

Electronic Supplementary Information (ESI)

Nano Dumbbells Shaped Silver Bismuth Iodide Perovskite Hybrids Prepared and Enhanced the Photocurrent Properties

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S.No	Content	Page no.
1.	Figure S1. (a) Excitation dependent Photoluminescence emission spectra and (b) PL emission spectra of as prepared and after six months aged Dumbbell shaped silver bismuth iodide perovskite hybrids samples respectively.	3
2.	Figure S2. (a,) High resolution TEM images with SAED pattern, (b) XRD pattern and (c) EDX analysis of Dumbbell shaped silver bismuth iodide heterostructure sample.	4
3.	Table S1 Time dependent Photocurrent results Dumbbell shaped silver bismuth iodide heterostructure sample.	5

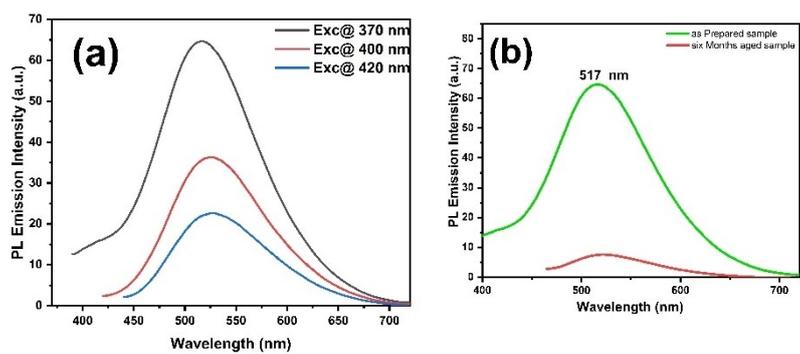


Figure
S1. (a)

Excitation dependent Photoluminescence emission spectra and (b) PL emission spectra of as prepared and after six months aged Dumbbell shaped silver bismuth iodide perovskite hybrids samples, respectively.

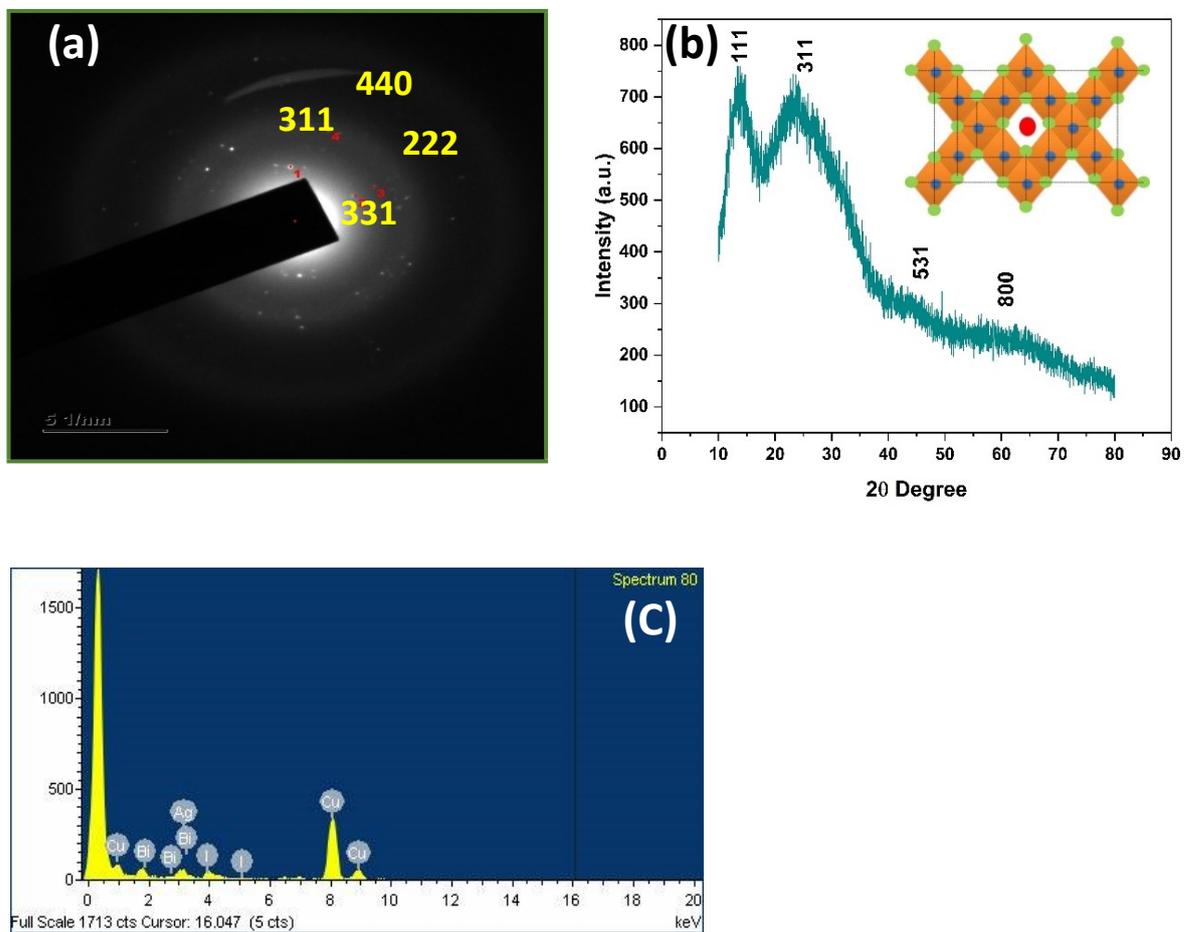


Figure S2. (a.) High resolution TEM images with SAED pattern, (b) XRD pattern and (c) EDX analysis of Dumbbell shaped silver bismuth iodide heterostructure sample.

Sample	Bias Volt	Current Light (I_{on})	Current dark (I_{off})	Photocurrent on-off ratio [I_{on}/I_{off}]
Dumbbell shaped AgBi2I7	0.1 V	2.1×10^{-6} A	6.6×10^{-10} A	3.18×10^4
	0.2 V	67.3×10^{-6} A	6.1×10^{-8} A	3.27×10^4

Table S1 Time dependent Photocurrent results Dumbbell shaped silver bismuth iodide heterostructure sample.