

S.NO.	MATERIAL ( Cs <sub>2</sub> TiBr <sub>6</sub> )	Voc ( V )	Jsc (mA/cm <sup>2</sup> )	FF ( % )	eta ( % )
1	Au/ CUALO <sub>2</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / IGZO/FTO	1.1231	23.543828	73.88	19.53
2	Au/ CUALO <sub>2</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNO/FTO	1.1231	23.543129	73.86	19.53
3	Au/ CUALO <sub>2</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	1.1267	23.546622	72.46	19.22
4	Au/ CU <sub>2</sub> O / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNSE/FTO	0.6726	23.54986	69.26	10.97
5	Au/CU <sub>2</sub> O/ Cs <sub>2</sub> TiBr <sub>6</sub> / PCBM/FTO	0.6732	23.551993	68.38	10.84
6	Au/ CU <sub>2</sub> O / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	0.6727	23.549836	67.41	10.68
7	Au/ CU <sub>2</sub> O / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNO/FTO	0.6614	24.16615	64.38	10.29
8	Au/ MOO <sub>3</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / CDS/FTO	0.6582	23.551529	60.16	9.33
9	Au/ MOO <sub>3</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNO/FTO	0.6579	23.546039	60.16	9.32
10	Au/ MOO <sub>3</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	0.6582	23.549529	58.43	9.06
11	Au/ SPIRO -OMeTAD / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNSE/FTO	0.634	23.549901	59.81	8.93
12	Au/ SPIRO -OMeTAD / Cs <sub>2</sub> TiBr <sub>6</sub> / PCBM/FTO	0.6347	23.551731	58.95	8.81
13	Au/ CUALO <sub>2</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	1.1205	15.904997	41.44	7.39
14	Au/ PEDOT:PSS / Cs <sub>2</sub> TiBr <sub>6</sub> / CDS/FTO	0.383	23.546106	43.23	3.9
15	Au/ PEDOT:PSS / Cs <sub>2</sub> TiBr <sub>6</sub> / IGZO/FTO	0.3828	23.541682	43.24	3.9
16	Au/ PEDOT:PSS / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	0.383	23.535408	40.99	3.69
17	Au/ CUSCN / Cs <sub>2</sub> TiBr <sub>6</sub> / CDS/FTO	0.2609	22.975117	30.1	1.8
18	Au/ CUSCN / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNO/FTO	0.2607	22.96727	30.09	1.8
19	Au/ CUSCN / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNSE/FTO	0.2609	22.966359	30.04	1.8
20	Au/ CUSCN / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	0.261	22.692913	28.3	1.68
21	Au/CU <sub>2</sub> O/ Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.6879	1.058673	30.1	0.22
22	Au/ MOO <sub>3</sub> / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.6719	1.050232	29.72	0.21
23	Au/ SPIRO -OMeTAD / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.649	1.019989	29.12	0.19
24	Au/ PEDOT:PSS / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.3936	7.62E-01	16.52	0.05
25	Au/ CUSCN / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.2745	4.03E-01	16.62	0.02
26	Au/ P3HT / Cs <sub>2</sub> TiBr <sub>6</sub> / STO/FTO	0.0362	5.55E-02	28.86	0
27	Au/ P3HT / Cs <sub>2</sub> TiBr <sub>6</sub> / TiO <sub>2</sub> /FTO	0.0244	2.97E-01	22.75	0
28	Au/ P3HT / Cs <sub>2</sub> TiBr <sub>6</sub> / ZNO/FTO	0.0241	2.97E-01	22.74	0