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Exceptional stability of Mg implemented PbS quantum dot solar cells by galvanic corrosion protection

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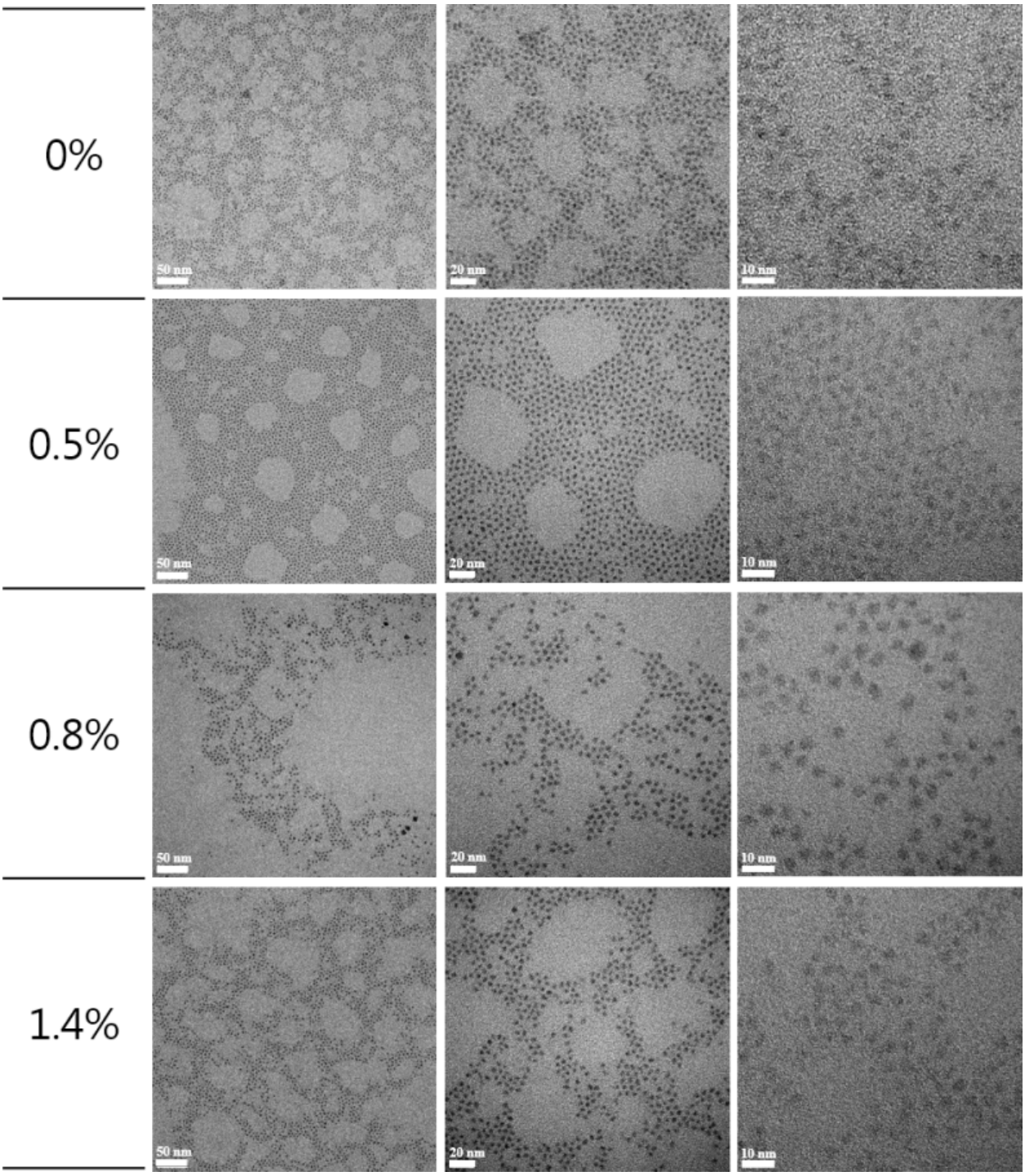
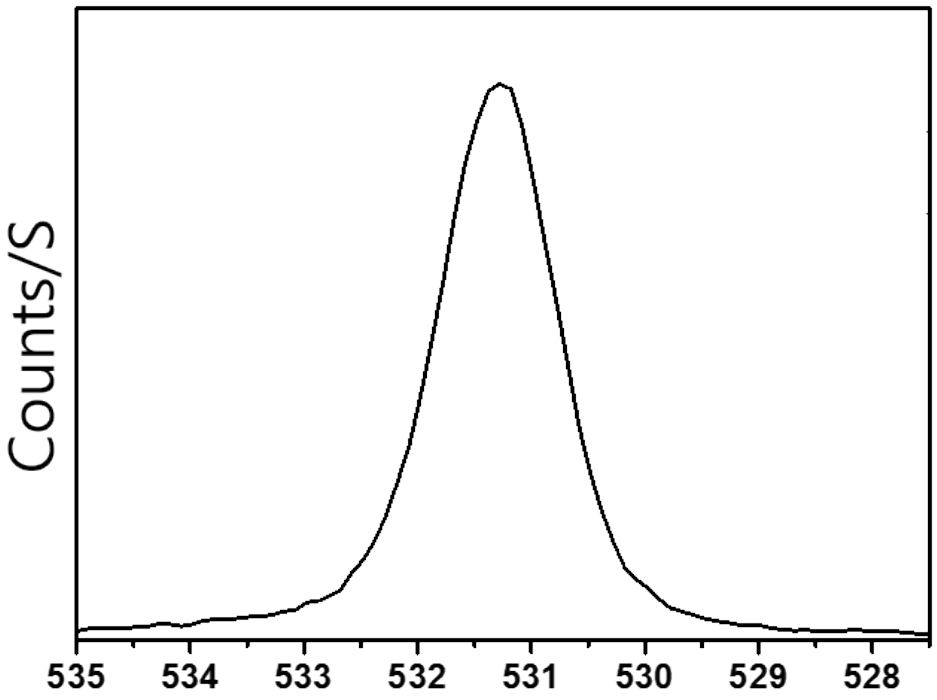
	1-1	1-2	2-1	2-2	3-1	3-2
Mg (ppm)	0.159	0.252	0.290	0.473	0.250	0.930
Pb (ppm)	229.8	407.7	300.9	490.0	0.148.3	586.2
%	**0.577**	**0.529**	**0.819**	**0.825**	**1.439**	**1.354**

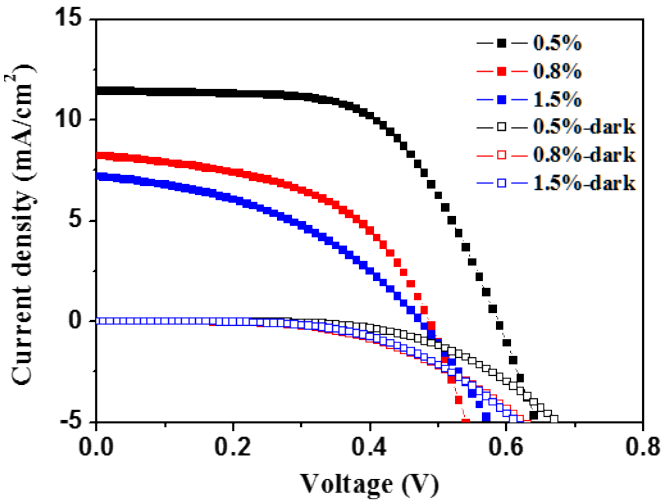
S1. ICP data of of various Mg-PbS QDs.



S2. TEM images of various Mg-PbS QDs



S3. O1s XPS of lead oleate



Sample	V_{oc} (V)	J_{sc} (mA/cm^2)	F.F. (%)	η (%)
0.5%	0.58	11.5	61.4	4.1
0.8%	0.48	8.2	51	2
1.4%	0.47	7.2	41.1	1.4

S4. Cell efficiency data fabricated with various Mg-PbS.