Supplementary Information

Tailoring Fano lineshapes using plasmonic nanobars for highly sensitive sensing and directional emission

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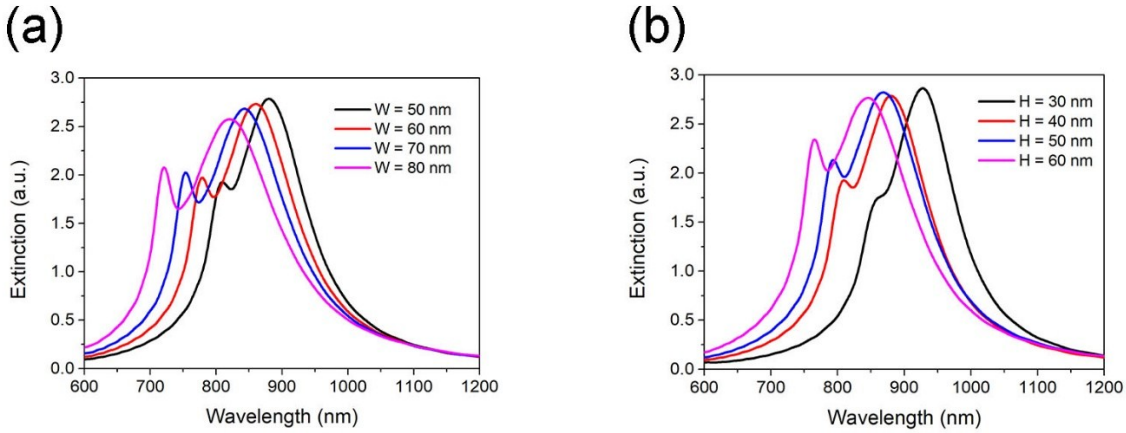

Figure S1. Dependence of extinction spectra of the nanocross on the width *W* and thickness *H*. (a) *L*= 370 nm and *H* = 40 nm. (b) *L* = 370 nm and *W* = 50 nm.

Table S1 Comparison of the proposed sensor and other recently published solutions

Reference	Sensitivity [nm/RIU]	FoM
[23]	530	5.70
[29]	467	6.70
[38]	372	6.06
[39]	275	6.23
[40]	460	7.70
This work	940	20.90