Supporting Information

Paper Based Flexible Photodetector Functionalized by WSe_2 Nanodots

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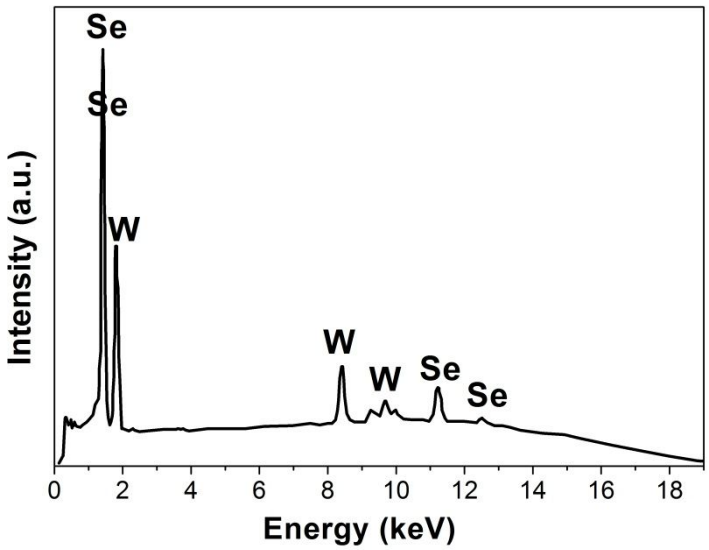


Figure S1 Energy dispersive analysis of X-ray of WSe_2 Nanodots.

Table S1 Comparison of detector parameters of WSe_2 Nanodots functionalized paper based photodetector with previous reports.

Sample	Responsivity mAW^{-1}	Response time (s)	Ref.
WSe_2 (PLD deposited film)	920	0.9	[1]
ZnO/Graphene	6.27	8.76	[2]
MoS_2/graphene	10^7	20	[3]
ZnS/MoS_2 Paper based photodetector	17.85×10^{-3}	11	[4]
SnS	-	0.27	[5]
SnSe		8.2	[6]
WSe_2 Nanodots	796	0.68	Present work

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