

Supplementary Information: Journal of Materials Chemistry C: Gate controllable fully spin-polarized and pure spin current in γ -graphyne nanoribbon

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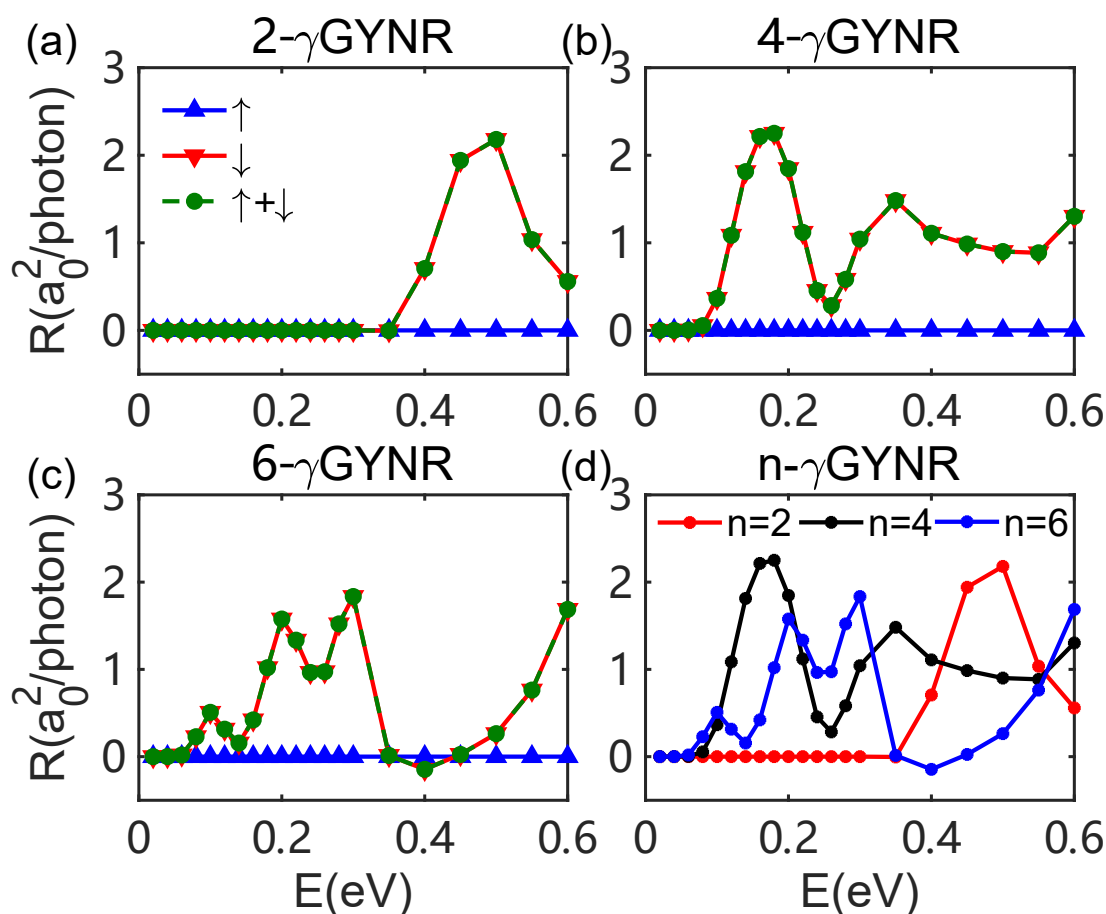


Figure S1 The spin-dependent photoresponse versus the photon energy generated by LPGE ($\theta = 45^\circ$) in the PP configuration. (a) $n=2$; (b) $n=4$; (c) $n=6$; (d) The spin down photoresponse versus the photon energy under different ribbon widths (n). Here, the gate voltage $V_g = 8V$.

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