Supplementary Information

Boosting intrinsic carrier mobility of two-dimensional pnictogen nanosheets by 1000 times via hydrogenation

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Figure. S1. Band structures of 2D hydrogenated (a) blue phosphorene, (b) arsenene, (c) antimonene, and (d) bismuthene without SOC (black line) and with SOC at the PBE (blue line) and HSE (red dots) level.

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