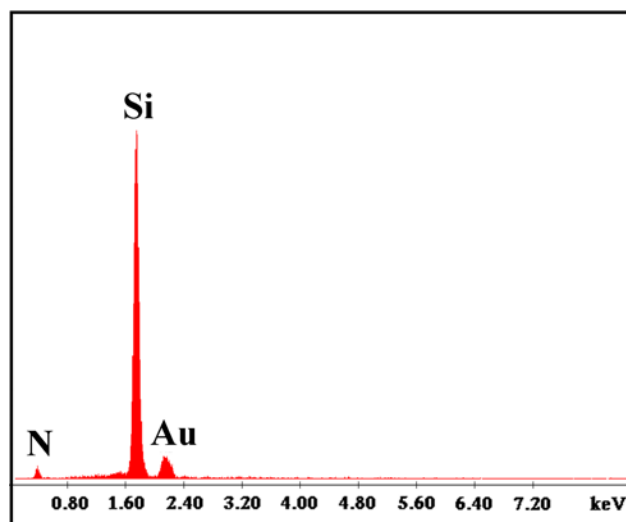


Figure S3 EDS pattern of the nanorods, reveals that they are Si_3N_4 .